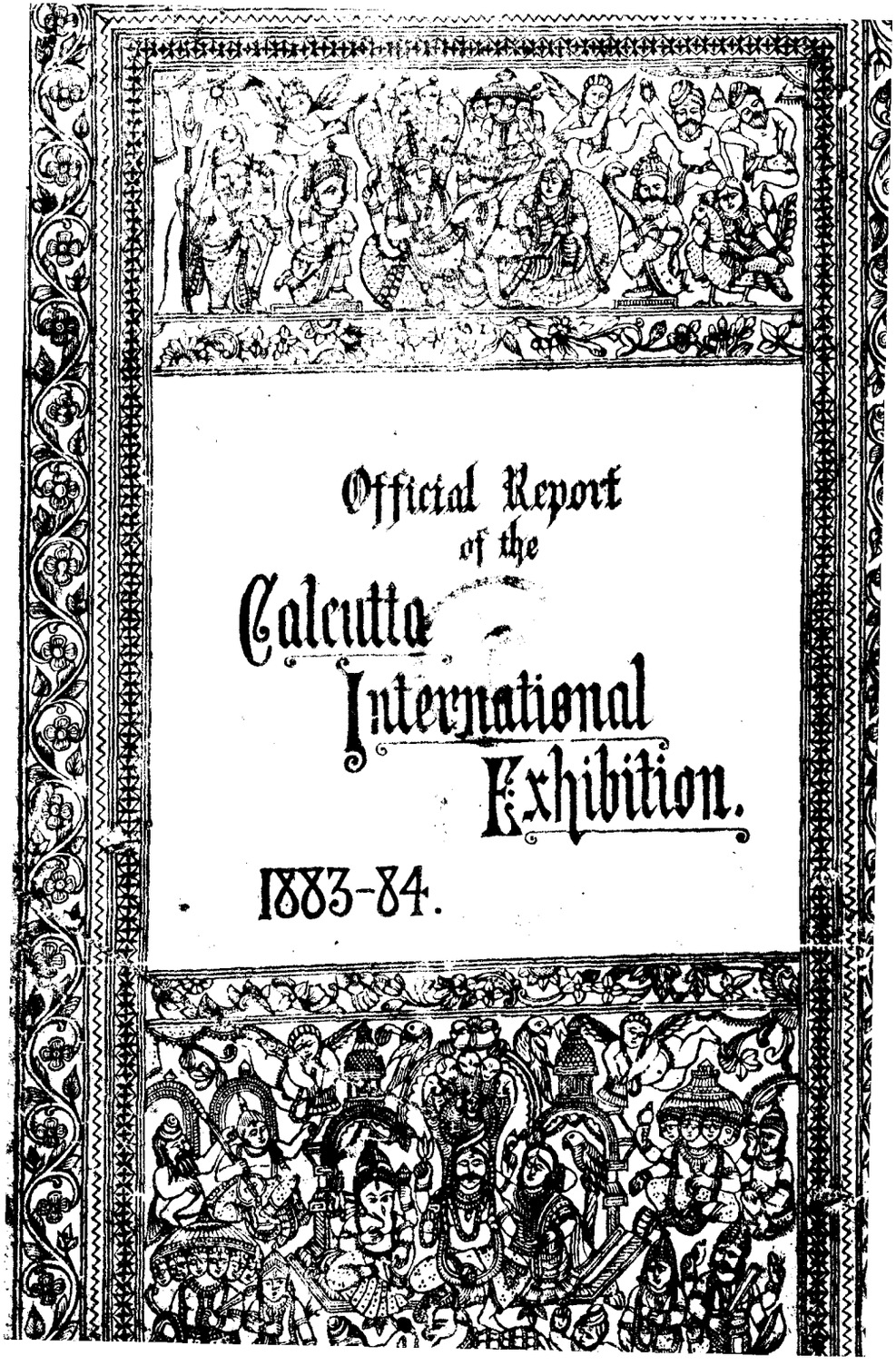


Official Report of the Calcutta International Exhibition.

1883-84.

OFFICIAL REPORT

OF THE

CALCUTTA INTERNATIONAL EXHIBITION,

1883-84.

Compiled under the orders of the Executive Committee.

VOLUME II.

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BENGAL SECRETARIAT PRESS.
1885.

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CLASSIFICATION OF EXHIBITS.

SECTION A.—FINE ARTS.

1. Paintings and drawings.
2. Sculptures.
3. Architectural drawings and models.
4. Engravings, lithographs, &c.
5. Photographs.
6. Works of art not specified.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

7. Educational appliances, models of schools, school furniture and books.
8. Maps, charts, and geographical apparatus.
9. Specimens of work done by pupils in schools.
10. Gymnasia.
11. Stationery and artists' materials.
12. Printing and book-binding.
13. Photographic apparatus, chemicals, and other appliances.
14. Musical instruments.
15. Scientific instruments.

SECTION C.—HEALTH.

16. Systems of drainage.
17. Appliances connected with sanitation and hygiene.
18. Drugs and medicines.
19. Surgical instruments.
20. Hospital appliances.
21. Ambulances.
22. Other objects connected with health.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS.

23. Furniture and upholstery.
24. Glassware of all kinds.
25. Stone utensils, pottery, porcelain, and earthenware.
26. Metalware, hardware, and cutlery.
27. Clocks, watches, and their accessories.
28. Brushware.
29. Basketware.
30. Apparatus and processes for cooling, heating, and lighting.
31. Decorative work, including carving and artware.
32. Carpets, hangings, tapestry, furniture-stuffs, matting, paper-hangings.
33. Marble and alabaster.
34. Bronzes, ornamental work in gold, silver, and other metals.
35. Toys.
36. Other household utensils and appliances.
37. Camp equipment, including tents.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

38. Cotton fabrics.
39. Wool fabrics.
40. Silk fabrics.
41. Jute fabrics.
42. Other fabrics.
43. Mixed fabrics.
44. Shawls.
45. Fancy work.
46. Apparel and haberdashery.
47. Boots, shoes, and slippers.
48. Hats and caps.
49. Umbrellas and parasols.
50. Jewelry and precious stones.
51. Perfumery.
52. Objects not specified.

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

53. Minerals and metallurgic products.
54. Indigenous timber and other forest products.
55. Oil-seeds.
56. Oils.
57. Soap, tallow, wax, and other manufactures of oleaginous substances.
58. Hides, horns, hair, bristles, &c.
59. Leather and manufactures of leather.
60. Cotton, raw and thread.
61. Cotton manufactures.
62. Silk, raw, cocoon and thread.
63. Wool, raw and yarns.
64. Jute, raw and yarns.
65. Manufactures of jute.
66. Coir and manufactures therefrom.
67. Other fibres and manufactures therefrom.
68. Paper.
69. Ivory, tortoise-shell, sponge, and shells.
70. Materials for baskets, wicker and plait work.
71. Cement.
72. Building materials, exclusive of cement.
73. Lac.
74. Gums and resins.
75. Indigo.
76. Other dyeing and colouring materials.
77. Colours, paint, varnishes.
78. Tobacco.
79. Chemicals.
80. Materials used for bleaching, tanning, and currying.
81. Other products and manufactures not specified.

SECTION G.—MACHINERY AND IMPLEMENTS, MEANS OF TRANSPORT, APPLIANCES AND PROCESSES USED IN THE COMMON ARTS AND INDUSTRIES, INCLUDING MODELS AND DESIGNS.

82. Boilers and engines.
83. Railway plant and rolling-stock, tramways.
84. Telegraphy, telephones, heliographs.
85. Mining and metallurgy.
86. Chemistry, pharmacy, tanning.
87. Artillery, arms, ammunition, war material.
88. Civil engineering and architecture.
89. Ocean, coast, and river navigation.
90. Carriages and vehicles, wheelwrights' work.
91. Workshop machines and tools.
92. Blacksmiths' work, locks, safes, &c.
93. Carpenters' work, joinery, &c.
94. Cooling machinery and ice-machines.
95. Aërated waters and bottling machines.
96. Machines and processes for preserving food
97. Tobacco manufacture and implements used in the consumption thereof.
98. Spinning, weaving, and rope-making.
99. Paper-making.
100. Pressing, type-making, ruling, book-binding.
101. Pressing and baling.
102. Fire-engines, extincteurs, pumps, cranes, gauges, registering instruments.
103. Electro-plating.
104. Brewing and distillation.
105. Manufacture of perfumery.
106. Manufacture of porcelain, earthenware, and glass.
107. Means of producing artificial light.
108. Sewing machines.
109. Cotton printing.

SECTION H.—FOOD PRODUCTS.

110. Tea.
111. Coffee.
112. Sugar.
113. Spices.
114. Chocolate and cocoa.
115. Bread stuffs and articles made therefrom.
116. Arrowroot, tapioca, sago.
117. Butter.
118. Ghee, lard, and other fatty substances.
119. Preserved meat.
120. Preserved soup.
121. Preserved fish.
122. Preserved fruits and vegetables.
123. Nuts.
124. Confectionery.
125. Jams and jellies.
126. Honey.
127. Essences and extracts.
128. Pickles, sauces, chutneys, and curry-powders.
129. Ale, beer, and porter.
130. Cider and perry.
131. Wines and liqueurs.
132. Spirits.
133. Cordials and syrups.
134. Aërated and mineral waters.
135. Vinegar.
136. Other provisions not specified.

SECTION I.—AGRICULTURE AND HORTICULTURE.

137. Collections of agricultural products.
138. Ditto horticultural ditto.
139. Processes, implements, and machines used in cultivation.
140. Processes, implements, and machines applied to agricultural and horticultural products.
141. Processes, implements, and machines used for irrigation.
142. Garden furniture, fountains.
143. Manures.

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

144. Ethnological collection.
145. Archæological collection.
146. Weapons and implements of the chase.
147. Implements connected with fishery.
148. Collections of animals stuffed, &c
149. Other natural history specimens

CALCUTTA INTERNATIONAL EXHIBITION, 1883-84.

INDIAN COURTS.

ASSAM.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS.

CLASS XXVI.—METALWARE, HARDWARE, AND CUTLERY.
CLASS XXXI.—DECORATIVE WORK, INCLUDING CARVING AND ARTWARE.
CLASS XXXIV.—BRONZES, ORNAMENTAL WORK IN GOLD, SILVER, AND OTHER METALS.
CLASS XXXV.—TOYS.
CLASS XXXVI.—OTHER HOUSEHOLD UTENSILS AND APPLIANCES.

Ivory fan, *pánkah*, } Sylhet.
Ivory stick, *lakuti* }
1 set ivory chessmen, Manipur.
1 set ivory dice, Sylhet.
1 pair ivory bracelets, *kharu*, Manipur.
Ivory chain, Sylhet.
Wooden plate, *khancha*, Sylhet.
1 set toys, *khiluna*, Sylhet.
1 set chessmen (wood), Sylhet.
1 set dice, Sylhet.
Dao inlaid with silver, *dao*, Manipur.
Khanga inlaid with brass, *khanga*, Manipur.
1 lacquered box, *phulkatta pera*, Sylhet.
1 lacquered puff with 100 darts, Sylhet.
Insect-box, Sylhet.
Ivory back-scratcher, Sibsagar.
Ivory comb, *phuni*, Sibsagar.
Ivory fork, *kanta*, Sibsagar.
Buffalo-horn salad-spoon, one book, Sibsagar.
Umbrella, *jhapi*, Sibsagar.
1 fan made of cane, *pankha*, Sibsagar.
Manipuri saddle, *sabal*, Manipur.
Manipuri bridle, *yachal*, Manipur.
Cooking-pot, *batloi*, Kachar.
Water-holder, *ghuti, chimki*, Kachar.
Hubble-bubble, *hukka*, Cachar.
5 plates, *pandhwahs*, Kamrup.
Tray, *butah*, Kamrup.
Cup, *banbati*, Kamrup.
Tray, *tima butah*, Kamrup.
Cup, *falaiban*, Kamrup.
Water-goblet, *jhareq*.
Tray, *butah*, Kamrup.
Goblet, *lutah*, Kamrup.
Goblet, *dogdogdy, lutah*, Kamrup.
Water-pots, brass, *gharras*, Kamrup.
Water-pots, brass, *kulah*, Kamrup.
Water-pots, small, *lutah*, Kamrup.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASS XXXVIII.—COTTON FABRICS.

Petticoat, *fanck*, Kachar.
Jacket or spencer, *kurti*, Kachar.
Dressing-sheet, *chadar*, Kachar.
Female dress, *chadar*, Kachar.
Dancing-dress, *chadar*, Kachar.
Turban, *pagri*, Kachar.

Scarf, *khesh*, Kachar.
Blanket, *langdhang*, Kachar.
Quilt, *puri*, Kachar.
Colored Manipuri cloths, *puri*, Kachar.
Quilt, *puri* Kachar.
Sheet, *khesh*, Sylhet.
Mosquito-curtain, *machari*, Sylhet.
Waist-cloth and sheet, *dhuti and urni*, Sylhet.
Shawl, *khunia kapar*, Kamrup.
Colored cloths, *khunia kapar*, Lakhimpur.
Waist-cloth, *ganda*, Garo Hills.
Head-dress, *sipat pagri*, Garo Hills.
Waist-cloth, *rikhing*, Garo Hills.
Shawl, *khunia kapar*, Sibsagar.
Petticoat, *punithit fanck*, Manipur.
Sheets, *phi arangba chadar*, Manipur.
Sheets, *odah chadar*, Manipur.
Sheets, *kungthol phida*.
Counterpane, *dulai phi*, Manipur.
Counterpane, *marikpa phi*, Manipur.
Sheet, *chumbari chadar*, Manipur.
Petticoat, *chumbari chadar*, Manipur.
Sheet, *chadar*, Manipur.
Waist-cloth, *dhuti*, Manipur.
Sheet, *lalphi*, &c., Manipur.
Waistband, *kamarband*, Manipur.
Sheet, *giniol chadar*, Luiyeng, &c., Manipur.
Turbans, *pagris*, Manipur.
Petticoat, Manipur.
Waistband, *kamarband*, Manipur.
Black turban, *kala pagri*, Manipur.
Sheet, *chadar*, Manipur.
Head-dress, *kajai lik charik*, Manipur.
Waist-cloth, *dhuti*, Manipur.
Sheet, *chadar*, Manipur.
Counterpane, *phibong*, Manipur.
Petticoat, Manipur.
Black sheet, *kala chadar*, Manipur.
Waist-cloth, *dhuti*, Manipur.
Black sheet, *kala chadar*, Manipur.
Petticoat, Manipur.
Waistband, *kamarband*, Manipur.
Sheet, *chadar*, Manipur.
Petticoat, *chadar*, Manipur.
Sheet, *chadar*, Manipur.
Counterpane, *dulaiphi*, Manipur.
Sheet, *chadar*, Manipur.
Head-dress, Manipur.
Waist-cloth, *dhuti*, Manipur.
Sheet, *chadar*, Manipur.
White sheet, *chadar*, Manipur.
Black ditto, *chadar*, Manipur.
Petticoat, Manipur.
Sheet, *chadar*, Manipur.
Petticoat, Manipur.
Waist-cloth, *dhuti* with kowri ornaments, Manipur.
Sheet, *chadar*, Manipur.
Hair girdle, Manipur.
Sheet, *chadar*, Manipur.
Turban, *pagri*, Manipur.
Blue, white, and red sheets, *chadar*, Manipur.
Petticoat, Manipur.
Sheet, *chadar*, Manipur.
Turban, *pagri*, Manipur.
Petticoat, Manipur.
Sheet, *chadar*, Manipur.
Counterpane, Manipur.
War head-dress, Manipur.
Petticoat, *nassal and ning-kham fanck*, Manipur.
Turban, *khadanjit*, Manipur.
Sheet, *chadar*, Manipur.
Sheet, *maibis chadar*, Manipur.
Petticoat, *maibis fanck*, Manipur.
Jacket, Manipur.
Colored petticoat, *fanck*, Manipur.
Petticoat, kamingbi, *napu lei churol fanck*, Manipur.
Sheet, *kumil, kanak mabi khangban khangoi*, Manipur.
Ornamental table-cloth, Manipur.
Mikir male apparel, Nowgong.
Khasi male dress, Khasi Hills.
Khasi female dress, Khasi Hills.
Kutcha Naga cloth, *masi kesha*, Naga Hills.
Angami cloth, *padi*, Naga Hills.
Kohima cloth, *lea musi kwa*, Naga Hills.
Serna cloth, *kilsi kwa*, Naga Hills.
Nettle cloth, *luvi kwa*, Naga Hills.
Naga cloth, guimbo, Naga Hills.
Chakrima cloth, *muti*, Naga Hills.
Women's cloth, *kwemba*, Naga Hills.
Lhota cloth, *kwemba*, Naga Hills.
Kutcha Naga cloth, *kinhani*, Naga Hills.
Kutcha Naga cloth, *vakwa*, Naga Hills.
Angami cloth, *loha*, Naga Hills.
Kuki cloth, Naga Hills.
Eastern angami cloth, *mehia*, Naga Hills.
Kutcha Naga cloth, *mukro*, Naga Hills.
Waistband, *serha*, Naga Hills.

CLASS XL.—SILK FABRICS.

Shawl, *eria, eria borkapar*, Darrang.
Muga cloth, *muga kapar*, Sibsagar.
Waist-cloth, *mekkela suria*, Sibsagar.
Shawl, *borkapar*, Goalpara.
Sheet, *pusra, tinrangi, charangi, panchrangi*, Goalpara.
Bed-sheet, Goalpara.
Sheet, *charangi*, Goalpara.
Colored sheets, Naga Hills.
Black, red, and yellow silk waistbands, *kamarband*, Manipur.
Silk embroidered coat, Manipur.
Yellow, green, and white silk waist-cloth, *dhuti*, Manipur.
Green silk waistband, *kamarband*, Manipur.
Yellow, white, and red silk waistbands, *kamarband*, Manipur.
Namthang *khulat*, Manipur.
Petticoats, *figi, tung kap*, Manipur.
Red silk waist-cloth, dhuti, Manipur.
Silk shawl, *lalphi*, Manipur.

CLASS L.—JEWELRY AND PRECIOUS STONES.

Necklace, *gazera*, Sibsagar.
Earrings, *lokaparah*, Sibsagar.
Earrings, *kheru*, Sibsagar.
Necklace, *golpotta*, Sibsagar.
Head-ornament, *kopali*, Sibsagar.
Silver bangles, *kharu*, Sibsagar.
Silver tray, *butah*, Sibsagar.
Small tray, *tema*, Sibsagar.
Cup, *bati*, Sibsagar.
Ring, *angothi*, Lackimpur.
Brooch, *junbiri*, Darrang.
Earrings, *kariya*, Kamrup.
Bracelet, *muthi kharu*, Kamrup.
Gold chain, *har*, Kamrup.
Necklace, *har*, Kamrup.
Bracelet, *kharu*, Kamrup.
Gold necklet, Khasi Hills.
Earrings, Khasi Hills.
Ear-pin, Khasi Hills.
Ear-chain, Khasi Hills.
Silver necklace, Khasi Hills.
Silver crown and plume, Khasi Hills.
Silver bangles, *khuji*, Manipur.
1 pair gold earrings, Manipur.
1 gold necklace, Manipur.
1 gold necklace, Manipur.
1 gold necklace, Manipur.
1 gold necklace, Manipur.
1 pair gold bracelets, Manipur.
1 pair small, Manipur.
1 pair small, Manipur.
1 gold ring, Manipur.
1 gold ring, Manipur.
Silver pipe, *neicha*, Manipur.
Silver glass, Manipur.
Silver glass, Manipur.
Silver lime-box, Manipur.
Silver tray, *pandan*, Manipur.
Silver tray-stand, Manipur.
Silver earrings, Manipur.
Gold necklace, *keanglik fand*, Manipur.
Gold necklace, *lik khome*, Manipur.
Gold necklace, *kailome mapan*, Manipur.
Gold necklace, *lik parang*, Manipur.
Gold necklace, *liklu macha parang*, Manipur.
Gold ring, *khudope*, Manipur.
Gold bracelet, *khuji*, Manipur.
Gold earring, *kundali*, Manipur.
Gold earring, *chunai*, Manipur.
Gold head-ornament, *chitraballi*, Manipur.
A silver-mounted hukka, *hitacphu yamba*, Manipur.
A silver-mounted spittoon, *kwasen*, Manipur.
A pair of silver bracelets, *khuji*, Manipur.
A silver cross chain for dancing-girls, *prisindri*, Manipur.
Silver ornament for dancing-girls, *khangtom*.
1 brass ornament for head, *kaijenglik*, Manipur.
Ivory mat, Manipur.
Ivory mat, Manipur.
Elephant's feet foot-stools, Nowgong.
Rhinoceros foot and horn tobacco-box, Nowgong.
Three boxes carved in ivory, Goalpara.
A large collection of spears, dhaos, shields, &c., in use among the different hill tribes in Assam.
Heads and horns of deer peculiar to Manipur.
Buffalo heads and horns.
Elephant's skull with tusks.
Elephant's tusks.
Ornaments of various kind in use among the different hill tribes in Assam.

BENGAL.

SECTION A.—FINE ARTS.

CLASS I.—PAINTINGS AND DRAWINGS.

Portrait of Nawáb Jaswant Khán, of Dacca, artist unknown, sent by Nawáb Ahsanulla, Khán Bahádur, Dacca.

Portrait of Nawáb Nasrat Jang, of Dacca, artist unknown, sent by Nawáb Ahsanullá, Khán Bahádur, Dacca.

Portrait of Nawáb Shamsu-d-daulat, of Dacca, artist unknown, sent by Nawáb Ahsanulla, Khán Bahádur, Dacca.

Two portraits painted on ivory—A landscape on paper and an etching by Manik Chand, Draftsman, East Indian Railway, Locomotive Department. Sent by D. Campbell, Esq., Locomotive Superintendent, Jamalpur.

Picture sent by Sheo Lall, through the Patna Local Committee.

Picture showing the genealogical table of the Máhárájá of Dumráon. Sent on loan by the Máhárájá, through the Local Committee of Shahabád.

Two pictures representing sports of Krishna, presented by the Raja of Daspallá (Cuttack).

Picture of the temple of Jagannath and of the different ceremonies performed therein. Sent for sale by the Local Committee of Puri. Price Rs. 40.

CLASS III.—ARCHITECTURAL DRAWINGS AND MODELS.

Model of Sher Sháh's tomb at Sásserám, presented by Babu Rájrájeswari Prasád, of Surajpura, Shahabad.

CLASS V.—PHOTOGRAPHS.

Four photographs, sent on loan by Mr. Henry Beck, of Púri. Three are of the cars of Jagannáth, Balabhadra, and Subhadrá, and one of their garden-house (*Gundi Chabari*).

CLASS VI.—WORKS OF ART NOT SPECIFIED.

(a)—Ivory Carving.

Circus in carved ivory, made by Trailakyanath Mistri, of Inaiyatullah, Baluchar, district Murshidabad. Lent by Raja Haranath Ray Chaudhri, Bahadur, of Dubalpati, Rajshahi.

The following articles of carved ivory were lent by Nawáb Ali Kadr Sayyid Husan Ali Bahádur, of Murshidabad:—

Chessmen.
Two dák palanquins (*palkis*).
Cart (*sagargari*).
Jagannath's cart (*Jagannather rath*).
Peacock-faced boat (*mayur pankhis*).
Ganes.
Siva Gauri.
Jagaddhatri.
Saraswati.
A woman with water-pot.
A woman holding a child.
A fight between mice and frogs.
Ox
Ox-cart.
Plough.
Ekka.

Boat (*chhip*). This boat and the following are used by persons of rank.
Boat (*parinda*).
Country-boat.
Walking-stick in carved ivory, made at Murshidabad, and lent by Rai Sital Chand, Rai Bahádur, of Azimganj.
An ivory flapper (*chauri*), manufactured in Cuttack and lent for exhibition by Maharani Swarnamayi, C.I.E., of Kasimbazar, in the district of Murshidabad.
An ivory dancing group and an equestrian figure, manufactured at Murshidabad lent for exhibition by Maharani Swarnamayi, C.I.E., of Kasimbazar.
Collection of 16 articles in carved ivory, made at Murshidabad, and lent for exhibition by Babu Bansi Dhar Rai, Deputy Magistrate.
An ivory bird-cage, sent on loan by the Gya Public Library.
Pictorial ivory playing-cards (*ganjifa*), presented by Maháráját Rádhá Prashá Singh Bahádur, of Dumráon.
An ivory and a sandal wood flapper, sent on loan by Maháráját Lakshmeswa Singh Bahádur, of Darbhánga.
Four miniature images carved in ivory, viz. a man in a chair, a lion, a bull, and deer, presented by the Rájá of Daspalla (Cuttack).
Two images (*patula*), carved in ivory, sent on loan by the Rájá of Khandpár (Cuttack).
Ivory flapper (*chámar*), used for fanning idols. Sent on loan by the Maháráját o Keunjhar (Cuttack).
A set of chessmen and an ivory image, sent on loan by the Rájá of Nayágar (Cuttack), very finely carved.
Images of Rám and Lakshman, the heroes of the Rámáyana, finely carved in ivory representing the two brothers issuing forth with their bows and arrows t fight with the demon Rávana. Sent for sale by Babu Nandkishor Dá Price Rs. 12-4 each.
Image of the Sun-god, finely carved in ivory, sent by the Rájá of Rampu (Cuttack), price Rs. 8-4.
Ivory almira made by Zahur Mahmud, of Kakinia, in the district of Rangpur, an lent for exhibition by Babu M. R. Ray Chaudhuri, of that district.
Ivory fan (*pankha*), maker unknown, manufactured at Punga, thana Barabar district Rangpur, and lent for exhibition by Babu Gobind Lal Ray, Tezhat.
Ivory pen-case (*kalmdán*)—maker unknown—manufactured in thana Barabár and lent for exhibition by the Collector of Burdwan. Articles of th kind can be procured to order from thana Barabari.
Ivory ornament (*karna changa*)—made by the Tipperas of Hill-Tippera, an purchased for exhibition for one anna by the Branch Committee of th Tippera district.
Ivory instrument for hair dressing (*chuler kanta*), ditto ditto, purchased for 7 anna
Ivory bangle (*baluya*)—ditto ditto, purchased for one rupee.
Ivory chessmen (*daba*)—manufactured by Safar Ali, of Chittagong, and purchase for Rs. 3 by the Local Committee of that district.
Ivory ditto, manufactured by ditto, purchased for Rs. 20 by the Local Committe of the Chittagong district.
Ivory (*chauri*)—manufactured in Cuttack, sent for exhibition by Dr. Ram Da Sen, of Barhampur, in the district of Murshidabad.
Ivory nautch—manufactured in Murshidabad and lent for exhibition by Bal Radhika Charan Sen, of Barhampur.
Ivory horseman (*sawár*), ditto ditto.
Ganes-Janani, sent on loan by Babu Rúp Lál Raghu Náth Dás, through th Local Committee of Dacca.
Ivory fan, ditto.
Mayur pankhi boat, ditto.
Date-tree, ditto.
Gonesh (god), ditto.

Two *munal* of ivory, sent by Babu Nand Kishor Dás, of Cuttack, price Re. 1-8 each.

One pair of ivory combs, sent by Babu Nand Kishor Dás, of Cuttack, price Re. 1.

Five *phurná* or *kánta*, made of buffalo horn, generally used by native ladies to keep powder, &c., for the toilet. Sent for sale by Babu Nand Kishor Dás, of Cuttack. Price Rs. 2 each.

Ivory mat, made by the artist attached to the Darbhángá estate at an estimated cost of Rs. 1,325, the strips of ivory with which the mat is woven being supplied by the Ráj. Presented by the Mahárájá of Darbhángá.

Ivory combs, sent by the Patna Committee. Price Rs. 3-4.

(b)—Horn Manufactures and other Knick-nacks.

One pair of horn scent-bottles, sent for sale by Babu Nand Kishor Dás, of Cuttack. Price, Rs. 2.

Two pairs of cruet-stands (*másladán*), sent for sale by ditto. Price Rs. 2 and 3.

One set of *munals*, 5 in number, sent by ditto. Price 4 annas each.

One set of *munals*, 3 in number, sent by ditto. Price 2 „ „

Four cigarette-holders, of horn, sent by ditto. Price 4 „ „

Box made of buffalo-horn, purchased at Rs. 10-8 by Uma Churn Ganguli, Sub-divisional Officer of Sátkhira, Khulna district.

Pictorial playing-cards made of paste-board, tin, and fish scale. Purchased by the Collector of Shahabad for Rs. 2, Rs. 4-8, and Rs. 5 respectively.

(c)—Caligraphy.

MSS. lent for exhibition by Nawáb Ali Kadr Sayyid Hasn Ali Bahádur, of Murshidabad.

A Persian work, transcribed about 250 years ago by Mir Imad, of Persia; said to be the best of the Persian caligraphers. The book is profusely illuminated with gold and enamel.

MURAKKA—A Persian scrap book, cantaining the best specimens of handwriting collected for the Emperor Aurangzeb in the year 1102 Hijra (1681 A.D.) It contains also a number of pictures illuminated with gold.

KATA'ÁT IBN EMAN.—A poetical work in Persian, transcribed before the time of the Emperor Akbar, and written in a beautifully fine hand by Sultan Ali Mushadi. It belonged to the Emperor Jahángir, and bears a few autograph lines by the Emperor Shah Jahán.

HAFTA BAND KISHI—A poetical work in Persian, transcribed for Ghaziu-d-din Haidar, Nawáb of Oudh, by Hafiz Ibráhim, one of the best caligraphers of the time.

A prayer book in Arabic by Khwaja Nasaru-d-din, transcribed by Haji Muhammad Muhsin, the founder of the Muhsin Endowment, in the year 1179 Hijra.

Scrap-book (*Murakka*)—A collection of original portraits by noted Indian artists of eminent men and historical celebrities, including the Emperors Aurangzeb and Jahángir, Malika Zaman, wife of the Emperor Farrukh Siyyar, Nadir Shah, Shaikh Sadi Shirázi, the author of the Gulistan and Bostán, &c. The work contains also a number of beautiful Persian MSS., written by Muhammad Ali Ijáz Rahím, of Murshidabad, and others. This collection is an heirloom in the family of the exhibitor Sayyid Muhammad Khán Bahádur, Deputy Magistrate, Muzaffarpur.

An old Thibetan manuscript, written in silver. Sent on loan by Babu Sarat Chandra Dás, through the Deputy Commissioner of Darjiling.

Yusuf Zulaikha, a manuscript sent on loan by Mahárájá Radhá Prasad Singh Bahádur, of Dumraon, Shahabad.

Palm-leaf drawing and writing, presented by the Raja of Daspallá (Cuttack).

Two palm-leaf drawings and writings. Sent for sale by the Puri Local Committee, price Rs. 4 and Rs. 3 respectively.

Perpetual Calendar, sent on loan by Babu Jagat Ballabh Ghosh, of Cuttack.

Universal illustrated horoscope, with drawings representing the different systems of yoga, with a circular drawing representing the 12 signs of the zodiac, exhibited by Babu Tarini Charn Neogi.

(d)—Clay Models.

Clay model of an old man made by Kali Chárán Mistri, of Boraya, and model of a buffalo by Nadiram Mistri, of Patilpara, Kalna. Sent by Babu Banamáli Nandi, of Baidpapur, through the Local Committee of Burdwan. For sale, price Re. 1 each.

Clay models representing Bengali ceremonials, viz. birth of a child, marriage, festival connected with the worship of Kali, sick bed, and a funeral (cremation). Made under the direction of Rai Kanny Lal Dey Bahadur and Baboo Trailokya Nath Mukharji, by the potters of Ghurnia, Krishnaghar.

A collection of 66 clay models of fruits, manufactured by Hanuman Prasad. Sent for exhibition by the Maharaja of Hatwa.

Ditto of 25 clay models of fish, manufactured by Bhubaneswar Misra, of Datanpura, in the district of Saran. Sent for exhibition by Babu Indra Kumar Singh of Chapra.

(Ordinary clay models are included under Class XXXV, Toys).

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASS VII.—EDUCATIONAL APPLIANCES, MODELS OF SCHOOLS, SCHOOL FURNITURE AND BOOKS.

Letters cut out of paper, sent on loan by the Subdivisional Officer of Jahánábád district.

CLASS VIII.—MAPS, CHARTS, AND GEOGRAPHICAL APPARATUS.

Map of Shárfá, sent on loan by Baboo Sarat Chandra Dás, through the Deputy Commissioner of Darjiling.

Economic geological maps of Monghyr district, by Mr. Lockwood, C.S. Sent on loan by the Collector of Monghyr.

CLASS IX.—SPECIMENS OF WORK DONE BY PUPILS IN SCHOOLS.

Carpet work, 12 pieces, made by the pupils of the Eden Female School at Dacca.

A piece of carpet made by Syama Sundari Dasi, daughter of Baboo Ananda Mohan Dás of Dacca.

Six specimens of carpet and needlework done by Uriya girls from 8 to 10 years old, who have been in school for a few months only. Sent from the Municipality Girls' School of Cuttack. Price Re. 1-4, 1-3, 1-4, 1-2, 10 annas, and Re. 1 respectively.

The Hindi Alphabet (*Barn-mala*), a specimen of caligraphy in Hindi of an Oráon student, lithographed by Oráon Christians. Presented by W. Kiefel, Esq., Germam Evangelical Lutheran Mission, Ránchi. Sent through the Local Committee of Lohardega.

CLASS XI.—STATIONERY AND ARTISTS' MATERIALS.

Style (*Lekhan*).—This, and the leaf of the palm-tree were the only stationery formerly used by the Uriyas for writing purposes. The blade is used for cutting the palm-leaf to the required shape, and the fine round point for writing. Presented by the Rájá of Talcher through the Cuttack Local Committee.

Ditto sent for sale by Govind-Bindhári Rái of Kandpárá, Cuttack. Price Rs. 5.

Ditto sent for sale by the Rájá of Ranpur, Cuttack. Price Re. 1-6.

Ditto purchased by the Cuttack Local Committee. Price 4 annas.

CLASS XIV.—MUSICAL INSTRUMENTS.

A Collection of Musical Instruments lent by Raja Sourindro Mohun Tagore, Mus. Doc., C.I.E.:—

KACHCHHAPÍ VÍNÁ.—A very classical instrument, popularly known as the *kachuá setár*. It owes its name to the shape of the gourd, which is flat like the back of the *kachchhapa* (tortoise). The present name "setár" (literally "three wires") was given to it by Amir Khushru (a poet and musician of the 13th century), on account of the number of wires with which it was then mounted. The wires now used in it vary from five to seven. The instrument is said to have been the favourite of Saraswatí, the Goddess of Music. The specimen exhibited is the handiwork of Sukhlal, a celebrated instrument-maker of Dacca.

KACHCHHAPÍ VÍNÁ.—The specimen exhibited is made of ivory.

KACHCHHAPÍ VÍNÁ.—The specimen exhibited once belonged to the historic house of the Rajás of Bishnupur in the district of Bankura, once very famous for the encouragement given by it to the practice of Hindu music. A present to the exhibitor from the late Keshab Chandra Bhattacharjya, a renowned musician of Bishnupur.

KINNARI VÍNÁ.—The hollow of this instrument is, in some specimens, made of eggs, and in others of precious metals. In construction, tuning, &c., it resembles the *kachchhapi viná*, though smaller in size. This instrument was in former times used by women, and is said to be the origin of the *kinor* of the Jews.

MAHATI VÍNÁ.—This is the most classical, and perhaps the most difficult, of the musical instruments of the Hindus. Its invention is ascribed to the pious sage Nárada, who used it to accompany his hymns to the Deity. It consists of five main wires and two side wires, the latter being used for the purpose of giving an artistic accompaniment to the performance. This instrument is said to be the mother of several varieties of stringed instruments used in ancient and modern Europe. The instrument is popularly called in India the "bin," a corruption of the term "*viná*."

NADESVARA VÍNÁ.—A very modern instrument, being a combination of the *kachchhapi viná* and the violin. The instrument is tuned and played upon like the *kachchhapí*.

SAUKTIKA VÍNÁ.—A variety of the *kachchhapí Viná*. The hollow of the instrument is made of mother-of-pearl.

SURBAHAR.—This is an enlarged variety of the *kachchhapí Viná*, devised about 60 years ago by Ghulám Muhammad Khán, a noted musician of Lucknow. The instrument is specially adapted for the playing of the *alapa*, *i.e.*, the expression of a melody in all its phases. The specimen exhibited can be taken into three pieces and packed in a circular box. It was manufactured by Ram Chand Mistri, of Calcutta.

TRITANTRI VÍNÁ.—A variety of the *kachchhapi viná*. The hollow of the instrument is flat, and in some specimens made of wood. That exhibited belonged to the late Babu Ashutosh Deb, Calcutta, a well known practical musician. The instrument was subsequently presented to the exhibitor by the late Babu Sarat Chandra Ghosh, a member of the house of the former owner, and was made by Madhu Mistri, formerly a famous setár-maker of Calcutta.

TRITANTRI VÍNÁ.—The specimen exhibited was manufactured for the exhibitor in Brussels, under the direction of Chevalier Victor C. Mahillon, Superintendent of the Royal Conservatory of Music, Brussels.

(2) *Played upon with an Iron Jawa (plectrum).*

PRASARANI VÍNÁ.—This is a modern instrument, constructed on the principle of the *kachchhapí Viná*, but without side wires and with a subsidiary finger-board. It is mounted with three wires, respectively tuned as the F, C, and G of the lower octave.

SURSRINGARA.—This instrument is a mixture of the *mahati*, *kachchhapí*, and *rudra vinas*, devised by the celebrated *viná* player, Piyár Khán. The instrument is, like the *rudra viná*, placed against the shoulder of the player. It is mounted with six wires, and to its narrow end is attached a hollow gourd to increase the volume of sound produced.

(3) *Played upon with a Wooden Jawa.*

RUDRA VÍNÁ.—Now known as "rabáb" among Muhammadan musicians of Persia and Afghanistan, and "rubáb" among those of Arabia. It is mounted with six strings made of cat-gut, and is said to be the prototype of the mandoline, Spanish guitar, and other instruments of a similar construction. The instrument has no frets arranged over the finger board.

SAROD.—An instrument much used by musicians of the North-Western Provinces of India. It was formerly used in out-door royal processions. Like the *rudra viná*, it is mounted with cat-gut strings, which are, however, tuned on a different principle. Unlike the *rudra viná*, it is mounted with side wires, varying in number from seven to eleven.

(4) *Played upon with the Bow.*

KLABA SARANGI.—A very old instrument, called by some European writers on Hindu music the "Indian violin." The surface of the instrument is like that of the violin, and there is a hollow gourd under it. The instrument is known among Muhammadan musicians as *kamarcha*.

MINA SARHANGI.—So called on account of the figure of a fish (*mina*) attached to the end of the hollow. In all other respects it resembles the *esrar* or *tayús*. The back of this instrument ought to be made of one entire piece of gourd, but this being rare, a wooden back is frequently used.

PADATARANGA.—This is a large stringed instrument, producing a deep bass sound, and used in the native orchestra. A modern instrument, constructed on the principle of the *esrar*, of which it is merely a large variety, without the side wires.

SARANGI.—This instrument is generally used to accompany dancing and light songs, and is peculiarly adapted to the female voice. The *sarangi* is mounted with four cat-gut-strings and side wires of brass, the number of the latter varying at the will of the player. Rávana, the monster-king of Lanká (Ceylon), is said to have been the originator of instruments of this description.

URSONG.—The instrument is merely the *esrar* without the side wires. It is a modern invention, said to have been made by Sebarám Dás, of Bishnupur, in the district of Bankura, Bengal.

WARAVINA.—Popularly called the "surbin." The instrument is classical, and somewhat resembles the *rudra viná* in appearance. The surbin is mounted with four strings, and is capable of producing three octaves of sound.

TAYÚS OR MAYÚRI.—The instrument derives its name from the figure of a *mayura* (peacock—*Persian*, tayús) which is attached to the hollow. The addition of the figure constitutes its sole difference from the *esrar*.

(5) *Played upon with the Tips of the Fingers.*

MAHA TUMBURA.—A large variety of the *tumbura* (*vide* 25). Generally used in native orchestras. The specimen exhibited is the work of Ram Chand Mistri, of Calcutta.

MOCHANGA.—A very classical instrument, somewhat resembling the head of a trident. The instrument has to be held with the teeth, by the left hand, while the wire is gently tapped with the fore finger of the right. Only one note is produced, the pitch of which can be regulated by the use of wax, or of a paste of flour over the wire.

TUMBURA OR TUMBURA VINA.—So called after the celestial musician Tumbura, who invented it. The instrument is at present mounted with four strings, which serve the purpose of an unvarying accompaniment to vocal music. The object of the *tumbura* is mainly to indicate the key-note adopted. The instrument has been in use in various countries, in the east and west, from ancient times, under different names, and with varieties of construction and modes of tuning.

FLUTE—(*bansi*), made of bamboo, presented by Mr. Burnell, of Udaliya, district Chittagong.

FLUTE—(*bansi*), made of bamboo, purchased by the Local Committee, Chittagong, price 4 annas.

FLUTE—(*murali*), made of bamboo, purchased by the Local Committee, Chittagong, price 2 annas.

FLUTE—(*pinak*), made of bamboo and played with the nose, purchased by the Local Committee, Chittagong, price 2 annas.

JHANJARI—made of reed and played with the hands, purchased by the Local Committee, Chittagong, price 8 annas.

KHANJANI—made of wood and skin and played with the hands, purchased by the Local Committee, Chittagong, price 4 annas.

Two thighbone trumpets (*kanli*), mounted in brass, made in Bhután. Sent on loan from the Padong Monastery, near Kalimpong, through the Deputy Commissioner of Darjiling.

One pair of cymbals (*rems*), on brass mounted case, made in Bhután, sent on loan by Tenduk Pálgar, of the Bhutia Basti, Darjiling, through ditto.

One pair of silver mounted trumpets (*gyaling*), made in Bhután, and used in Buddhist worship. Sent for sale by Nim Sring Munshi, of Kalimpong. Price Rs. 200.

One pair of copper trumpets (*radu*), made in Bhután. Sent for sale from the Kyansa Monastery, near Kalimpong. Price Rs. 60.

Drum (*dumru*), made of two skulls, made in Thibet, purchased by the Deputy Commissioner of Darjiling for Rs. 5.

Bell (*tipu*), made in Thibet. Ditto for Rs. 5.

Cymbal (*tingsa*), made in Thibet and struck with a horn. Ditto Rs. 5.

Bell (*tipu*), made in Bhután. Sent on loan from the Padong Monastery, near Kalimpong, Darjiling district.

Ditto, smaller, made in Bhután. Sent by Chusan Gempu, of Padong Kalimpong, Darjiling district.

One set of horse-bells (*yarga*), 16 in number, made in Thibet. Sent for sale by Tenduk Pálgar, of Bhutia Basti, Darjiling. Price Rs. 5.

Steel wire for guitar (1) for the *setár* and (2) for the *támburá*), sent for sale by the Maháráját of Keonjhar (Cuttack), price Rs. 4-2 and 1-2. These wires enjoy a high reputation throughout India.

CLASS XV.—SCIENTIFIC INSTRUMENTS.

1 Astronomical Instrument (*alad najúmi*), more than 200 years old; the pattern said to have been brought from Central India. Lent by Maulvi Fazli Rahman of Patna.

SECTION C.—HEALTH.

CLASS XX.—HOSPITAL APPLIANCES.

Ivory stethescope. Sent by Babu Nand Kishor Dás, of Cuttack. For sale. Price Rs. 8-2.

Set of four surgical instruments made by Etwari Mistri, of Chapra, and exhibited for sale by the Civil Surgeon of Saran. Price Re. 1-8 each.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES.

CLASS XXIII.—FURNITURE AND UPHOLSTERY.

A toilet table slab, with scroll work back and sides for two basins, made of stone obtained from the quarries in the Kajra hill, in the Monghyr district, under the management of Messrs. Ambler & Co. For sale, price Rs. 18.

A circular teapoy of stone, top-beaded, exhibited by ditto, price Rs. 3-8.

A balcony of stone, flowered and pierced, exhibited by ditto, price Rs. 12.

One octagonal and one elliptical stone chair. Purchased by the Local Committee of Shahabad, at Re. 1 each.

CLASS XXIV.—GLASSWARE OF ALL KINDS.

No glassware of any importance is made in Bengal outside Patna. The manufacture of glassware in Patna has been carried on for many years. Of late it has received an impetus from the large demand for table ornaments and other articles. The following specimens of Patna glass manufacture have been received:—

Paper-weight (*chapa*), an imitation of English glass sent on loan by Munshi Muhammad Amir of Patna through the Local Committee.

Glass draftsmen (*chauser*), sent by ditto.

Chessmen, sent on loan by Rái Káshi Prashád, of Patna.

Icepail (*barafdan*), sent for sale by Munshi Muhammad Amír, of Patna, price Rs. 17.

Water-goblet (*surahi*), sent by ditto, price Rs. 12.

Looking-glass, price 1½ annas.

The Local Committee have also sent the following articles for sale:—

Manufactured by the firm of Husain Bukhsh.

				Rs.	A.	P.	Rs.	A.	P.
Flowerpot (*phuldan*)	...	...	...	.....			0	2	0
Gamla phuldan	...	...	...	.....			0	2	0
Phuldans,	at annas	2 to annas 8 each	...	.....			.....		
Three *phulchangera*	„	8 „	...	.....			1	8	0
Ten coolies	„	2 „	...	.....			1	4	0
Surahis	„	4 to Re. 1 „	...	.....			.....		
Two *gurguris*	„	8 „	...	.....			1	0	0
Two *phuldans*	„	4 „	...	.....			0	8	0
Jugs	„	4 & annas 8 „	...	2	8	0 &	0	8	0
Gamla ...		...	...	0	4	0 &	0	6	0
Phuldán ...		...	...	0	8	0 &	0	4	0
Drinking-vessel (*abkhora*) ...			...	.....			0	8	0

	Rs.	A.	P.	Rs.	A.	P.
Distilling medicine				1	8	0
Rhuldán				2	0	0
Four *abkhoras* at annas 8 each				2	0	0
Bottle				1	0	0
Two *badkhis*, at Re. 1 each				2	0	0
Sugar-pot (*misridán*)				1	0	0

Manufactured by the firm of Miya Jan.

Bottles, at Re. 1 each				
Mug	3	0	0	
Barafdán	3	0	0	
Badhni	1	8	0	
Hukka with *thál*	25	0	0	

A collection of articles made of glass beads by a respectable native lady, and sent by Babu Nilambar Neogi through the Local Committee, Hughli.

	Rs.	A.	P.
Chaturdol made of beads (*putir chaturdol*)	8	0	0
Table looking-glass (*putir ayna*)	5	0	0
Easy chair (do. *aram kedara*)	4	0	0
Wine-glass (do. *gelas*)	1	0	0
Tea kettle (do. *char-dekchi*)	2	0	0
Tea-pot (do. *cha dani*)	2	0	0
Sugar-pot (do. *chini-dani*)	3	0	0
Tea-cup with saucer (do. *pirich-peyala*)	2	0	0
Dish with cover (dish with *dhákan*)	1	8	0
Glass with cover (*gelas* with *sarposh*)	1	0	0
Sofa couch (*koch*)	6	0	0
Round table (*gol mez*)	6	0	0
Armless chair (*kedara*)	2	0	0
Elizabeth chair (do.)	3	0	0
Scent-holder (*itardan*)	5	0	0
Rose-water sprinklers (*golabpash*)	2	0	0
Oil-pot (*tel bati*)	1	0	0
Wooden bowl (*kanta*)	1	8	0
Flower casket (*phuler sáji*)	2	0	0

CLASS XXV.—STONE UTENSILS, POTTERY, PORCELAIN, AND EARTHENWARE.

(*a*)—*Stone utensils.*

Three platters (*thálí*) and 6 saucers or plates (*tastaris*) of stone, made from the quarries in the Jamálpur hill by the local stone-cutters. Purchased by the Collector of Monghyr and sent through the Monghyr Branch Committee.

Surdhi and a jar with cover, sent on loan by Rájá Rám Bahádur.

Cup, with cover and tray, sent on loan by the Gya Public Library.

Leaves of stone, ditto ditto ditto.

Jar with cover, ditto ditto ditto.

Cups, sent on loan by the Gya Public Library.

Tray in variegated stone, ditto ditto.

Hukka, ditto by Babu Kanhya Lall Dheuri, Gyawál.

Stone pot and a Sasseram stone pestle and mortar. Presented by Babu Rájrájeswári Prasad, of Surajpur, Shahabad.

Ditto, presented by Mr. C. B. Caspersz, Subdivisional Officer of Sasseram.

Two stones for rubbing sandal wood. Presented by the Rájá of Dhenkanal (Cuttack).

Two stone cups, ditto.

(*b*)—*Pottery.*

Two goblets (*surdhi*)—Made at Harispur, in the district of Tippera, and purchased by the Local Committee of that district. Price 4 annas.

Two cups (*bati*)—Purchased by the Local Committee of the Tippera district. Price 2 annas.

Three *kalkis*—Purchased by the Local Committee of the Tippera district. Price 2 annas.

A collection of 55 specimens of Sewan pottery. This pottery is an imitation of that made at Azimgarh, in the N.-W. Provinces, and has been much improved of late years by careful supervision. The specimens exhibited are made by Badri Kumhar, the most skilful potter of the district, and were purchased for exhibition by the Branch Committee of the Saran district. Prices varying from 6 pie to Rs. 4.

Tea-pot (*chahdáni*) and butter-pot (*makhandáni*).—Manufactured by Bándh Kumhár, of Sitamarhi, and purchased by the Branch Committee of that place. Price 4 annas each.

Collection of Murshidabad pottery (10 pieces), purchased by the Local Committee of that district. Prices varying from 3 pies to 1 anna.

A collection of earthenware purchased for Re. 1 by the Local Committee of Chittagong, consisting of three large earthen plates (*shanaks*), two small earthen pots (*talans*), two large earthen pots (*gajis*), and one large earthen pot (*taila*).

Earthenware pipe bowls (*chhilam*). Sent by the Patna Committee. Price 3½ annas.

A collection of earthenware, purchased by the Local Committee of Muzaffarpur, consisting of 1 sugar-bowl, 1 flower-pot, 1 spittoon, 1 *badhnae*, 1 *abkhora*, 2 *surahis*, 1 *hukka*, 1 *chhilam*, and 1 *gilás*. Prices varying from ½ anna to 8 annas.

A collection of earthenware, consisting of an oil-pot, a dish, a cup, two betel-pots, six small cups, and four smoking-bowls. Purchased by Babu Uma Charan Ganguli, Subdivisional Officer of Satkhira, Khulna district, for Rs. 2-1.

(*c*) *Lacqueredware.*

A collection of lacquered articles, made by Jadubindhu Mistri and Brajakánta Nuri, of Ilámbázár, in the district of Birbhum, purchased from Indra Náráin Khandait, and sent by the Local Committee.

The following is the list of articles received, with prices at which they are sold at the place of manufacture:—

	Rs.	A.	P.
Lacquered articles (*gálár jinis*)	2	0	0
Glove-box (*dastánár báksha*)	0	12	0
Card-box (*taser báksha*)	0	5	0
Pen-tray (*kalamdáni*)	1	0	0
Wool-ball (*bhánta*)	0	3	6
Ruler (*rul*)	2	2	0
Ladies' work-box (*suchsutár báksha*)	2	2	0
Envelope-box (*khámer báksha*)	2	12	0
Solitaire-board with balls (*takhtá* with *guli* or *bhántá*) ...	0	4	0
1 ring-stand (*angulidan*)	2	8	0
Elephant (wood and lac) (*háthi*)	.....		
Paper-weights (*kághaz-chapa*), viz., (*a*) frog, (*b*) fruit in plate (*beng* and *phal*), (*c*) 2 ditto of different kinds	1	0	0

	Rs.	A.	P.
Inkpot (*dawat*)	0	1	6
Two cups and saucers (*pirich-payála*)	0	1	0
Paper-cutter (*kághaz-kata*)	0	4	0
Six fruits of different sorts (*phal*)	0	6	0
1 flower-vase (*phuldáni*)	1	0	0
1 table (*mez*)	7	0	0
1 picture-frame (*chhabir pharma*)	1	11	0
Two goblet-covers (*gelaser dhakna*)	0	6	0

(*See* also Section XXXV, Toys).

CLASS XXVI.—METALWARE, HARDWARE, AND CUTLERY.

(*a*)—*Brass Manufactures.*

A large collection of brassware in ordinary use in Bengal. Sent by Babu Tarak Nath Parámanik, of Calcutta.

Cup consisting of nine cups (*ganja khora*), made by Lal Mahmud, of Chilmari. Thirteen articles, made of *bedka*, a mixed metal consisting of zinc (*rang*) and copper (*tamba*), in the proportions of 100 to 27 (*sao sathais*) or 100 to 25 (*sawai*), made by Moti Kansari of Sewan. These exhibits were purchased by the Chapra Branch Committee for prices varying from 10½ annas to Re. 1.

Spittoon (*pikdán*), ditto, ditto. Local price Rs. 20, selling price Rs. 35.

Collection of 16 bell-metal articles, manufactured by artisans of Murshidabad City, purchased by the Local Committee of that district. Prices varying, according to the weight of the article, from pies 3 to Rs. 13.

A collection of brass and bell-metal manufactures, consisting of a glass, a cup, two dishes, and a *pauli*, purchased by the Local Committee of Rajshahi. Price Re. 2-7, Re. 1-9, Re. 0-13, Re. 0-9, Re. 1-2, respectively.

Aftaba and *chilamchi*, purchased by the Local Committee of Dacca at Rs. 15-12.

A tea-urn of brass, sent by the Local Committee of Patna. Several artisans at Patna are engaged in the manufacture of similar urns, for which there is a constant demand among the better classes of Hindus and Muhammadans.

An ewer (*jhari*), or a pitcher with a long neck and a spout attached to it, used for keeping water. Lent by the Mahárája of Darbhángá. These articles are made by the braziers of Darbhángá, Madhubani, Jhanjhapur, and Madhaipur, in Darbhángá. Price Rs. 6.

Ditto, with a short neck and a spout (*hathar*), sent by ditto. Price Rs. 5-2.

Ditto (*subarna*), sent by ditto. Price Rs. 5-10.

Ditto (*madhari singhi*), sent by ditto. Price Rs. 2.

Ditto (*jhari*), purchased by the Local Committee of Darbhángá. Price Rs. 3-9.

Ditto (*subarna*), ditto Price Rs. 3-2.

Two betel-boxes (*panbata*), made of brass, ditto. Price 13 annas each.

The following articles, used as cooking utensils, and made of brass cast into moulds by the braziers of Kishanganj, have been sent by the maker through the Deputy Collector of the Kishanganj subdivision, Purnia district:—

Large ladles (*bara dabua*).
Ladles, moderate size (*chhota dabua*).
Ladle, small (*chhota dabua*).
Brass large ladle (*petal ka bara dabua*).
Brass spoon (*petal ka chamach*).

Two brass spoons and two brass ladles, purchased by the Local Committee of Purnia, at 8 annas and 12 annas each respectively.

Four *bilauri sarposh*, purchased by the Local Committee of Purnia. Price 12 annas, 10 annas, 8 annas, and 10 annas respectively.

Plate of bell-metal, presented by the Rájá of Khandpárá (Cuttack).

Two ditto, presented by the Rájá of Daspallá (Cuttack).

Four bell-metal cups, presented by the Rájá of Dhenkhánal (Cuttack).

Water-pot of brass (*garu*), presented by the Rájá of Khandpára (Cuttack).

Bell-metal plate (*thála*) and 1 water-pot (*lotá*), sent for sale by the Local Committee of Puri. Price Rs. 11-8 and Rs. 5-4.

Two water-pots (*garu*), sent for sale by the Mahárája of Keonjhar. Price Rs. 5 and Rs. 4-13.

Dish cover (*tastari-ki-jhapti*), made by ladies of the family of Babu Naik Singh, of Munjá. Purchased by the Local Committee of Muzaffarpur for Rs. 5-8.

Inkstand with a brass inkpot. Purchased by the Local Committee of Shahabad for Rs. 5.

Cup, purchased by the Local Committee of Nadiya from Tárak Nath Karmakár of Senhat for Rs. 4.

Hukka manufactured by Hira Lál Singh of Murshidabad and exhibited for sale by Fuzlu-i-Dali. Price Rs. 16.

Liquor-horn pointed in brass (*dammo*), made in Bhután. Sent for sale by Tenduk Pálgar, of the Bhutia Basti, Darjiling. Price Rs. 20.

Ditto ditto ditto smaller. Price Rs. 10.

Cooking pan (*karáhi*), 7 well-bucket (*dol*), 6 drinking-vessels (*gelás, abkhora,* and *lotá*), 1 washing basin (*chilamchi*), 1 betel-nut knife (*sarota*). Lent by Messrs. Burrows, Thompson, and Mylne, of Bihia, Shahabad.

Six bell-metal drinking tumblers (*power-gelás*), purchased by the Local Committee of Lohárdágá at Re. 1 each. These are made at Lohárdágá, and are named after the Deputy Commissioner, to whose order they were first made. The tumblers are getting into use among the natives of the district.

A brass *sarposh* or cover for a *chhilam* for smoking. Presented by Babu Rájrájeswari Prasád, of Surajpura, Shahabad.

Two ditto, purchased by the Local Committee of Shahabad at 8 annas each.

(*b*)—*Iron and Other Manufactures.*

Dáo (*dáo*), made by the blacksmiths of Gupti, in the district of Tippera, and purchased by the Branch Committee of that district. Price Rs. 5 and Re. 1.

Table-knife (*churi*), ditto ditto. Price 12 annas.
Pen-knife (*kalmtarás*) ditto ditto. Price 6 annas.

A *dáo*, manufactured by Meches living in the Western Duárs. Purchased by the Deputy Commissioner of Jalpáiguri for 8 annas. Used by the Meches for cutting trees, lopping branches, and clearing forests, as well as in digging earth for cultivation.

A sacrificial knife (*khánrá*), a *kukri* with chased blade, and a plain *kukri* made in Nepal. Presented by Colonel Gajraj Thapa of Ilam, Nepal, through the Deputy Commissioner of Darjiling.

Sikhim knife with silver mounted handle (*ban*), made in Sikhim. Purchased by the Deputy Commissioner of Darjiling at Rs. 15.

Ditto, with siver mounted scabbard, No. 2, ditto, at Rs. 13.

Ditto, brass mounted, No. 3, ditto, at Rs. 8.

A collection of cutlery made by Tárak Nath Karmakár of Senhát, district Nadiya, and purchased by the Local Committee:—

Khánra (sacrificial knife). Price Rs. 7.
Katan (ditto). Price Rs. 7.
Dao (bill-hook). Price Rs. 2.
Janti (betel-nutcracker).

Pair of forks and 1 pair of spoons made of buffalo-horn by Muhammadans of Monghyr, purchased by the Collector, and sent through the Local Branch Committee.

Pocket-knife made by Prem Chand Mistri, of Kanchannagar, and sent for sale through the Burdwan Local Committee. Price Rs. 1.

The maker occasionally supplies the Government Stationery Office at Calcutta with knives and scissors. The industry is purely indigenous. He has also sent the following articles:—

		Rs. A.	Rs. A.
Pair of pen-knives (1 blade)	Price		0 9
Pen-knives (2 blades)	„	0 13 &	0 9
Ditto (3 blades)	„	1 2 &	0 13
Ditto (4 blades)	„	.....	1 2
Garden knives	„	1 6 &	1 2
Dagger	„	.....	2 12
Sscissors	„	1 2 &	1 0
Table-knife	„	.....	0 13

Iron handle, specimen of ornamental handles for knives, swords, &c., made at Patna. Sent for sale by the Local Committee, price Rs. 3-4.

Knife with cover made at Jagdispur, purchased by the Local Committee of Shahabad.

A collection of cutlery and blacksmith's work from the *Hájipur* Local Committee, consisting of—

			Rs. A. P.
Dao	(*hasuli*)	Price	0 2 0
Knife	(*chhuri*)	„	0 3 0
Penknife	(ditto)	„	0 2 0
Scythe	(*hasua pagbaria*)	„	0 4 0
Ditto	(ditto *kanichia*)	„	0 2 0
Hatchet	(*tengari*)	„	1 0 0
Ditto	(*basula*)	„	1 0 0
Spade	(*kodali*)	„	0 12 0
Knife with toothpick, &c.	(*chaku*)	„	0 8 0
Ditto ditto	(*sarota*)	„	0 4 0

These articles are made of common iron, tempered in a well in the Lawápur village, the water of which is said to possess the property of giving unusual strength to the metal.

Five nut-crackers, 3 presented by the Rájá of Khandpárá, and 2 by the Rájá of Dhenkánal, through Cuttack Local Committee. Used for cutting betel-nut into thin slices, which with betel-leaf, lime, catechu, and spices are usued in the manufacture of *pan*.

Two nut-crakers (*janti*) and knife, purchased by the Cuttack Local Committee. Price Re. 1-1 each.

The following cutlery has been sent for sale by Lachman Mistri and Nicodemus Ruchat of Ranchi through the Local Committee of Lohárdaga. The handles are made of deer-horn, the only material procurable locally:—

Six table knives. Price 12 annas each.

Six dessert knives. Price 9½ annas each.

Three table forks. Price 9 annas each.

Six penknives. Price 8 annas each.

Three iron spoons. Price Re. 1 each.

Nut-crakers (*janti*), made by Madan Karmakar, of Dinajpur town. The peculiarity in the construction of these nut-crackers consists in the spring attached over the blade and the hook between the handles which, when drawn back, makes the blade rise easily. Sent for sale by the maker through the Local Committee of the Dinajpur district. Re. 1-8.

Sacrificial swords (*kharga* or *khanra*), used for the slaughter of goats, sheep, and buffaloes at the Káli, Durga, and Jagaddhátri pujas. Manufactured by Kunja Bihari Mittri of Gadagari, in the district of Rajshahi, and purchased for Rs. 4 by the Local Committee of that district. In Rajshahi sacrifices are performed by Kansaris (braziers) and Kumhars (potters).

CLASS XXVII.—CLOCKS, WATCHES, AND THEIR ACCESSORIES.

Walking stick sun-dial L. by A. W. Paul, Esq., C.S., through the Deputy Commissioner of Darjiling.

Brass sun-dial (*suraj-ghari*), manufactured by the firm of Mugron Brothers L. by Kázi Raza Husain of Patna.

Ditto, made by ditto L. by Rai Jay Kishan of Patna.

Four ivory chains with locket. Sent for sale by Babu Nandkishor Dás of Cuttack. Price Rs. 12-4, 13-4, 14-4, and 14-4.

Two watch cases, ditto. Price Rs. 6-2 each.

Two ditto of horn ditto. Price Rs. 2 each.

CLASS XXIX.—BASKETWARE.

A hill basket—(*thurung*), used by the inhabitants of the Chittagong Hill Tracts, presented by Mr. Burnell, of Udaliya, in the district of Chittagong.

A basket—(*thokri*), manufactured in Tippera and purchased by the Branch Committee of that district. Price 11 annas.

A small basket—(*chota thokri*), purchased by the Local Committee of the Chittagong district. Price 8 annas.

A pair of baskets—(*dalla*), ditto. Price Re. 1.

A pair of fans—(*pankha*), ditto. Price Re. 1. (For fancy fans, *see* class XLV—Fancy Works).

A cane basket—(*petara*), ditto. Price Re. 0-8.

A winnowing fan—(*kula*), ditto. Price Re. 0-8.

A sieve—(*chalni*), ditto. Price Re. 1.

The following collection has also been purchased by the Chittagong Local Committee:—

	Rs. A. P.
Hill *thurung* (*waindong*), used for keeping clothes and valuables. It is waterproof	2 0 6
Hill *thurung* (*poikhie*), used by Mros in *jhúming* for carrying seed	0 4 0
Hill *thurung* (*bákshá*), Khumi, used in *jhúming* for carrying seed	0 4 0
Hill *thurung* (*bákú*), used by Mughs to collect paddy	6 3 3
Hill *thurung* (*wa-ong*), used by Mughs to carry cut paddy in *jhum cultivation*	0 2 0
Hill *thurung* (*koi-kha*), used by Mughs in *jhuming* for carrying seeds	0 1 0

Basket (*thokri*), presented by Umes Chandra Ray of Nayapárá, Chittagong.

Fan (*pankha*), exhibited by Bagolá Charan Das, of Noapara, Chittagong.

Twelve baskets, made by respectable ladies of the Saran district, and lent for exhibition by the Maharájá of Hatwa.

Two bird-cages—(*pinjra*), made of hollow bamboo by Manglu Mirshikar of Sewan, and said to be a speciality of that place. Purchased by the Local Committee of Saran for Rs. 2 each.

Thirteen specimens of basketware, manufactured by a native lady. These baskets are made of a kind of grass known as *siki*, which turns white when dry, and is dyed various colours. Purchased by the Branch Committee of the Sitamarhi subdivision. Prices varying from 2 annas to Re. 1.

A collection of basketware consisting of 3 sets of table-mats, work-boxes of different patterns and sizes, pieces of variegated matting (*chatái*), and 7 fans (*pankhá*), made of *siki* grass and fine bamboo chips by the semi-aboriginal Doms of the town of Monghyr. Purchased by the Collector of Monghyr and sent through the Local Branch Committee. Considerable ingenuity is displayed in the manufacture of these articles, for which the town of Monghyr has of late become known. The basketware of Monghyr was highly admired at the Melbourne Exhibition of 1881.

One *petara or jhail*, price Rs. 3-8, and 1 *jhámpi*, made of cane by Rájmohan Betuá. Purchased by the Local Committee of Pubna. Some of the best work in cane is done in the village of Májhipará, in the town of Pabna.

Two octagonal baskets of small size (*athkhona thokri*) and a small *sanua* of elastic wickerware. Purchased by the Local Committee of Chittagong for Rs. 2.

Grass basket and flower basket (*siki hati phuldani*), made by Bráhman and Káyasth ladies and used for keeping flowers and articles of every-day use. Presented by some Tirhutiá Bráhman and Káyasth ladies of Darbhángá. Figures of elephants, horses, and other animals are also made of *siki* grass.

Dagra and *chalni*. Purchased by the Local Committee of Darbhanga. The *dagra* and *dagri* are used for cleaning grain and keeping articles used for food; the *chálni* is a flour sieve. Price 2 annas.

Nine ornamental baskets (*chengári* and *petári*) made of *siki* grass by respectable Rájput and Bráhman ladies, used for keeping dolls' clothing, ornaments, and other articles. Purchased by the Local Committee of Hajipur. Prices vary from 2 annas to 12 annas.

A collection of basketware, purchased by the Local Committee of Purnia, consisting of

		Rs.	A.	P.
Baskets (*petára*) ...	Rs. 0 2 0 to	0	8	0
Betel-box (*báttá*) ...	... ...	0	1	0
Straw-made articles (*bara dáli*)	... ...	0	8	0
Flower-pot (*sáji*) ...	... ...	0	6	0
Lamp-stand (*chirágdan*) ...	... ...	0	6	0
Straw-made box, large (*barká petara*) ...	... ...	0	5	0
Ditto small (*chhota do.*) ...	... ...	0	5	6
Straw-made box, small size (*chhota petara*)	...	0	5	6
Small baskets (*chhotá dáli*)	... ...	0	2	9
Straw water-pots (*lota*) ...	... ...	0	6	0
Straw baskets (*dáli*) ...	... ...	0	6	0
Dishes, straw-made (*dannis*)	... ...	0	1	0
Small dishes (do.) ...	... ...	0	0	6

The colored straw-made articles are generally fancy goods, as they are scarcely strong enough for every-day use. In Purnia they are made in the Arraria subdivision, and are the only articles of female workmanship.

Three *kains* baskets and 2 *kains* fans. Presented by Babu Ganes Prasád Sing, the Cuttack Local Committee, and the Baramba State.

Three grass baskets. Sent for sale by Babu Nand Kishor Das, of Cuttack. Price 11 annas, Re. 1-8, and Re. 1-8.

Two grass baskets. Purchased by the Local Committee of Cuttack at 9 annas each.

A fancy bamboo cage. Sent on loan by the Gya Public Library.

Three palm-leaf fans. Presented by the Baramba State (Cuttack) and 1 by the Raja of Dhenkanal (Cuttack.)

Palm-leaf basket. Presented by Babu Hari Mohan Sen, Deputy Magistrate of Diamond Harbour district, 24-Parganas.

Palm-leaf tape, presented by ditto.

CLASS XXXI.—DECORATIVE WORK, INCLUDING CARVING AND ARTWARE.

A collection of Monghyr wood-carving, consisting of 1 ebony cabinet, 1 writing-box, 1 pen-tray with inkstand and envelope-case, 1 work-box, 2 rulers, 1 watch-case, and 1 cribbage-board with pegs. Made by Biru Mistri and Pedru Mistri of Monghyr. Purchased by the Collector of that district and sent through the Local Branch Committee. Monghyr wood-carving has acquired the same reputation in the present time as Monghyr cutlery formerly possessed. The wood chiefly used for the manufacture is the ebony obtained from the *Diospyros embryopteris (Kend)* found in the hills, and the palmyra (*Borassus flabelliformis*—Vernacular, *tar*), which is extensively planted on the sides of tanks.

A collection of Monghyr wood-carving, consisting of 1 ebony cabinet, 1 small ebony box, and 2 snake pipes. Presented by Ali Khán, Khán Bahadur of Husainabad, district Monghyr.

Basket of sandal-wood (*dali*). Sent on loan by Mahárájá Rádhá Prasád Singh of Dumraon, Shahabad.

CLASS XXXII.—CARPETS, HANGINGS, TAPESTRY, FURNITURE STUFFS, MATTING, PAPER-HANGINGS.

A carpet (*kámdár satranji*). This and the three following specimens of carpeting are manufactured by Tepra Nasya of Kelnaband, in the district of Rangpur, from cotton produced in the district, the thread being generally spun by the women of the weavers' families. The blue and yellow threads are dyed by the weavers with country indigo and yellow arsenic. The green and light blue threads are coloured by a mixture of indigo and extracts of certain plants. The red threads are imported. Exhibited by Babu G. E. Ray of Tezhát, in the Rangpur district.

A carpet (*philpia satranji.*)

A carpet (*bhátpania satranji.*)

A carpet (*nil safaid.*)

Two pillows embroidered with glass beads. Manufactured by the wife of Babu Biseswar Sahai, and lent for exhibition by Chaudhuri Rudra Prasad Rai Bahádur of Muzaffarpur.

A canopy, 2 *screens*, 2 plate-covers, and 2 *palki*-covers embroidered by Chamru Shaikh of Murshidabad, and lent for exhibition by Maharáni Sarnamayi, C.I.E., of Kasim Bazar, in that district.

Flowers made of paper cuttings. Made by Srimati Akhoy Kumári Dási and Manoram Gupta of Raipura, Dacca.

Embroidered hangings. Made by Syma Sundari Pál. Presented by Srináth Ráy of Bhagokul, Dacca.

Six pieces of matting (4 *sitalpáti* side-pillows and 2 ear-pillows, *kanbalis*). Presented by ditto.

Three pieces of grass matting. Sent for sale by the Local Committee of Puri, price Rs. 2-8, Re. 1-6, Re. 1-2.

Stamped floor-cloth—(*jazim*). This floor-cloth is stamped by Maula of Sewan. The cloth is first steeped in water impreganted with *hara* (*Terminalia chebula*) and then stamped with the required pattern in ink. The dye is *geru* (a kind of red ochre), gum and *al*-wood (*Morinda citrifolia*). Purchased by the Branch Committee of the Saran district for Re. 1.

A mat (*maddr*) manufactured by Shaikh Karim of Nayagaon, in the district Rajshahi, and exhibited by the Local Committee of that district. Pri Re. 1-11.

A mat (*madur*) manufactured by Bhuja Bairagi, of Bhaisha, in the district Dinajpur. These mats are made from a plant called *mutka* to supply t local demand, and are used by natives of all classes. Exhibited by t Branch Committee of the Rajshahi district. Price Rs. 2-8.

Woollen rug (*rumden*). Made in Thibet. Sent for sale by Nem Sring Munshi, Kalimpong, Darjiling district. Price Rs. 30.

Two saddle-cloths (*rum*). The larger one used under, and the smaller one up the saddle. Sent for sale by Tenduk Palger, of the Bhutiá Basti, Da jiling. Price Rs. 125 each.

Bamboo matting (*chatái*). Purchased by the Local Committee of Chittagong Re. 1.

Carpet sent on loan by Muhammad Abdu-s-Sálih of Kura, through the Loc Committee of Gya.

Dari, sent by ditto. This article has been used as a bed for the last 20 yea and is sent to show the durability of a good dari.

Carpet from Bhabhua. Presented by Babu Rájrájeswari Prasád, of Surajpur Shahábad.

Dari from ditto. Presented by ditto.

Dari from ditto. Presented by Babu Atul Behári Maitra, Subdivisional Officer Bhabhua.

Two woollen carpets. Purchased by the Collector of Shahabad at Rs. 2 each.

Moth matting. Purchased by the Local Committee of Darbhángá.

Three cotton carpets (*satranjis*). Purchased by the Local Committee of Hájipu at Re. 1-2 each.

Cotton carpet. Purchased by the Sitamarhi Local Committee at Rs. 12-5.

A cotton carpet (*dari*) sent on loan by Mirza Muhammad Hussain of Purnia.

Three pieces of bamboo mat. Purchased by the Local Committee of Cuttack, a 6 annas.

Pillow (*balish*), used by the hill men of Chittagong. Presented by Mr. Burnell, o Udaliya.

White pillow (*sada takiya*). Made by the ladies of the family of Diwa Raghubans Sahai, of Jaintpur. Price Rs. 2-8.

Silk pillows (*reshmi takiya*). Made by the ladies of the family of Sheo Saran Sing of Kolna. Price Rs. 4-8 and Re. 1-12.

The following rugs (*tumshi*), made in Thibet by the women of that country, have been purchased by the Deputy Commissioner of Darjiling at the price named, which are those prevailing in Thibet:—

		Rs.	A.	P.
Rug, brown ground and green border	Price	6	8	0
Ditto, blue ground and brown border with red spots ...	„	8	0	0
Ditto, green ground with red and blue border ...	„	7	8	0
Ditto, brown ground with blue border and white spots ...	„	9	8	0
Ditto, blue ground with red and green border ...	„	9	8	0
Ditto, red ground with dark brown border and flowers ...	„	10	0	0
Ditto, yellow ground with ditto	„	9	0	0
One pair square rug, dark blue ground	„	9	8	0
Ditto, light blue ground	„	8	0	0
Ditto, yellow ground...	„	7	8	0
Ditto, green ground	„	8	8	0
Saddle-cloth, shades blue with flowers	„	9	8	0

CLASS XXXIV.—BRONZE, ORNAMENTAL WORK IN GOLD, SILVER, AND OTHER METALS.

A *hukka* and spittoon of bidri work. Manufactured at Murshidabad by Gopal Ghat, and exhibited for sale by Munshi Fazlar. at Rs. 35 each.

cka. Manufactured by Gopal Shaha, of Murshidabad, of bidri-ware, a *repoussé* pattern worked in gold and silver on a base of composite metal of zinc, lead, copper, and tin. Exhibited for sale through Munshi Fuzlu-r-Rali, of Murshidabad. Local price Rs. 30; selling price Rs. 35.

manufacture of *bidri*-ware is also carried on in Purnia, where three classes of men are engaged in it. Of these, one melt the metal and bring it into the shape, which is usually that of a *surahi* (water jug), spittoon, water-vessel, *hukká*, inkstand, *sarposh*, &c. The second, trace figures and other designs on the work, and the third, after doing carving work, return the article to the second, who inlay it with silver, give it a final polish, and strain the metal. The following collection of *bidri*-ware has been sent for sale by Babu Mahesh Lal of Purnia through the Local Committee of that district:—

	Rs.	A.	P.
Hukkas ... ...Rs. 25 and	40	0	0
Ditto (*belá*)	25	0	0
Ditto „	25	0	0
Hindustani *pilpáya*	25	0	0
Glass-cover (*sarposh*)	5	0	0
Hukka with stand (*hukka* with *zerandáz*)	15	0	0

bidri farsi and a *bidri surahi* purchased by the Local Committee of Purnia, at Rs. 10 and Rs. 11 respectively.

vo silver fishes, made by Rám Sáhi Sonár of Khurakpur, purchased by the Collector of Monghyr, and sent through the Branch Committee.

lver fish, made by Madhab Chandra Karmakar of Gushkhara, sent by Babu Harish Chundra Chongdar, through the Local Committee, Burdwan, local price Rs. 12, for sale at Rs. 13.

lver pipe for smoking, with a small flower at the apex, which rotates at every puff of smoke, made by Hira Lál Singh of Murshidabad, and sent by Babu Rádhiká Charan Sen of Barhampur through the Local Committee, for sale at Rs. 16.

wo Bhután bowls, made in Bhután, lent by A. W. Paul, Esq., C.S., through the Deputy Commissioner of Darjiling.

ne pair silver ewers (pump) made in Thibet, and used in Buddhist religious services for holding flowers. Sent for sale by Nim Sing Munshi of Kalimpong, Darjiling. Price Rs. 200.

rass incense dish with stand and cover (*hoko*), made in Bhutan sent for sale by Puydang Mandal of Pedong, Kalimpong, Darjiling district. Price Rs. 20.

ilver wire-made betal-box (*pandan*). Sent for sale by Nitái Charan and Jaga Bandhu Bysák of Dacca. Price Rs. 350.

ilver wire-made *jhar* weighing 271 tolas, used as betal-box, (*pandan*), otto-holder (*itardan*), and rose-water sprinker (*golabpásh*) made by Baishnab Charan Karmakár of Tantibázár, Dacca. Sent for sale by the maker. Price Rs. 878.

rnamental iron box, inlaid with silver. Sent on loan by Nawab Wilayat Ali Khán, C.I.E., of Patna.

wo betel boxes, ditto ditto.

tardan and *lichidan*, enamel and silver work, being specimen of Patna enamel work. Sent on loan by Babu Rájrájeswari of Patna.

Bidri and silver ornamental work of Patna chhilams, &c. These metals are not used for dinner plates or cups.

Ornamental boxes for keeping *tiklis* (forehead ornaments of glass). Sent for sale by the Local Committee of Patna. Price Rs. 2.

Attar vase (*itardan*). Sent on loan by Maháráját Rádhá Prashád Sing Bahádur of Dumráon, Shahabad.

Silver-fish, used as an household ornament, the hollows in the mouth being generally filled with perfume, with which guests are served. Presented by Babu Rám Tahal Panjier, Vice-Chairman of the Rosera Muuicipality, Darbhángá.

A gold, silver, and jewelled *hukka* sent on loan by Maháraja Rajendra Kishor Sing Bahadur of Bettiá, Champáran district.

The following articles of Cuttack filigree work have been sent for sale :—

Two scent-holders (*itardán*) consisting of an ornamental centre piece with a receptacle at the top for keeping attar. Sent by Háji Abdul Rahman Musa of Cuttack. Price Rs. 2,060 each, or Rs. 3,708 for both.

Ditto, sent by Subnise of Cuttack. Price Rs. 164-12.

Hukka, consisting of a receptacle for water (*farsi*), a pipe or snake, a *chilam* or a receptacle for tobacco with a cover, and a mouth-piece attached to the snake and pedestal, used for smoking tobacco. Sent by ditto. Price Rs. 515.

Card-case, sent by ditto. Price Rs. 25-12.

Betel-holder (*pán batta*), sent by ditto, Rs. 77.

Three scent-holders (*itardán*) sent by Kapil Sahu of Cuttack. Price Rs. 618 Rs. 82-8, and Rs. 46-8.

Ditto (*changuri*), sent by ditto, Rs. 175.

Cigar-case, sent by ditto. Price Rs. 84-8.

Basket (*changuri*), sent by ditto. Price Rs. 55-8.

Tray (*rekábi*), sent by ditto. Price Rs. 55-8.

Betel-holder by Kapil Sahu of Cuttack. Price Rs. 107.

Rose-water sprinkler (*gulabpash*), sent by ditto. Price Rs. 66.

Wick-holder, sent by ditto. Price Rs. 26-12.

Bouquet-holder (*phuldán*), sent by Arjun Sahu of Cuttack. Price Rs. 26-12.

Cover for glass (*sarposh*), sent by ditto. Price Rs. 12-8.

Wick-holder (*palitadani*), sent by ditto. Price Rs. 53-8.

Mouth-piece for smoking (*mundl*), sent by ditto. Price Rs. 41-8.

Turmeric-holder. Sent by Lakkhan Sáhu, of Cuttack. Price Rs. 46-8.

Two glass covers (*sarposh*), sent by ditto. Price Rs. 7-4 and Rs. 5-4.

Two rose-water sprinklers (*gulábpásh*), sent by Jagu Jethi, of Cuttack. Price Rs. 77-4 each.

Two scent-holders (*itardán*), sent by ditto. Price Rs. 152-8 each.

Tray, sent by ditto. Price Rs. 68-4.

Four betel-holders (*pán batta*), sent by ditto. Price Rs. 117-8, Rs. 42-4, and 47-8 respectively.

Three scent-holders, sent by Parmánand Jethi, of Cuttack. Price Rs. 221-8, Rs. 67-4, and Rs. 87-4.

Cigar-case, sent by ditto. Price Rs. 36.

Two trays, sent by ditto. Price Rs. 113-8, Rs. 67-4.

Basket, sent by ditto. Price Rs. 69-4.

Three betel-holders, sent by ditto. Price Rs. 47-8, Rs. 46-8, and Rs. 61-12.

Stamp-box, sent by ditto. Price Rs. 11-4.

Rose-water sprinkler (*gulabpásh*), sent by ditto. Price Rs. 70-4.

Three betel-holders, sent by Nand Jethi, of Cuttack. Price Rs. 232, Rs. 257-8, and Rs. 129.

One scent-holder (*itardán*), sent by ditto. Price Rs. 257-8.

Fire-holder (*agdán*), sent by ditto. Price Rs. 175-4.

Basket, sent by ditto. Price Rs. 103.

Card-case, sent by ditto. Price Rs. 31.

Two purses, sent by ditto. Price Rs. 31 each.

Three bouquet-holders, sent by ditto. Rs. 61-12, Rs. 31, and Rs. 20-8.

Stamp-box, sent by ditto. Price Rs. 8-4.

Tray, sent by ditto. Price Rs. 82-4.

Betel-holder, sent by Ananta Sáhu of Cuttack. Price Rs. 51-8.

Ditto, sent by Arut Sáhu of Cuttack. Price Rs. 164-12.

Silver-fish (*rupa machli*), sent for sale by the Rájá of Bod. Price Rs. 12-4.

Six silver-fish (*rupa machli*), purchased by the Local Committee of Lohárdágá. Price Rs. 2-13, Rs. 2-8, Rs. 2-14, Rs. 2-4, Rs. 2-9, and Rs. 2-9 respectively.

The following articles, made at Bhawanipur, 24-Parganás, are sent for sale by Bhutnáth Dás, the maker :—

Two sheep's heads, ornamental brass work	...	Rs. 150 each.
Gulábpásh (rose-water sprinkler)	...	„ 400
Spittoon	...	„ 2
Farsi, large	...	„ 5
Do., small	...	„ 3
Gargara hukka	...	„ 5
Glass	...	„ 4
Garu	...	„ 2
Lota	...	„ 2
Five plain *farsi*	...	„ 2 each.
Cup, large	...	„ 2
Do., small	...	„ 1
Kali hukka	...	„ 2
Betel-holder	...	„ 2

CLASS XXXV.—TOYS.

The following articles of lac, made by Braja and Krishna Núri of Gushkara, are sent for sale by Babu Harish Chandra Chongdár, through the Local Committee, Bardwan :—

Couple of guavas	...	Price As. 6
Ditto of pomegranates	...	„ 6
Mango	...	„ 6
Couple of mangos	...	„ 6
Ditto Tomatoes	...	„ 6
Ditto karolas (*Momordica chirantiu*)	...	„ 6
Ditto brinjals	...	„ 6
Pine apple	...	„ 6
Four lichis with a black-bird	...	„ 6
Dog	...	„ 9
Spotted deer	...	„ 9
Goose	...	„ 6
Frog	...	„ 6
Turtle	...	„ 6

(For Lacquered-ware, see Class XXV.)

Imitation fruits, one basket, presented by Sri Náth Ray of Bhagokul, Dacca.

Toys, sent for sale by Rai Jay Kishen of Patna. Price As. 8.

Glass ornamental toy, sent by ditto „ Re. 1.

Wooden toys, sent for sale by the Patna Committee. Rs. 25.

Toys, sent for sale by Kumar Sukhraj Bahadur of Patna. As. 8.

Stone figure of a bull, sent on loan by Rája Ram Bahadur, through the Local Committee, Gya.

Ditto of buffalo, ditto ditto.

Two ditto of dog with prey, ditto ditto.

Mythological group in black stone, ditto by the Gya Public Library.

Vishnupad gilt, ditto ditto.

Figure of Balgobind (god), ditto by Kanhya Lal Dheuri of Gya.

Ditto of Krishna, ditto ditto.

Ditto of Radhika, ditto ditto.

Ditto of Mahabir, ditto ditto.

Ditto of Ganesh, ditto ditto.

Ditto of Shám Kartik, ditto ditto.

Ditto of Garur, ditto ditto.

Figure of an elephant, purchased by the Local Committee, Gya, Rs. 15.
Ditto of a camel ditto ditto „ 10.
Ditto of Mahárájá Ranjit Singh, ditto ditto „ 10.
Twenty-five toys made of wood, &c., at Sasseram, presented by Babu Rájrájeswari Prasád of Surajpura, Shahabad.
A collection of toys purchased by the Local Committee of Muzaffarpur, consisting of—
1 sweeper, 1 peon, 1 grass-cutter, 1 gardener, 1 goldsmith. 1 wine-distiller, 1 kabari, 1 turbin, 1 priest, 1 tailor, 1 grain-seller, 1 patwari, 1 marwari, 1 mendicant, 1 shoe-maker, 1 dancing-girl, 1 bust of the Mahárájá of Benares, 1 ditto of C. F. Worsley, Esq., C.S., 1 small cardamom, cloves, almonds, Deccan nuts, dates, 1 dish, and 1 figure of an ascetic. Prices varying from As. 8 to Rs. 2-8.
Solá flowers, presented by Babu Madhu Sudan Dás of Cuttack.
Temple of Jagannath, in *solá*, sent for sale by the Local Committee of Puri. Price, Rs. 16. The Local Committee of Puri have also sent some *sola* fishes for sale. Prices Re. 0-11 to Re. 1-3.
Figure of Lakshmi (the goddess of wealth). This and the five following have been made of burnt clay. Price Rs. 6.
Ditto of Ganesh (the god of learning), Price Re. 1-6.
Ditto of Mahabir (the great monkey warrior). Price Rs. 2-14.
Ditto of Balkrishna (Krishna floating upon a banian leaf at the time of the deluge and licking his leg). Price Re. 1-13.
Two ditto of Jagannath. Price Rs. 5-4 and Rs. 6-2.
Ditto of Nrishinha (Vishnu in his avatar of the man-lion), killing the demon Hiranya Kasyapu. Price Rs. 2-12.
Three clay models, consisting of two figures of a Bráhman reading the Vedas, and one of a fowler, purchased by the Local Committee of Cuttack. Price Rs. 2-4, Rs. 2-4, and Re. 1-12.
Seven solá flowers, viz., 1 white rose, 1 red rose, 1 jessamine, 1 white garden zenia, 1 red ditto, 1 kadamba, 1 red water lily, purchased by the Cuttack Local Committee, at Rs. 6.
A toy. Price 6 pies. This and the following articles were purchased by the Local Committee of the Chittagong district:—

Paper-rattle (*kaghazer jhunjhunie*). Price 1 anna.
Ditto (*siner charki*). Price 1 anna.
Paper palanquin (*kaghazer pálki*). Price As. 6.
Paper tanjan (*kaghazer hanjan*). Price As. 8.
Earthen elephant (*matir hati*). Price As. 4.
Ditto tiger (*matir bagh*). Price As. 8.
Ditto horse (*matir ghora*). Price As. 4.
Ditto parrot (*matir tota*). Price As. 2.
Ditto maina (*matir moina*). Price As. 4.
Ditto cock (*matir murghi*). Price Anna 1.
Ditto cow with calf (*matir gabhi*). Price As. 8.
Pith parrot, (*solá tota*). As. 4.
Do. bird and cage, (*pakhi pinjra saha*). As. 4.
Do. elephant, (*solar hati*). As. 2.
Do. horse, (*ghora*). As. 4.
Do. flower, (*phul*). As. 2.
Paper ship (*kaghazer jahaj*). Price Rs. 2.
Ditto (*Tim timi*). Pies 6.
Wooden rattle (*talpather jhunjhuni*). Anna 1.
Palm-leaf rattle (*fulpatni jhunjhuni*). As. 2.
Ditto (*Matoya sharkir saha*). As. 2.
Ditto Price Anna 1.

(For clay models see also Class VI).

CLASS XXXVI.—OTHER HOUSEHOLD UTENSILS AND APPLIANCES.

Two tubes (*jaler chungi*), used by the hillmen of Chittagong for keeping water, presented by Mr. Burnell of Udaliya.
Murwa chunga, mounted brass (*pahip*), made in Darjiling, sent for sale by Tenduk Palger, of Bhutia Basti, Darjiling. Price Rs. 5.
Sandal wood liquor-jar (*dambo*), mounted silver, made in Bhutan. Sent for sale by ditto. Price Rs. 50.
Buddhist prayer-wheel (*mani*), large, painted, made at Darjiling by Llamas, containing prayers printed on paper in the Buddhist monasteries. Purchased by the Deputy Commissioner of Darjiling at Rs. 30.
Silver ditto, ditto, ditto, at Rs. 28.
Copper ditto, ditto, ditto, at Rs. 3.
Bamboo tube (*chunga*), used as a liquor-jar by the Lepchas, ditto at Re. 1.
Three dozen napkin-rings made of shell. Sent for sale by Raman Dás Datt, of Sankhari Bazar, Daeca, through the Local Committee. Price Rs. 5 per dozen.
Palankin (*palki*), made by Muhammad Hanif, carpenter. Purchased by the Local Committee of Chittagong, at Rs. 6.

				Rs.
Tanjan,	ditto	ditto	ditto ...	8
House,	ditto	ditto	ditto ...	12

Legs of a bedstead (*charpai*). Sent on loan by Maulvi Taffazul Husain of Behar.
Chausar-board, for playing. Sent on loan by Jamalu-l-hakk, municipal jamadar, Patna.
Paper kites, bamboo frame and string. Sent for sale by Rai Jay Kishan of Patna. Price Rs. 4.
Wooden *charpai* legs. Sent for sale by the Local Committee of Patna. Price Rs. 2.
Chilam-cover (*sarposh*). Purchased by the Local Committee of Gya, at Rs. 3.
Model of domestic industry, worked by clock-work. Presented by Mahárájá Rádhá Prashád Sing of Dúmráon, Shahabad.
State howda (*ambari*). Sent on loan by ditto.
A collection of elephant ornaments. Sent on loan by Mahárájá Rádhá Prashád Sing Bahádur of Dumráon, Shahabad, consisting of—
Haikal for neck.
Beads 19, haria 20.
Dumchi, beads 12.
Kathi 2.
Chand for forehead.
Embroidered *jhul* with *suri* and *pánkhá*.
Zarandáz.
Dice (*chaupar*) for playing. Made by the ladies of Babu Sheo Saran Sing's family of Kolua. Purchased by the Local Committee of Muzaffarpur, at Rs. 3-8.
Wooden gourd or *kálábásh*, with small cups of the same wood. Sent by the Local Committee of Darbhángá. This is a hollowed-out wooden pitcher for water; used by mendicants. Made at Rosera.
Six toy-boxes, made of mango woods at Hájipur; largely used by village women to keep trinkets. About 50 men are engaged in the industry. Purchased by the Local Committee of Hájipur. Prices vary from ¼ to ¾ of an anna.
Looking-glass ornamented with shells. Presented by the Local Committee, Cuttack.

Three cups of various sizes made of rhinoceros-horn by Indrabhuj Sahai, a Nepalese. These cups are used mainly for religious purposes, and are believed to possess a special sanctity. Sent for exhibition by Mahant Lalit Das of Marant, district Muzaffarpur.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASS XXXVIII.—COTTON FABRICS.

Phota—Made of cotton produced in the Rangpur district. The thread, which is spun by women, is woven in country looms. The red and green threads are imported. The cloth is worn by women. Presented by Babu J. B. Sen of Kanungotola, district Rangpur.

Magna.—Made by Dhuti Tanti from imported cotton thread. The cloth is worn by women, and used for curtains by the higher class of men. Presented by Baboo J. B. Sen of Kanungotola, district Rangpur.

Havresack (*nimja*)—The cloth, which is woven in checks, is made by the hand-loom from cotton by the weavers of thana Thakurgaontola; sacks made of it are used as provision-bags by travellers. Maker Hira Lal Das. Purchased by the Local Committee of the Dinajpur district. Price Re. 1.

Havresack (*charkhana*)—Price Rs. 3. Made by the same weavers as the last. Is often used by the rich in furnishing rooms.

Phora—A strong, cotton cloth, resembling No. 1; worn generally by females in the Dinajpur district. Made by Jagomohan Das of Shahbazpur, and purchased for Rs. 3 by the Local Committee of Dinajpur.

Musquito curtain (*masaris*)—Made by Abul Sarkar of Kharba, district Dinajpur. Purchased for Rs. 5-8 by the Local Committee.

Cotton fabric (*saigapuri lungi*)—Price Re. 1-2. This and the next twenty-one fabrics were made by Musalman weavers in the sadar station of the Chittagong district, and were purchased by the Local Committee.

Cotton fabric (*dhaka kath lungi*)—Price 15 annas.
Black check (*kala chek lungi*)—Price 7 annas.
Ditto (*panchani kath lungi*)—Price 11 annas.
Ditto (*zika panchani kath lungi*)—Price 10 annas.
Red check (*lal chek*)—Price 9 annas.
Ditto (*Madras kath*)—Price 12 annas.
Black and red check (*kala lal check*)—Price 8 annas 6 pies.
Ditto (*gali pachan check*)—Price 9 annas.
Ditto (*sada kala chikan kath*)—Price 7 annas.
Ditto (*lal jarda chikan kath*)—Price 14 annas.
Ditto (*lal jarda mota kath*)—Price 14 annas.
Ditto (*bara pachan kath*)—Price 14 annas.
Ditto (*ulta pachan kath*)—Price 9 annas.
Ditto (*metan pachan kath*)—Price 13 annas.
Ditto (*dil roshan sari*)—Price Re. 1-4.
Black and Red Ceck (*jola duria sari*)—Price Rs. 2-4.
Ditto (*bulbul chasma sari*)—Price 12 annas.
Black and Red Wrapper (*lal kala refar*)—Price Re. 1-12.
Red and Green Wrapper (*lal subja refar*)—Price 15 annas.
Ditto. ditto, Price 10 annas.
Red Sheet (*lal chadar*)—Price 10 annas.

Cloth (*khoya or dhuti*)—This, and the following nine articles, are made by Jhumia women in the Chittagong Hill Tracts, and have been purchased by the Local Committee of the Chittagong district for the prices named. Price Rs. 3.
Turban (*gourbomug*)—Used on a head-dress. Price Rs. 2.
Petticoat (*tabusan*)—Worn round the waist by women. Price Re. 1-12.
Coats (*rangi*)—Worn round the breast by women. Price 8 annas.
Magh Cloth (*maghi kapar*)—Used for rangis.
Antimacassars (*saila*)—Price Re. 1.
Mainamati cloth (*Mainamati kapar*)—Six pieces prepared by the weavers of Mainamati in Tippera, and purchased for Rs. 19 by the Branch Committe of that district.
Manipuri cloth (*Manipurer kapar*)—Three pieces made like the next nine specimens by the weavers of Hill Tippera, and purchased by the Branch Committee of that district. Price Rs. 3-4.
Cotton rug (*pairi*)—Price Rs. 4-4.
Hill cloth (red) (*kamai*)—Price Rs. 6.
Ditto (green) (*kamai*)—Price Rs. 6.
Ditto (red) (*rea*)—Price Rs. 2-8.
Ditto (green) (*rea*)—Price Rs. 2-8.
Manipuri cloth (*pachra*)—Price 8 annas 9 pies.
Rea (*rea*)—Price 8 annas.
Ragnai (*ragnai*)—Price 10 annas.
Pachra (*pachra*)—Price Re. 1-8.
Two pieces of cotton cloth, one coarse and one fine, made by Khidir Galaba, and lent for exhibition by the Máhárajá of Hutwa.
Kokti cloth, 1 piece (*kokti kapar*)—Manufactured by Basti Julaha of brown *kokti* cotton. Lent for exhibition by Chaudhuri Rudra Prashad Rai Bahadur of Nanpur, in the Sitamarhi subdivision of the Muzaffarpur district.
One pair of black-bordered cloths (*kalapera dhuti*), made by Jay Lal Shaha of Kalna. Sent for sale by the Local Committee, Burdwan. Price Rs. 17.
Two pairs of black-bordered dhutis from Chandernagore, purchased by the Local Committee, Hughli, from Mánik Lal Sil of Chinsurah, at Rs. 30 and Rs. 20 respectively.
A collection of *dhutis* and *sáris* made at Baránagar in 24-Perganas, purchased by the Local Committee:—

				Rs.	a.	p.
One pair black bordered dhuti			(*kalapera dhuti*)	... 3	1	0
One ditto	ditto	sári	(*babu pachha-pera sari*)	... 5	6	0
One piece	ditto	do.	(ditto)	... 1	10	0
One ditto	ditto	do.	(ditto)	... 1	3	0
One ditto	ditto	do.	(*kalamati-pera sari*)	... 1	11	0
One ditto	ditto	do.	(ditto)	... 2	7	0
One ditto black and yellow sari			(*babu pacha-pera sari*)	... 2	7	0
One ditto	ditto		(*zard* ditto)	... 1	5	0
One ditto yellow-bordered sari			(*baganpachha-pera sari*)	... 2	8	0
One ditto bordered sari			(ditto)	... 2	0	0
One ditto	ditto		(ditto)	... 2	10	0

A collection of cotton fabrics, consisting of a piece of cloth, three single and five pairs of handkerchiefs. Presented by Babu Grish Chandra Pal of Santipur, and sent through the Local Committee of Nadiya. Santipur was the seat of muslin manufacture under the East Indian Company; it has still a great reputation for its *dhutis* and *saris*, colored or uncolored, with cotton or silk borders. Some of these are embroidered in the Dacca flower pattern. The blue cloth called Nilambari is greatly admired.

Dhuti purchased from Kisori Lal Kirtuna of Santipur by the Local Committee, Nadiya, at Rs. 15.

Four handkerchiefs, ditto, at Rs. 12.

Sari, purchased from Nitharmani Dasi of Santipur, at Rs. 11-12.

A collection of cotton cloths, purchased by the Local Committee of Pabna. Cotton cloths are manufactured in almost all parts of the Pabna district; but the village of Dogachi, near the town of Pabna, where the Hindu weavers have followed the industry hereditarily, has earned a wide reputation for turning out the finest cotton and silk fabrics in the district. The trade, although not thriving as of old, is still prospering, owing to superiority of the cloths produced as compared with English cloths.

The collection consists of:—

One pair (*ánanda lahori*)	Rs.	5	8	0	made by	Pitambar Paramanik.
Ditto (*patpati sari*)	,,	6	8	0	,,	Sarbananda Paramanik.
Ditto (*kalapera sari*)	,,	14	0	0	,,	Gopal Paramanik.
Ditto (*aynakot sari*)	,,	4	8	0	,,	Ramzan Karigar.
Ditto (*nilambari sari*)	,,	5	12	0	,,	Sarbanand Paramanik.
Ditto (white *duria*)	,,	6	0	0	,,	Pitambar Paramanik.
One piece *chek* (*than taskhat charkhana*) *lungi*, 10 yards ...	,,	6	8	0	,,	Mofir Karigar.
Ditto (*than sukikhat*) red and black *lungi*, 7 yards	,,	3	8	0	,,	Mominsha Karigar.
One pair black *phitapera dhuti*	,,	12	0	0	,,	Sarbanand Paramanik.
One piece muslin (*than terchi dosuti*), black, 10 yards	,,	3	0	0	,,	Ramzah Karigar.
One piece check (*than* white, black, and red *charkana*), 10 yards	,,	3	8	0	,,	Meyna Karigar.
One pair *urni chadar*, No. 1	,,	8	8	0	,,	Pitambar Paramanik.
Ditto *urni chadar*, No. 2	,,	6	8	0	,,	Kailas Paramanik.
One *thán tesuti* or sailcloth	,,	1	8	0	,,	Komorsa Karigar.

Three Lepcha cloths, local, No. 1 to 3. Made at Darjiling. Purchased by the Deputy Commissioner of Darjiling at Rs. 16, 14, and 12 respectively.

Jhallak or country cotton cloth. Made by a woman of the Rajbansi caste. Purchased by the Deputy Commissioner of Jalpaiguri at Rs. 7.

Nilambari sari. Used by Hindu ladies. Sent for sale by Messrs. Nitai Charan and Jagabandhu Baisák of Nawábpur, Dacca. Price Rs. 400. This firm has also sent the following collection of Dacca cotton fabrics:—

Jauri jamdani shafa sari. For sale at Rs.	150	(For respectable native ladies.)
Jamdani ashrafi sari	,,	,,	40	(Ditto ditto.)
Jamdani shabarga sari	,,	,,	40	(Ditto ditto.)
Jamdani shada buta sari	,,	,,	12	(Ditto ditto.)
Jamdani border plain sari	,,	,,	25	(Ditto ditto.)
Nilambari sari	,,	,,	28	(Much liked by Muhammadan women of Barisál.)
Jauri duria sari	,,	,,	45	
Jamdani dhuti	,,	,,	18	(For men.)
Juria border dhuti	,,	,,	15	(For both men and women.)
Ghor sawar dhuti	,,	,,	2	(For low-class female children.)
Hati sawar dhuti	,,	,,	2	(Ditto ditto.)
Jauri nara rumal	,,	,,	20	(For up-country gentlemen.)
Jamdani nachanda rumal	,,	,,	150	(For rich people.)
Jamdani julthan	,,	,,	80	(For making coat, &c.)
Jamdani terchi addi	,,	,,	35	(Ditto.)
Ranga jut than	,,	,,	35	(Used by the Nepalee.)
Ranga julthan	,,	,,	35	(Ditto.)

Ranga terchi than.				
Duria tukra.	For sale at Rs.	4	(For making coats, &c.)	
Dacca turandan than.	,,	,,	20	(Ditto.)
Dacca muslin, kora. (Unbleached)	,,	,,	150	(Used by rich people.)
Dacca págri (*turban*).	,,	,,	10	(Used by people of N.-W. Provinces.)
Dacca sharbati muslin.	,,	,,	150	

Dacca sharbati muslin. Sent for sale by Hari Mohan Baisák of Nawábpur, Dacca. Price Rs. 150.

Two pieces of muslin. Sent by ditto. Price Rs. 60 and Rs. 50 respectively.

Jarad jamdani sari. Sent for sale by Dino Bandhu Baisák of Banagrám, Dacca, Price Rs. 80.

Dacca muslin coat; made without sewing. Sent for sale by Ibadullah of Kaltábázár, Dacca. Price Rs. 12.

Gold-embroidered muslin. Sent for sale by Gobind Chundra Baisák of Dacca. Price Rs. 60.

Two pieces *mulla sari*. Sent for sale by Munshi Abdus Subhán Miyan. This kind of cloth is made by Muhámmadan women of Dacca. Price Rs. 15 each.

Jhappan than chikan. Sent for sale by Nitái Charan and Jagabándhu Baisák, used by Urabi, Persians, and Turks. Price Rs. 60.

Piece of linen (*malmal*). Used for vests and sheets. Sent on loan by Maulvi Taffazul Hussain Khán of Behar.

Jamdani cloth. Sent on loan by Maulvi Abdul Aziz of Behar.

Piece of *malmal*. Ditto.

Table cloth. Sent on loan by Mehdi Nawáb of Patna.

Ditto. Ditto by Jhumak Shaw, merchants of Dinapur.

Dyed *saris*. Sent for sale by the Patna Local Committee. Price Rs. 3-8.

A piece of cotton cloth. Sent on loan by the Gya Public Library.

Saris. Sent by ditto.

Cotton cloth. Purchased by the Local Committee of Gya at Rs. 12.

A bed cover made at Sasseram. Presented by Babu Rájrájeswari Prashád of Súrajpura, Shahabad.

Country cloth (*motia than*). Presented by Mr. Harding, Subdivisional Officer of Tejpur, Darbhánga.

Two kokti cloths. Sent on loan by the Mahárája of Darbhánga. This cloth is made in the Jaráil and Háti parganas of Darbhánga by common weavers working their ordinary looms, out of thread made from brown kokti cotton produced in the locality and resembling Nankin cotton. The Tirhutia Brahman women excel in making thread of the finest description from this cotton. There are different varieties of the cloth, the coarsest *thans* selling at prices from Rs. 5 to Rs. 6 each. The size of the *than* is generally from 32 to 40 cubits, by 2¼ to 2½ cubits. These kokti thans are extensively used by the Tirhutia Brahmans in the shape of *dhutis*, *saris*, winter *chadars*, and coats. Imported piece-goods have greatly injured the manufacture, which until lately was highly valued in Tirhut and the adjoining countries. The cost of the *than* No. 20135 is Rs. 17, and that of No. 20134, Rs. 15.

Handkerchief (*rumál*). Presented by Babu Rám Tahal Panjiar, Vice-Chairman of the Rosera Municipality, Darbhánga.

Dusters (*jháran*). Purchased by the Local Committee of Purnia. Price Re. 1-8.

Cotton cloth, called *gulnagari* (*dhuti* and *chadar*). Presented by Babu Ramgobind Jagdeb of Kendrápárá, Cuttack.

One pair cotton cloths. Sent for sale by the Baramba State. Price Rs. 5-12.

Sari. Sent by ditto Rs. 6.

Monighundi cotton sari. Sent by ditto. Price, Rs. 3-8.

Kumadpari sari. Sent for sale by the Rajá of Rampur, Cuttack. Price Rs. 85.

Mayurkanthi sari. Sent by ditto. Price Rs. 7-8.

Ruskadma dhuti and *chadar*. Sent by ditto. Price Rs. 7-8.

Two *dakhini sari*. Price Rs. 7-4 and 3-8; 2 nilámbari, Rs. 5-4 and 7-4; 1 suraki, Rs. 2-8; 1 duria, Rs. 1-5; moniabundi, Rs. 6-4. Purchased by the Cuttack Local Committee.

CLASS XXXIX.—WOOLLEN FABRICS.

One piece striped Thibetan blanketing (*gyaloke*) made in Thibet; used for dress of Thibetan men and women. Sent for sale by Tenduk Palgar of Bhuta Basti, Darjiling. Price Rs. 10.

One piece striped Thibetan blanket with narrow stripes of red, white, green, and yellow (*sado*), ditto ditto. Price Rs. 7

One Thibetan green blanketing, made in Thibet; used for blankets or rugs. Sent by ditto. Price Rs. 3.

Two Lepcha cloths (*lema*), No. 1, made in Sikhim, No. 2 in Thibet, purchased by the Deputy Commissioner of Darjiling. Price Rs. 10 and Rs. 12 respectively.

One piece of Thibetan serge, made in Thibet. Sent by the Deputy Commissioner of Darjiling.

Piece of Thibetan blanketing. Sent by the Deputy Commissioner of Darjiling.

Piece of Bhutia blanket. Purchased by the Deputy Commissioner of Jalpaiguri.

Two blankets. Purchased by the Local Committee of Gya at Rs. 7 and Rs. 4-8 respectively.

Two blankets. Purchased by the Sitámarhi Local Committee. Price Rs. 3 each.

CLASS XL.—SILK FABRICS.

Silk sari (*reshmi sari*)—Five yards in length, manufactured in a country loom, and exhibited by Kailas Chandra Rijak of Bishnapur. For sale, price Rs. 15.

Silk dhutis and chadar (*reshmi dhuti and chadar*)—Eight yards in length, ditto ditto. For sale, price Rs. 23. (Local price Rs. 22.)

Blue silk scarf (*asmani galaband*)—Two-half yards in length, ditto ditto. For sale, price Rs. 2-12.

Yellow silk scarf (*haridra rang galaband*)—Ditto ditto. For sale, price Rs. 2-12.

Silk gown (*kangini kutni*)—Used by up-country men. Piece 8 yards long. Sent by ditto. For sale, price Rs. 5-8.

Silk gown (*kangini kutni*)—Eight yards in length, woven by Srinath De of Bishnapur, and purchased by the Branch Committee of the Bankura district. Price Rs. 5.

Silk sheets (*kasam farna kutni*)—Seven yards in length. Woven by Kailas Chandra Rijak of Bishnapur, and purchased by the Branch Committee of the district for Rs. 4-6.

Silk sheets (*sanga*)—Nine yards in length, ditto ditto. Price Rs. 9.

Yellow silk (*hardi kutni*)—Nine and a half yards long, ditto ditto. Price Rs. 21-4.

Endi cloth (*endi kapar*)—Manufactured by Gobind Rajbansi in an ordinary country loom. This cloth, which is used for winter wear, is thick, tough, and durable. It becomes smoother as it grows old, and the color improves. Presented by Babu P. N. Ghosal of Malinganj, in the district of Rangpur.

Silk cloth (*lungi*)—Woven by a Magh woman of Cox's Bazar, and purchased for Rs. 19 by the Chittagong Local Committee.

Silk cloth (*khagur*)—Ditto ditto. Purchased by the Local Committee of the Chittagong district for Rs. 12.

Handkerchief, manufactured at Murshidabad. Sent for sale by Rai Sitab Chand Nahar, Bahadur, of Murshidabad. Price Rs. 25.

Sheet, manufactured at Murshidabad. Sent for sale by Rai Sitab Chand Nahar Bahadur. Price Rs. 30.

Three saris, manufactured at Murshidabad. Sent for sale by Rai Sitab Chand Nahar Bahadur. Price Rs 50, 70, and 40 respectively.

Dhuti, manufactured at Murshidabad. Sent for sale by Rai Sitab Chand Bahadur. Price Rs. 14.

A collection of Murshidabad silk, consisting of a *sari*, a *rumal*, and two *galabands*. Manufactured by Dubraj Tanti of Mirpur, and lent for exhibition by Babu Bansi Dhar Rai, of Murshidabad.

A collection of ditto, consisting of a gown-piece, four pieces of corah, three pieces of tasar, and twenty handkerchiefs. Sent by Messrs. L. Payen & Co. of Lyons, France, through the Murshidabad Local Committee.

A collection of ditto, consisting of—gown-pieces, price Rs. 30 and Rs. 24, a buff-print handkerchief, Rs. 8, a bleached print handkerchief Rs. 8, a common handkerchief Re. 1-12, a dhuti Rs. 12. Purchased by the Local Committee of Murshidabad.

A collection of ditto, consisting of a twilled gown-piece; local price Rs. 40, for sale at Rs. 50; one dozen handkerchiefs, local price Rs. 12, for sale at Rs. 15; one sari, local price Rs. 9; for sale at Rs. 10. Sent by Mukund Lal Barman of Barhampur.

A piece of matka cloth. Purchased by the Local Committee of Rajshahi at Rs. 16.

A collection of Bogra silk manufactures, purchased by the Local Committee of that district, consisting of—

Bogra silk cloth (*garad thán*). Price, Rs. 22-8-0 @ Rs 2-4 per yard. Made by Kali Prashád Basák of Bogra.

Bogra silk handkerchief (*garad rumal*). Price, Rs. 6 @ Re. 1 per piece. Made by ditto ditto.

Sherpur silk handkerchief (ditto). Price, Rs. 3 @ 8 annas per piece. Made by Nader Chánd Tanti of Sherpur.

Sherpur Kapardhul silk, (*kapardhular thán*). Price Rs. 25. Made by ditto, used for making mosquito curtains by rich men.

Ditto silk-cotton sári (*reshmi and sutar sari*). Price Rs. 8. Made by ditto.

Plain yellow piece of Chinese silk, sent on loan by C. A. Parker, Esq., of Chongtong, Darjiling district.

Embroidered yellow silk, sent by Dr. Joubert, Civil Surgeon, Darjiling.

Woman's silk apron, sent by ditto.

A collection of Chinese silk rolls, made in China, sent for sale by Nem Sring Munshi of Kalimpong, Darjiling district, consisting of—

- Blue flowered piece (*kachen limpa*), 13 yards. Price Rs. 160.
- Red embroidered (*kachen marpo*), 16 yards. Price Rs. 200.
- Flowered purple brown (*kachen tyamo*), 10 yards. Price Rs. 120.
- Flowered green (*kachen chankha*), 5 yards. Price Rs. 60.
- Flowered grey (*kachen karpa*), 5 yards. Price Rs. 70.
- Bhutia women's head dress, set with pearl and coral (patak), made in Thibet. Price Rs. 300.
- Yellow robe (*bukku kachen*), made in China. Price Rs. 130.
- Blue. ditto (*kachen*), ditto. Price Rs. 110.
- Woman's blue sleeveless robe (*kachen*), ditto. Price Rs. 70.
- Striped and embroidered Bhután robe (*tongku*), made in Bhután. Price Rs. 250.
- Blue apron (*gonam pathe*), made in Bhutan. Price Rs. 20.
- Bhután *sári*, broad stripe, worn by men as a shawl, ditto. Price Rs. 25.
- Ditto narrow striped shawl (*entham*), ditto. Price Rs. 30.
- Woman's robe (*tengchey*), made in Thibet. Price Rs. 30.
- Silk waistband with chopsticks, hanging pockets, and red pipe cloth (*jadi-fakra*). Price Rs. 25.

A collection of silk fabrics, purchased by the Magistrate of Malda, consisting of—

- Peacock neck (*mayur-kanthi*). Price Rs. 10.
- *Taj garad* (white, black border with flowers). Price Rs. 10.

Sunshine-shade or *dhuti*, purple (*dhupchhaya*). Price Rs. 4-4.
Manjlahar peacock neck piece (*mayur-kanthi manjlahar*). Price Rs. 9.
Two pieces of silk, presented by the Mayurbhanj and Barambá States (Cuttack). Specimens of white and yellow silk.
Silk *sári* sent for sale by the Barambá State. Price Rs. 15-4.
Two silk cloths, sent for sale by the Rájá of Tigaria (Cuttack). Price Rs. 20-4 each.
Pair ditto, sent for sale by the Barambá State. Price Rs. 13-4.
Piece of silk canopy, sent for sale by the Rájá of Tigariá. Price Rs. 11.

(For Tasar Silk *see* Section XLII, *Other Fabrics.*)

CLASS XLI.—JUTE FABRICS.

A piece of gunny cloth (*mekli*), made by Huri Thikadar of Khorba in Dinajpur, and exhibited by the Local Committee of that district, purchased for 8 annas. This cloth, which is woven by hand from five strings of jute, is worn by the females of lower classes when engaged in rough domestic work.

CLASS XLII.—OTHER FABRICS.

A *than* of 12 yards of twilled thin *tasar* (*chasma bunan*), woven in a country loom by Sri Charan Das of Bankura, and exhibited for sale by the maker. Price Rs. 20. Local price Rs. 18.
A pair of *tasar dhutis* with a red border (*tasar dhuti*), woven in a country loom by Mahes Das of Bankura, and exhibited by him for sale. Price Rs. 10. Local price Rs. 8.
A *than* of twilled *tasar* 15 yards (*chasma band,*) woven by Riday Lakhan Tanti of Bankura, and exhibited by him for sale. Price Rs. 24-6. Local price Rs. 22-8.
A *than* of flowered *tasar* (*phulti tasar*), woven by Haradhan Datta, and exhibited by him for sale. Price Rs. 26-4. Local price Rs. 24-6.
A *than* of plain *tasar* (*sada tasar*), woven by Sri Charan Lakhan, and exhibited by him for sale. Price Rs. 11-4. Local price Rs. 10.
Tasar cloth, plain, second quality, 10 yards (*tasar mota*), woven by Sri Charan Tanti of Gopinathpur, in the district of Bankura, and purchased by the Branch Committee of that district. Price Rs. 10.
Tasar cloth, twilled, 1st quality, 10 yards (*tasar mota*), woven by ditto, and purchased. Price Rs. 14.
Tasar silk, light gray, twilled, manufactured, and exhibited for sale by Tukru Tanti of Champahagar, in the district of Bhagalpur. Price Rs. 18.
Ditto darker, twilled.
Ditto brown, twilled.
Ditto brown, figured.
Tasar sari and a *tasar* piece, sent on loan by Rájá Ran Bahadur.
Tasar pieces, sent by Gya Public Library.
Three pieces ditto, presented by the Maharajá of Mayurbhanj (Cuttack).
Dhuti and *sari* of ditto, sent for sale by the Mahárájá of Keonjhar (Cuttack). Price Rs. 8-4 and Rs. 5-4.

CLASS XLIII.—MIXED FABRICS.

Mekli cloth (*Mekli kapar*), made by Hari Tanti of Naodabad, district Rangpur at Baragari, in thana Danila of that district. This cloth is made of jute and cotton coloured with country indigo. Presented by Babu Gobind Lal Ray of Teyhat, in the district of Rangpur.

A piece of *garbha suti* (11½ yards), a mixed fabric of cotton and tasar, woven by Sricharan Tanti of Gopinathpur, in the district of Bankura, and purchased by the Branch Committee of that district. Price Rs. 6-8.
Ditto ditto, 15 yards, woven by Damukar Tanti of Bankura, and exhibited by him for sale. Price Rs. 12. Local price Rs. 11.
A blue and white silk gown piece (*asmani reshmi kapar*), a mixed fabric of silk and cotton, woven by Kailas Chandra Rájak, of Bishnupur, in the district of Bankura, and purchased by the Branch Committee of that district. Price Rs. 27.
Bafta silk, a mixture of silk and cotton, piece 15 yards in length. Made by Tukru Tanti, of Bhagalpur, and purchased by the Local Committee of that district. Price Rs. 8-8.
Bafta silk, pagri, shot blue. Made by Tukru Tanti, of Bhagalpur, and purchased by the Local Committee of that district. Price Rs. 2-8.
Ditto ditto, shot red.
Colored *pánchrangá* silk dress on black net. Sent for sale by Messrs. Nitai Charan and Jaga Bandhu Baisák of Nawábpur, Dacca; used by European ladies. Price Rs. 100.
Karchabi chadar of white silk, used by respectable native ladies, sent by ditto. Price Rs. 25.
Ditto yellow, sent by ditto. Price Rs. 25.
Ditto *pánchrangá*, sent by ditto. Price Rs. 25.
Silk border *jámdáni jhálar*, sent by ditto. Price Rs. 8.
Pair of silk border for ladies dress, sent by ditto. Price Rs. 50.
Munga charkana kasida, used by Arabs, Persians, and Turks for overcoat, sent by ditto. Price Rs. 10.
Kata rumi kasida, used by ditto, and also by respectable Muhammadans of the Bombay and Madras presidencies for turbans, sent by ditto. Price Rs. 15.
Badan khas hasia chikan, sent by ditto. Price Rs. 16.
Reshmi rumal chikan, sent by ditto. Price Rs. 25.
Ditto sent by ditto. Price Rs. 5.
Samudra lahar rumal chikan, sent by ditto. Price Rs. 10.
Samudra lahar hasia, sent by ditto. Price Rs. 12 (used by the Moghuls for turbans).
Nila charkhana kasida, sent by ditto. Price Rs. 8 (used by Arabs, Turks, and Jews).
Azizulla, sent by ditto. Price Rs. 8 (used by ditto).
Ditto sent by ditto. Price Rs. 4.
Gingam sent by ditto. Price Rs. 8 (used by Jews).
Rehmi rumal chikan, Sent by ditto. Price Rs. 15 (used by Arabs and Turks).
Jauri safa sari, sent by ditto. Price Rs. 450 (used by native ladies).
Reshmi charkhaná juppa, sent by ditto. Price Rs. 45 (used by Arabs). A collection of mixed fabrics purchased by the Magistrate of Malda, consisting of:—

Bulbul chasham. Price Rs. 5-12.
Kostabina katar. Price Re. 1-8.
Gultisi katar. Price Re. 1-4.
Uda katar. Price 10 annas.
Duighar uda. Price 12 annas.
Belkali. Price Rs. 2.
Safeda machhli kanta. Price Rs. 6.
Lal tana, Price Rs. 3.

CLASS XLIV.—SHAWLS.

Nil.

CLASS XLV.—FANCY WORK.

Fans (*pankha*)—Manufactured by Khairullah Sarkar of Chaddapai, in the district of Rajshahi, and purchased for Rs. 3 by the Local Committee of that district.

Fan—Made of bamboo with border tyings of cane, by Trailokya Dass of Daulat Bazar, in the district of Dinajpur, and lent for exhibition by Babu Sita Kant Mukharji, Rai Bahadur, Deputy Magistrate and Collector of that district.

Fans—Made by Naba Patni of Gobindganj, in the district of Rangpur, and exhibited by Babu T. N. Lahiri, of Bardhankati, in that district. These fans are made of bamboo, and the net work weighs only one tola.

Fan made of talc and wheat stalks, made by respectable ladies of the Saran district, and lent for exhibition by the Mahárájá of Hatwa.

Embroidered fan—Made by Shaikh Chamru, of Jafarganj, Murshidabad, and purchased by the Local Committee of that district. Price Rs. 16-4.

Palm leaf fans, large and small, Purchased by the Local Committee of Gya. Price Rs. 5 and Re. 1 respectively.

Fan made at Surajpura, presented by Babu Rájrájeswari Prashad of Surajpura, Shahabad.

Ferandar. Made by ladies of the Rangpur district, and presented by Babu Gobind Lal Roy of Bardhhankati, in that district.

Antimaccasar, ditto ditto.

Ditto, *taila* Prepared by *Jumia* women of the Chittagong Hill Tracts in a loom, and used to cover the back of a chair. Presented by Mr. Burnell of Udaliya, in the district of Chittagong.

Gold embroidered table-cloth. Made by Abbas Ali of Kankina, in the district of Rangpur, out of embroidered silk cloth. Lent for exhibition by Babu M. R. Ray Chaudhuri.

Tray-cover (*kanchaposh*)—Made of embroidered velvet, and lent for exhibition by Babu Jinwar Dás, of Chapra.

Embroidery in gold and silver (*binaut*), sent on loan by Pir Ali, embroiderers of Patna.

Ditto, gold work, sent on loan by the Local Committee, Patna.

Elephant *jhul*, sent on loan by Piru Khan, embroiderers of Patna.

Gold work saddle-cloth (*zinposh*), sent for sale by Pir Ali of Patna: used at marriage processions. Price Rs. 114.

Kamdani cloth; used for clothing. Sent for sale by Rameswar Dás of Patna. Price Rs. 3-4.

Two embroidered coats (*zarda kurta*)—sent for sale by Shaikh Piru of Patna. Price Rs. 330 for two coats.

Embroidery for shoes (*kamdar juta*)—sent for sale by Pir Ali of Patna. Price Rs. 73.

Fringe. Sent by the Patna Committee for sale, price Re. 1.

Silver and gold wire for embroidery work (*kálábattu*)—sent for sale by the Patna Committee, price Rs. 3-8.

Horse trappings. Presented by the Rájá of Nayagarh (Cuttack).

Two bed sheets (*sujni*), 1 red and 1 white, cotton stuffed, with ornamental needle-work. Sent for sale by the Local Committee of Puri. Price Rs. 21 and Rs. 17.

Three pillow-covers. Sent for sale by the Local Committee of Puri. Price Rs. 8.

One canopy. Sent by ditto. Price Rs. 85.

A collection of Calcutta chikan-work. Sent by Patna Chikanwala and Sons of Taltala, Calcutta, consisting of—

Four handkerchiefs (large), price Rs. 5, 4, 4, and 3 respectively.
Three ditto (*dui-kholash*), price Rs. 3-8, 2-8, 3-8.
Three ditto (*ek-kholash*), price Re. 1-12 each.
One ditto (flowered), price Rs. 3.

One handkerchief (for hat), price Rs. 2.
Two ditto (shawl), price Rs. 7.
Two ditto, price Rs. 5 and 3-12 respectively.
Rohal chikans (6 yards), at Rs. 5 per yard.
One ditto, price Rs. 3-8.
Sample chikan (1 yard), price Rs. 5.
Two patent chikans, price Rs. 10 and 8 per yard.
Upper batta, price 12 annas.

CLASS XLVI.—APPAREL AND HABERDASHERY.

Sleeveless jacket (*tenga*) and 1 wide skirt; made in Thibet. Worn by Llámas on ordinary occasions. Sent for sale by Tenduk Palger of Bhutia Basti, Darjiling. Price. Rs. 45 and Rs. 35 respectiyely.

Thibetan gentleman's dress, sage green jackets and dark brown robe, embroidered with gold (*kachi* and *tangamko*). Made in Thibet. Sent by ditto. Price Rs. 130.

Llama's suit, containing one silk tunic (*chamko*), and 1 cloth worn over the shoulders as a chasuble (*kekab*) at the annual dancing festival. Purchased by the Deputy Commissioner of Darjiling. Price Rs. 130.

Fur coat, lined with silk (*kuchen pakcha*), brought from Thibet, purchased by ditto. Price. Rs. 80.

The following articles have been lent by Maharaja Rajendra Kishor Sing Bahadur of Bettia, Champaran:—

A jewelled vest (*nimastin*).
A satin chogha (*chogha*).
Tur vests (*nimastin*).
A coat.
Ditto (*kabha*).
An embroidered coat (*dhubcha*).
Lambswool-lined fur coat. Made in Thibet of skins of new-born lambs (*lugpag*). Purchased by the Deputy Commissioner of Darjiling at Rs. 14.

CLASS XLVII.—BOOTS, SHOES, AND SLIPPERS.

Pair of embroidered shoes, manufactured by Shaikh Chamru of Jafarganj, Murshidabad, and purchased by the Local Committee of that district. Price Rs. 22.

Shoes worn by females, sent by the Local Committee of Patna for sale. Price Rs. 3-4.

Two pairs of Sasseram wooden sandals, presented by Babu Rájrájeswari Prashad of Surajpura, Shahabad.

One pair of sandals, purchased by the Local Committee of Muzaffarpur. Price, 2 annas.

Two pairs of of Marathi slippers, presented by Babu Ganesh Chandra Sing of Cuttack.

Five pairs of Marathi slippers, purchased by the Local Committee of Cuttack. Price, Re. 1-7, 1-7, 1-3, 1-8 and 1-8 respectively.

CLASS XLVIII.—HATS AND CAPS.

Bamboo hat (*topi*)—made by the Tipperas of Hill Tippera, and purchased for 2 annas by the Branch Committee of the Tippera district.

Turban (*pagri*)—Ditto ditto, purchased for 4 annas.

Nepali cap (*topi*)—manufactured by Indrabhuj Sahai of Nepal, and embroidered with pearl, lace, and diamond. Estimated value Rs. 105. Sent by Mahamud Lalit Das of Charaut, through the Branch Committee of the Sitamarhi subdivision in the district of Muzaffarpur.
Ditto ditto, made of velvet and lace. Price, Rs. 25.
Red silk hat for State occasions (*sakjha*)—made in Thibet, sent for sale by Nem Sing Munshi of Kalimpong, Darjiling district. Price Rs. 35.
Yellow silk hat for ordinary wear (*bakto*), ditto. Price Rs. 5.
Wicker helmet (*muktam*)—made in Sikkim, sent by the Deputy Commissioner of Darjiling. Price Rs. 2.
Llama cap (*peja*)—made in Sikkim, purchased by the Deputy Commissioner of Darjiling. Price Rs. 10.
Hat (*shyana*)—made in Thibet, purchased by the Deputy Commissioner of Darjiling. Price Rs. 6.
Thibetan hat (*chingja*)—brought from Thibet, purchased by ditto. Price Rs. 3.
Embroidred caps, sent for sale by the Local Committee of Patna. Price Rs. 43.
Five gold embroidered caps, sent for sale by Piru Khan of Patna. Price Rs. 80, or Rs. 16 each.
Gold embroidered caps, sent for sale by the Patna Local Committee. Price Rs. 15.
Ordinary hats, sent by ditto. Price 13 annas.
Turbans (*pagris*), sent by ditto. Price Rs. 7-1.
Two Dumraon turbans, presented by Babu Rájrájeswari Prashád of Surajpura, Shahabad.
A hat (*topi*) sent on loan by Maharajah Rajendra Kishor Sing Bahadur of Bettia, Champaran.
A pair of turbans (*pagris*), blue and red shot silk, purchased by the District Committee of Bhagulpur. Price Rs. 3 each.
Three wicker hats (*jhamp*), presented by the Rájá of Dhenkanal (Cuttack.)
One ditto, presented by the Rájá of Daspalla (Cuttack).
Two palm-leaf hats presented by Babu Hari Mohan Sen, Deputy Magistrate, Diamond Harbour, district 24-Parganas.

CLASS XLIX.—UMBRELLAS AND PARASOLS.

Bamboo umbrella (*jhanpi*)—made by Lal Muhammad and decorated with mica. Presented by Baboo J. B. Sen, of Kanungotola, in the district of Rangpur.
Ditto (*chhata*), made of *kreep* leaves. Presented by Babu Nabin Chandra Dás, Deputy Magistrate and Collector, Chittagong.
Ditto (smaller), made of *kreep* leaves, and purchased for Re. 1 by the Local Committee of the Chittagong district.
Pair of *jamra*, made of *kreep* leaves. Purchased by the Local Committee of the Chittagong district, price Rs. 2.
Nepalese umbrella (*chhati*), made in Dhánkotá, Nepal, sent by Haridás Pradhán, through the Deputy Commissioner of Darjiling.
One rod and 1 stool of gámár wood (*Gallina arborea*), for a large umbrella, serving for a canopied ottoman for use in the open air, so as to accommodate three persons, presented by Babu Nobin Chandra Dás of Chittagong.
An umbrella (*chhata*), sent on loan by Mahárájá Rájendra Kishor Sing Bahádur of Bettia, Champaran.
Two umbrellahs, presented by the Rájá of Dhenkánal (Cuttack).

CLASS L.—JEWELRY AND PRECIOUS STONES.

An emerald *dastband*, set with two engraved diamonds bearing inscriptions. The emerald itself is also beautifully engraved, lent by Nawab Abdul Ghani, C.S.I., of Dacca.

The Darya-i-Nur, or river of light, a sister diamond to the Koh-i-Nur, lent by Nawab Abdul Ghani, C.S.I., of Dacca.
A diamond known as the Louis Treize, late the property of the Empress of the French, lent by Nawab Abdul Ghani, C.S.I., of Dacca.
An emerald *dastband* set with diamonds, late the property of the Empress of the French, lent by Nawab Abdul Ghani, C.S.I., of Dacca.
Jewelry, lent by Nawab Ali Kadr Sayyid Husan Ali Mirza of Murshidábad.
Silver necklace (*har*), made by Rám Sáhá Sonár of Kharakpur in Monghyr, purchased and sent by the Local Branch Committee.
Pair of silver head-ornament, made and sent by ditto.
Five pairs of bangles (*churis*), made of wire by Johuri Lal of Monghyr, purchased by ditto.
Gold locket with chain necklace (*janta*), made in Sikkim by Kancha Sonár, sent on loan by Haridás Pradhán, through the Deputy Commissioner of Darjiling.
Gold necklace (*towai*), ditto ditto.
Ditto with green glass beads (*tik*), made in Elam, Nepal, ditto ditto.
Gold head-flower (*phul*) ditto ditto.
Pair of gold earrings (*tokicha*), worn in the upper portion of the ear, made at Darjiling, sent by ditto.
Pair of ditto, round and flat (*tariwar*), worn in the lower portion of the ear, made in Sikkim by Kancha Sonár, sent by ditto.
Silver necklace (*tik*), made by Karbir Sonár of Darjiling, sent by ditto.
Silver coin-necklace (*hari*), made by Kancha Sonár of Sikkim, sent by ditto.
Pair of silver bracelets (*chura*), made by Karbir Sonár of Darjiling, sent by ditto.
Silver chain-necklace with locket (*chandrahar*), made by Kancha Sonár of Sikkim, sent by ditto.
Small coin-necklace (*hari*), made by Karbir Sonár of Darjiling, sent by ditto.
Pair of carved silver bracelets (*deu*), made in Thibet, sent for sale by Nem Sring Munshi of Kalimpong, Darjiling district. Price Rs. 20.
Pair of silver ornaments (*chapcha*) of Thibetian woman; worn at the back, hanging from the waist, made in China, sent for sale by Tenduk Palger of Bhutia Basti, Darjiling, price Rs. 120.
Pair of silver shawl-pins with chain (*kachang*), the pins are used in fastening the shawls on the front, while the chain hangs on the back, made in Bhutan, sent for sale by ditto, price Rs. 120.
Pair of woman's gold earrings (*pendab*), set with torquoise, made in Thibet, and worn as a coronet, sent for sale by Nem Sring Munshi of Kalimpong, Darjiling district, price Rs. 80.
Coral and torquoise necklace with gold and torquoise amulet (*kau* and *khasiya*), made in Thibet, sent by ditto, price Rs. 200.
Man's single earring, gold, mounted pearl and torquoise (*saji*), made in Thibet, sent by ditto, price Rs. 120.
Woman's coral and amber necklace (*peshe*), made in Thibet, sent by ditto, price Rs. 60.
Silver armlet bore, worn by men (*shango*), ditto, sent by ditto, price Rs. 20.
Silver waistband (*chagu*), set with torquoise and brooch, ditto, sent by ditto, price Rs. 10.
Ditto, coarser work, ditto, ditto, price Rs. 60.
Man's waistband, worked silver and gold, made in Bhutan, sent by ditto, price Rs. 100.

A collection of gold and silver jewelry sent on loan by Mahárájá Rádhá Prashad Sing Bahádur of Dumraon, Shahabad, consisting of—

Gold Jewels.

A large female figure, with gold jewels.
1 nose-ring with pendent and pearls (*nathni*).
1 *banani* with ticka, set with ruby and emerald (*banani manik* and *panna*).

1 nose pendent set with pearls (*bolak moti jorakua*).
Earrings set with pearls (*pat moti jora*).
Ring set with precious stones (*Arsi*).
Necklace set with precious stones (*jana*).
Earring set with precious stones (*turki*).
One pair earrings, with their pendents and chain (*karnphul* with *jhumak* and *sikri*).
Ear pendents set with precious stones, with garland of pearls (*jhumak jodai*).
Ghunsi with *tikra*.
Baju, one pair of 12 gold coins.
Pakhwai.
Ghundi.
Baju baburia with 2 *ghundis*.
Badhi of gold coins.
Madar mala of 59 beads.
Khoia baju of 30 beads.
Choti for head, beads 11.
One pair *bhojband*, set with precious stones.
Churi, one pair, set with false stones.
Pahuchi, chakuadar, with *ghundis*, beads 24.
Pahuchori.
Pahuchi set with stones, beads 16.
Tada luri, 11.
Hath sankar, with rings and chains.
Belt, beads 58.
Jhaba.

Silver Jewels.

One pair *kara*.
Ditto *paijani*.
Ditto *newara*.
Ditto *pairi*.
Ditto *paozeb*.
Ditto *anguthi*.
Ditto *god sankar*.
Eight *bichia*.

The following silver ornaments have been sent for sale from Cuttack:—

A set of ornaments, daisy pattern, consisting of 1 necklace, 1 pair of bracel 1 pair of earrings, and 1 brooch, sent by Subnis of Cuttack, price Rs. 51-8.
Pair of anklets (*mal*), sent by Kapil Sáhu of Cuttack, price Rs. 35.
Three pairs of bracelets (*churi*), sent by ditto, price Rs. 51-8, Rs. 26-12, and Rs. 13-8.
A set of bracelets (12 in number), sent by ditto. Price Rs. 29.
Pair of bracelets, ivory pattern, sent by ditto. Price Rs. 26-12.
Ditto, daisy pattern, sent by ditto. Price Rs. 26-12.
Ditto (*bala*), leaf pattern, sent by ditto. Price Rs. 25-12.
Two crosses in chain, sent by ditto. Price Rs. 8 each.
A set of ornaments (as No. 67), sent by Arjun Sahu. Price Rs. 49-8.
Ditto ditto, diamond pattern, sent by ditto. Price Rs. 53-8.
Ditto ditto, leaf pattern, sent by Lakkhan Sahu. Price Rs. 45.
Brooch, diamond pattern, sent by ditto. Price Rs. 3.
Locket, sent by Lakkhan Sahu. Price Rs. 6.
Pair of bracelets (*churi*), sent by Lakkhan Sahu. Price Rs. 25.
Set ditto, 12 in number, sent by ditto. Price Rs. 17.
Set of ornaments, consisting of 1 necklace, 1 pair of bracelets.
Pair of earrings mounted upon Rudrakkha seeds, sent by Jagu Jethi. Price Rs. 20.

Brooch, rose pattern, sent by Jagu Jethi. Price Rs. 7-4.
Two sets studs, sent by ditto. Price Rs. 2-8, and Rs. 3.
Pair of bracelets, sent by ditto. Price Rs. 17-8.
Butterfly, sent by ditto. Price Rs. 3.
Two sets of ornaments, rose pattern, and jessamine pattern, sent by Parmanand Jethi of Cuttack. Price Rs. 56-8 and 46-8.
Brooch, rose pattern, sent by ditto. Price Rs. 5-4.
Three butterflies, sent by ditto. Price Rs. 3 each.
Pair of hair pins, sent by ditto. Price Rs. 11-4.
Locket, sent by ditto. Price Rs. 7-4.
Set of ornaments, sent by Nand Jethi of Cuttack. Price Rs. 56-8.
Pair of bracelets, lily pattern, sent by ditto. Price Rs. 20-8.
Ditto, diamond flower pattern, sent by ditto. Price Rs. 31.
Two brooches, sunflower pattern, sent by ditto. Price Rs. 6-4 each.
Two pairs of buckles, sent by ditto. Price Rs. 4 and Rs. 2.
A set of bracelets, 6 in number, sent by ditto. Price Rs. 15-8.
Brooch, sent by Arjun Sáhu of Cuttack. Price Rs. 5.

A collection of jewelry, sent on loan by Mahárájá Rájendra Kishor Sing Bahádur of Bettia, Champaran, consisting of—

Ornaments for Men.

Ornament for head (*sirpech*).
Emerald necklace (*kanta*).
Diamond necklet (*dularà*).
Pair of armlets (*bhoji*).
Ditto (*baju*).
Bracelets (*kara*).
Two diamond rings (*anguthi kaul*).

Jewels for Ladies.

An ornament for the head (*mangtika*).
Ditto (*satlahari*).
Necklace (*panchlahari*).
Ditto, with pendent (*chandarhar*).
Two ornaments for throat (*galaband*).
Two pearl necklaces (*mala*).
Necklace (do.)
Ornament for throat (*galaband*).
Necklace (*kattala*).
A pair of earrings (*kan ki bali*).
Ditto (*karanphul*).
Ditto (*bala*).
Ornament for head (*sirphul*).
Nose-ring (*nath*).
Ditto (*baysur*).
Armlets (*jasam*).
Bracelets (*kara hath ki*).
Bracelets (*bangari*).
A pair of armlets (*chunot*).
Two pairs of armlets (*pattoa*).
A pair of bracelets (*kakanna*).
Bracelets (*kassia*).
Ditto (*pahunchi*).
Armlets (*churi*).
Anklets (*pauzeb*).
Nose-ring (*nath*).

1 nose pendent set with pearls (*bolak moti jorakua*).
Earrings set with pearls (*pat moti jora*).
Ring set with precious stones (*Arsi*).
Necklace set with precious stones (*jana*).
Earring set with precious stones (*turki*).
One pair earrings, with their pendents and chain (*karnphul* with *jhumak* and *sikri*).
Ear pendents set with precious stones, with garland of pearls (*jhumak jodai*).
Ghunsi with *tikra*.
Baju, one pair of 12 gold coins.
Pakhwai.
Ghundi.
Baju baburia with 2 *ghundis*.
Badhi of gold coins.
Madar mala of 59 beads.
Khoia baju of 30 beads.
Choti for head, beads 11.
One pair *bhojband*, set with precious stones.
Churi, one pair, set with false stones.
Pahuchi, *chukuadar*, with *ghundis*, beads 24.
Ditto ditto [illegible]
Ornament for ears (*turki*), beads 16.
Bracelets (*panchari*).
Anklets (*kara paer ka*).
Ditto, chain (*torra*, *dolahari*).
Ditto, with pendent (*gunjiri paer ka*).
Toe-rings (*bichia*).
Ornament for body (*buddhi*).
Ditto for back of head (*banupatta*).
Bracelets (*kara hath ka*).

CLASS LI.—PERFUMERY.

Bottle of chameli oil. Sent on loan by Maulvi Tafazzul Husain Khán of Behar.
Samples of rose-water and otto. Presented by Mahárájá Rádha Prashad Singh Bahádur of Dumráon.

CLASS LII.—OBJECTS NOT SPECIFIED.

(*a*)—*Shell Ornaments.*

Pair of plain shell bracelets. Made by Dasarathi Chandra of Patuli. Sent by Local Committee, Burdwan, local price Rs. 2-13; for sale at Rs. 3.
Ditto coloured. Ditto. Ditto, local price Rs. 2-12; for sale at Rs. 2-14.
A pair of shell ornaments (*bauti*). Manufactured by Paran Chandra Sankhari of Bankura, and exhibited by him for sale. Price Rs. 5. Local price Rs. 4.
A pair of shell bracelets, 1st quality (*kankan*). Manufactured by Haradhan *alias* Khetu Sankhari of Bishnapur, district Bankura. Purchased by the Branch Committee. Price Rs. 12.
Shell ornaments, 2nd quality. Ditto. Purchased by ditto. Price Rs. 6.
Shell ornament, 3rd quality (*bauti sankha*). Made by Paran Chandra Sankhari, and purchased by the Bankura Branch Committee. Price Rs. 4.
Ditto, 4th quality. Ditto. Purchased by ditto. Price Rs. 3.
A collection of shell ornaments, purchased by the Local Committee of Pabna. These shell ornaments are made principally in the town of Chatmohar, in the Pabna district. The shells are brought from the Nadiya district, and are sawn up here into rings, and then ground into shape on stone

Brooch, rose pattern, sent by Jagu Jethi. Price Rs. 7-4.
Two sets studs, sent by ditto. Price Rs. 2-8, and Rs. 3.
Pair of bracelets, sent by ditto. Price Rs. 17-8.
Butterfly, sent by ditto. Price Rs. 3.
Two sets of ornaments, rose pattern, and jessamine pattern, sent by Parmanand Jethi of Cuttack. Price Rs. 56-8 and 46-8.
Brooch, rose pattern, sent by ditto. Price Rs. 5-4.
Three butterflies, sent by ditto. Price Rs. 3 each.
Pair of hair pins, sent by ditto. Price Rs. 11-4.
Locket, sent by ditto. Price Rs. 7-4.
Set of ornaments, sent by Nand Jethi of Cuttack. Price Rs. 56-8.
Pair of bracelets, lily pattern, sent by ditto. Price Rs. 20-8.
Ditto, diamond flower pattern, sent by ditto. Price Rs. 31.
Two brooches, sunflower pattern, sent by ditto. Price Rs. 6-4 each.
Two pairs of buckles, sent by ditto. Price Rs. 4 and Rs. 2.
A set of bracelets, 6 in number, sent by ditto. Price Rs. 15-8.
Brooch, sent by Arjun Sáhu of Cuttack. Price Rs. 5.

A collection of jewelry, sent on loan by Mahárájá Rájendra Kishor Sing Bahádur of Bettia, Champaran, consisting of—

Ornaments for [illegible]

Ornament for head (*sirpech*). [illegible]raja and Krishna Nuri of Gushkara.
Emerald necklace [illegible] price Re. 1; for sale at Re. 1-2.
Diamond [illegible] ditto. Sent by ditto. Local price 12 annas; for sale at [illegible]nas.
[illegible]to, ditto ditto. Local price 8 annas; for sale at 9 annas.
Ditto, ditto ditto. Local price 6 annas; for sale at 7 annas.
Lac bangles (*lathi ki chur*). Worn by native women of all classes above the wrists. Presented by Mr. Harding, Subdivisional Officer of Tájpur, Darbhánga.
Ditto. Purchased by the Local Committee of Darbhánga. Price Re 1.
Lac bangles (*sanka*), purchased by the Local Committee of Cuttack. Price 12 annas.

(*c*)—*Glass Ornament.*

Five sets of glass bracelets (*kanch-ki-churi*). Manufactured by Fakir Hussain of Bhagalpur, and purchased by the Local Committee of that district. Price Rs. 5-4.
Pair of embroidered bracelets and 2 pairs of thin glass bracelets. Manufactured by Muhammad Haji of Gainpura, Murshidabad, and sent for sale by Munshi Fazlu-l-Rabi. Prices Rs. 6, 2-8, and Re. 1-4, respectively.
Bracelets (*churi*), worn by the native women of the poorer classes. Sent for sale by the Local Committee, Patna. Price Re. 1-8.
Tiklis or ornaments worn on the forehead by women. Made of thin painted glass. Sent for sale by the Local Committee, Patna. Price Rs. 4.
Glass bangles, made of glass imported from Patna and Benares. Purchased by the Local Committee of Hájipur. Price 1½ annas each.

(*d*)—*Brass Ornaments.*

Collection of 48 brass ornaments. Lent for exhibition by the Mahárájá of Hatwa in the district of Saran. Worn by the lower classes.
A collection of 17 brass ornaments worn by the women of Behar. Sent by Behary Lall Barik of Gya, and 3 pieces sent by Kanhya Lal Dheuri of ditto.
A collection of ornaments worn by native women. Sent on loan by Messrs. Burrows, Thomson, and Mylne, of Bihia, Shahabad.

1 nose pendent set with pearls (*bolak moti jorakua*).
Earrings set with pearls (*pat moti jora*).
Ring set with precious stones (*Arsi*).
Necklace set with precious stones (*jana*).
Earring set with precious stones (*turki*).
One pair earrings, with their pendents and chain (*karnphul* with *jhumak* and *sikri*).
Ear pendents set with precious stones, with garland of pearls (*jhumak jodai*).
Ghunsi with *tikra*.
Baju, one pair of 12 gold coins.
Pakhwai.
Ghundi.
Baju baburia with 2 *ghundis*.
Badhi of gold coins.
Madar mala of 59 beads.
Khoia baju of 30 beads.
Choti for head, beads 11.
One pair *bhajband*, set with precious stones.
Churi, one pair, set with false stones.
Pahuchi, chukuadar, with *ghundis*, beads 24.
Beads for *kishori*.
Tippera with stones, beads 16.
Two pairs of beads. [illegible] each. [illegible] ains.
One pair of bracelets, 1 necklace, 1 b[illegible] horn. Made by some Muhammadan.

(f)—Other Objects of Personal Use.

Stick of betel wood. Made by Sukha Mistri, and exhibited on loan by the [illegible] rájá of Hatwa in the district of Saran.
A walking-stick (*chhari*). Sent on loan by Nawab Wilayat Ali Khan, C.I.E., Patna. This is a specimen of neat workmanship. Made by the owne workman; it is the custom for wealthy men to keep in their empl artisans for the manufacture of curiosities and knick-nacks.
Three sticks, 1 of ivory, 1 of deer and buffalo-horn with an ivory knob at the t and 1 of buffalo-horn. Sent for sale by Babu Nand Kishor Dás Cuttack. Price Rs. 6, 8-4, and 6-4, respectively.
Three sets of four ivory studs. Sent for sale by Babu Nand Kishor Dás Cuttack. Price Re. 1 each set.
Two ditto of horn, four in number. Sent by ditto. Price 8 annas per set.
Sleeve-buttons of ivory, six in number. Sent by ditto. Price 8 annas.
Two sets of ditto of horn. Sent by ditto. Price 4 annas each set.
Snuff-box (*nasdani*). Sent by ditto. Price Re. 1.
Four snuff-boxes (*nasdani*). Sent for sale by Babu Nand Kishor Dás of Cuttac Price Rs. 12 each.
One ditto. Sent by ditto. With the ten incarnations of Vishnu carved upon t rind of a bael fruit. Price Rs. 10.
Paejama strings (*izarband*). Sent for sale by the Patna Committee. Pric Rs. 4-8.
Leather bag. Made of leather tanned in the country at Jadabpur, 24-Pargana Purchased by the Local Committee. Price Rs. 2.
Bag (*tora*). Made by the ladies of Diwan Raghubans Sahai's family. Used f keeping articles for worship. Price, Rs. 2-4.
Bag (*tilak batua*). Made by the ladies of the family of Babu Ramb[illegible]hajan Sir of Muniari. Used for keeping earth for marking the foreh[illegible]ad. Pri Re. 1.
Lime-pot (*chunnauthi*). Price 3 annas.
Brush (*jhaphani*). Price 5 annas.

Brooch, rose pattern, sent by Jagu Jethi. Price Rs. 7-4.
Two sets studs, sent by ditto. Price Rs. 2-8, and Rs. 3.
Pair of bracelets, sent by ditto. Price Rs. 17-8.
Butterfly, sent by ditto. Price Rs. 3.
Two sets of ornaments, rose pattern, and jessamine pattern, sent by Parmanand Jethi of Cuttack. Price Rs. 56-8 and 46-8.
Brooch, rose pattern, sent by ditto. Price Rs. 5-4.
Three butterflies, sent by ditto. Price Rs. 3 each.
Pair of hair pins, sent by ditto. Price Rs. 11-4.
Locket, sent by ditto. Price Rs. 7-4.
Set of ornaments, sent by Nand Jethi of Cuttack. Price Rs. 56-8.
Pair of bracelets, lily pattern, sent by ditto. Price Rs. 20-8.
Ditto, diamond flower pattern, sent by ditto. Price Rs. 31.
Two brooches, sunflower pattern, sent by ditto. Price Rs. 6-4 each.
Two pairs of buckles, sent by ditto. Price Rs. 4 and Rs. 2.
A set of bracelets, 6 in number, sent by ditto. Price Rs. 15-8.
Brooch, sent by Arjun Sáhu of Cuttack. Price Rs. 5.

A collection of jewelry, sent on loan by Mahárájá Rájendra Kishor Sing Bahádur of Bettia, Champaran, consisting of—

Ornaments for [illegible]e. Sent for sale
Ornament for head (*sirpech*). [illegible]braja an[illegible]sak of Nawábpur, Dacca.
Emerald necklace [illegible] price Re. 1.
Diamond n[illegible]itto. Sent by [illegible]ittee of Patna. Price Rs. 2.
[illegible]nas.
[illegible]to, ditto [illegible]. Price Rs. 15.
Ditto, di[illegible]
La[illegible]

CLASS LXI.—COTTON MANUFACTURES.

See Class XXXVIII.

CLASS LXV.—MANUFACTURES OF JUTE.

See Class XLI.

CLASS LXVII.—OTHER FABRICS AND MANUFACTURES THEREFROM.

Yarn made of plantain fibre. Sent for sale by Nitái Charan and Jagabandhu Basák of Nawábpur, Dacca. Price Rs. 5.
Sabe rope. Made from *sabe* grass. Purchased by the Local Committee of Darbhángá. Price 2 annas.

See also Catalogue of Raw Products.

CLASS LXVIII.—PAPER.

Jute paper (*pater kaghaz*), Made in the Rangpur district, and presented by Babu P. N. Ghosal of Mahiganj.
Native paper; made at Munshiganj, Dacca, by Meghu Kágazi and others, sent by the makers, through the Local Committtee.
Four sorts of country paper presented by C. P. Casperz, Esq., Subdivisional Officer of Sassaram, Shahabad.
Country paper, made at Berhampura and Kanhauli. Purchased by the Local Committee of Muzaffarpur. Price 2½ annas.

Bhutia paper, 130 sheets. Made in Bhután from the bark of a tree. It is lasting and is said to be less liable to become worm-eaten than other description of paper. Purchased by the Deputy Commissioner of Jalpaiguri for Rs. 2
Specimens of Daphne paper (*yigsha*)—Made in Thibet. Purchased by the Deputy Comissioner of Darjeeling at 8 annas.

CLASS LXIX.—IVORY, TORTOISE-SHELL, SPONGE, AND SHELLS.

See Class A, Section VI, for Ivory manufactures, and Class E, Section LII, for Shell Manufactures.

CLASS LXXXI.—OTHER PRODUCTS AND MANUFACTURES NOT SPECIFIED.

Polishing leaf (*kharsan patra*). Presented by the Local Committee of Cuttack.

SECTION G.—MACHINERY AND IMPLEMENTS, MEANS OF TRANSPORT, APPLIANCES AND PROCESSES USED IN THE COMMON ARTS AND INDUSTRIES, INCLUDING MODELS AND DESIGNS

CLASS LXXXVII.—ARTILLERY, ARMS, AMMUNITION, WAR MATERIAL.

Sword with siver-mounted scabbard (*khiring*)—made in Bhutan, sent on loan by Tamlota Mandal of Peydong, Kalimpong, Darjiling district.
Gold and siver worked dagger (*patu*)—mounted with torquoise, made in Bhutan Sent for sale by Pedong Mandal of Peydong, Darjiling district. Price Rs. 220.
Brass dagger (*phurbu*)—made in Bhutan, used for laying ghosts. Sent for sale by Peydong Monastery, Darjiling district. Price Rs. 20.
Dagger (*patta*), gold and siver mounted, made in Bhutan, sent for sale. by Nem Sring Munshi of Kalimpong, Darjiling district. Price Rs. 100.
Ditto (*khichung*), ditto ditto. Price Rs. 60.
Sword (*patang*), in silver scabbard, ditto, ditto. Price Rs. 100
Kukri with siver scabbard, made in Nepal. Sent for sale by Hari Dás Pradhán of Darjiling. Price Rs. 30.
Thibetan gun with powder flask (*menda* and *jachay*), made in Thibet. Sent for sale by Tenduk Palger of Darjiling. Price Rs. 35.
Bow with two arrows (*dhanuk and tir*), tipped with bamboo, and eight tipped with iron, with a bamboo quiver. Purchased by the Deputy Commissioner of Darjiling. Price Rs. 16.
Bhutia sword, made in Bhutan, ordinary quality. Purchased by the Deputy Commissioner of Jalpaiguri. Price Rs. 2-8.
One large and one small musket, one large and one small pistol, and one dagger. Sent on loan by the Mahárájáh of Deo.
Rifle-grooving tools and bullet-mould, made by Bachu Lohar. Sent on loan by Messrs. Burrows, Thomson, and Mylne, of Bihia, Shahabad.
A collection of arms, consisting of 1 rifle, 1 hand-musket, 4 swords, 2 cutlasses, 1 long knife, 1 *khanjar*, 1 pair of knives, 1 mace, 1 axe, and 1 *kowa-tári* Sent on loan by Mahárájá Rádha Prásad Sing, Bahádur, of Dumráon, Shahabad.

A collection of arms, sent on loan by Mahárájá Rajendrá Kisor Sing, Bahádur, of Bettia, Champaran district, consisting of—

Sword with ivory handle (*zulfikr nagadan*).
Sword (*talwar, laloa*).
Sword from Khorasan (*kirich, Khorasani*).
Persian swords (ditto, *Ispahani*).
Sword (*talwar*).
Sword (*kirich, shikargar*).
Ditto (*shoshun patta*).
Ditto with gold on blade (ditto, *nushtidar*).
Long sword (*saif*).
Sword (*talwari niwazkhani*).
Ditto (*nagdaun*).
Ditto (*talwar, sirohi*).
Ditto (*nagdaun*).
Ditto (*shoshun patta*).
Knife (*chhora*).
Nepalese knives (*dabbia*).
Afghan ditto (*jhabia*).
Bhutan ditto (*gupti*).
Choppers (*tabba*).
Dagger (*gupti jabar takia*).
Afghan dagger (*kanja*).
Knife (*chhuri*).
A state sword (*kirich*).
Slaughtering-knife (*kharag*).
Dagger (*kattar*).
Sword (*talwar*).
Matchlocks (*banduk, lahori*).

Dagger (*chhora*), purchased by the Local Committee of Monghyr.
Match lock, 1 bill-hook (*katuri pharsa*), arrows (biforked and flattened) and 1 dagger, presented by the Rájá of Dhenkánal through the Local Committee of Cuttack.
Two axes (*pharsa* and *tabla*), and 2 arrows, presented by the Rájá of Talcher, through ditto.
Ten arrows presented by the Baramba State, through ditto.
Arrows (*baktra* or *sanja*) with a coat and helmets, and a waist-belt in the form of a snake.

CLASS LXXXIX.—OCEAN, COAST, AND RIVER-NAVIGATION.

Model of ship (*jahaz*), purchased by the Local Committee of Chittagong. Price Rs. 5.
Model of country dug-out boat (*dingi*), ditto. Price Rs. 2.

CLASS XC.—CARRIAGE AND VEHICLES, WHEEL-WRIGHTS' WORK.

Ekka, or ordinary two-wheeled vehicle, used in Behar and the North-Western Provinces, sent for sale by the Local Committee of Patna. Price Rs. 12.
Palanquin (*jhampan*), sent on loan by by Mahárájá Radha Práshad Sing, Bahádur, of Dumraon, Shahabad.

CLASS XCI.—WORKSHOP MACHINES AND TOOLS.

A collection of implements used by goldsmiths of Behar, presented by Mahárájá Radha Práshad Sing, Bahádur, of Dumraon, Shahabad.

Class XCII.—Blacksmiths' Work, Locks, Safes, &c.

Lock with duplicate keys (*tala*) manufactured by Kali Charan Kamar, of Sonamukhi, in the district of Bankura, and exhibited by him for sale. Price Rs. 20. Local price Rs. 15.

Nepalese lock, manufactured by Sukka Mistri of Chapra, and lent for exhibition by the Mahárájá of Hatwa.

Secret lock (*tala*), sent on loan by Moulvi Abdul Aziz, of Behar.

Two padlocks, purchased by the Local Committee of Gya. Price Rs. 2.

Locks with keys, purchased by the Local Committee of Muzaffarpur. Price Rs. 3.

Lock (*tala*) made at Lowapur, purchased by the Local Committee of Hájipur. Price 4 annas.

Bit (*kanta lagam*), sent for sale by the Rájá of Ranpur (Cuttack). Price Rs. 2-2.

Padlock, sent for sale by Bidjadhar Ojha of Cuttack. Price Rs. 20-8.

It consists of two parts, the lock and the bolt. The lock has a shutter worked by a secret spring over the key-hole, and a similar false shutter on the back. The distinguishing mark between the real and false shutter is that the former has two lines about its edge, which the latter has not. There is a ring attached to a rod, which reaches into the interior of the lock, and there are two side pins. On the reverse side the bolt has two grooves, one on either side. To open the lock, pull the ring tightly, so that about a quarter of an inch of the rod comes out Turn the rod by means of the ring about 45 degrees to the right and leave it in an angular position,—in any other position it returns to its former place, then press simultaneously the right-hand pin and the false shutter to the left. The shutter over the key-hole opens. Turn the shutter 180 degrees, a key-hole with four cells opens. Press down the key-hole by means of the key, and turn it about 45 degrees. Take out the key, turn round the shutter to its former place, another key-hole appears, apply the key to the hole and screw it down as far as it can go. Then pull the bolt, it separates from the lock.

Padlock (*kulup*) purchased by the Local Committee of Cuttack. Price Re. 1-2. To open the lock, hold it with the bolt downwards. The knobs marked A being pulled to the left, the face remote from the bolt opens, presenting an aperture to the view. Apply the key to the aperture and give it a horizontal motion ; the lock opens.

Class XCIII.—Carpenters' Work, Joinery, &c.

Wooden bracket, manufactured by Kangali Charan Dás of Kankina, in the district of Rangpur, and lent for exhibition by Babu M. R. Ray Chaudhari of Kankina.

Class XCVII.—Tobacco and Implements used in the Consumption thereof.

Hubble-bubbles (*hukka*), presented by Moulvi Fazl-ul Ali, Superintendent of the Chittagong Madrissa. The *hukka* consists of an inner vessel to hold water and an outer vessel for ornament. A short tube is fixed in a hole at the top of the vessel, and on it is placed the earthen *kalki* or receptacle for tobacco, which is lighted with a live coal. The smoke is drawn through a long tube (*nal*), fitted to another hole, and filled with water. Earthen *hukkas* are made in Phatikcheri, and are used by Musulmans.

Ditto, ditto. These *hukkas* resemble those described above, differing slightly in workmanship. They are exhibited by the Local Committee of Chittagong, by which they were purchased. Price Re. 0-7-6, 0-6-6, and 0-6-6, respectively.

Hubble-bubbles (*hukka*), presented by Moulvi Fazl-ul Ali, Superintendent of the Chittagong Madrissa. The only peculiarity about this *hukka*, of which the price Re. 1-2, is that it is constructed for four persons to smoke at once.

Two smoking tubes (*nal-pakwam*), sent on loan by Babu Rup Lal Raghu Nath Das through the Local Committee of Dacca.

Wooden bowl for smoking (*nariyal*), a polished woodwork, sent on loan by Moulvi Taffazzul Husain Khan, of Behar.

Pipe, long (*satalk*), for smoking tobacco, made of iron-wire wrapped up in cloth, and embroidered with silk and lace work, purchased by ditto, at Rs. 8-8.

Ditto, short, purchased by ditto, at Re. 1-8.

Ditto of khas-khas (*Andropogon muricatum*), purchased by ditto, at Rs. 3.

Two hukka stems (*batta or gatta*), made of sisu wood (*Dalbergia sisu*), by Ramdhyan and Kanhya of Lalganj, who are noted for their manufacture. The stems are fixed on a cocoanut shell and used for smoking tobacco. There is a large demand for this article, chiefly among the lower classes, about 224,500 being sold within the district last year. Purchased by the Local Committee of Hajipur at 10 annas and 6 annas.

Hukka snake (*naicha*), presented by Babu Ganesh Prashad Sing, of Cuttack.

Class CVIII.—Spinning, Weaving, and Rope-making.

Weaving apparatus (*tanterbans*), presented by Mr. Burnell, of Udaliya, in the Chittagong district.

Class CIX.—Cotton-printing.

Six specimens of calico-printing, executed by Mángni Dás Chhipigar, the only printer at Hájipur. An engraved block is used. The colours are fast, red being that obtained from al (*Morinda citrifolia*) locally produced. The cloth is used for covering floors, and as wrapper by the poor in the cold weather. Purchased by the Local Committee of Hajipur at 6 and 8 annas.

(See also Class XXXVIII, *Cotton Fabrics.*)

Class CXXXII.—Spirits.

Spirit of ripe plantain (*kadali mad*), presented by the Baramba State (Cuttack).

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, & NATURAL HISTORY

Class CXLIV.—Ethnological Collection.

An ethnological collection, consisting of cloths, ornaments, musical instruments, arms, &c., of the Sántáls, contributed by Rájá Rán Bahádur Singh of Jámtárá; zemindar of Pabia; zemindar of Jánjuri; S. S. Jones, Esq., B.C.S.; Babu Táresh Chandra Pánde; Babu Dariá Lál Ghátwál and the Deputy Commissioner of the Sántál Parganás.

Class CXLVI.—Weapons and Implements of the Chase.

Bow (*kamta*) used for killing birds	...	...	...	Purchased by the Local Committee of the Chittagong district.
Spear (*ballam*) for pigs	...	...	...	
Do. (*shar*) for kids	...	...	...	
Do. (*konch*) for fish	...	...	...	
Trident (*tenta*) for fish	...	...	...	

A pair of hog-spears (*barcha*) made by Parshan Mistri of Monghyr and purchased by the Local Branch Committee.

Dagger (*chhora*) ditto ditto.

Satnala used to catch birds and fieshes, sent on loan by Babu Rup Lal Raghu Nath Das through the Local Committee of Dacca.

Three hunting-knives; 1 sent by Aperti Chaudhri and 2 by Babu Nand Kishor Das of Cuttack. Price Rs. 8-4 each.

CLASS CXLVII.—IMPLEMENTS CONNECTED WITH FISHERY.

Net (*jal*) made by Tufan Manji of Latifpur, in the district of Rangpur, and presented by Babu C. N. Ghosal, of Kanungotola. The net is made of *rankhura* or rhea fibre, and costs 8 annas.

Do. (*oki jal*) purchased for 6 rupees by Local Committee of the Chittagong district.

Fishing-trap. (*chai*) made of bamboo wicker and used for shallow water, presented by Mr. Burnell, of Udaliya, in the district of Chittagong.

Fishing-trap (*polo*) used in shallow water, the hand being thrust through the neck and the fishes caught. Purchased by the Local Committee of the Chittagong district for 12 annas.

Ditto *beng chai* & *beng-khan* } These are used in shallow running water; the fishes enter at the slits and cannot escape. The *beng chai* being open at both ends catches fish going up as well as down stream. These nets were purchased for 12 annas each by the Local Committee of the Chittagong district.

Harpoon, manufactured by Ghufa Mistri of Chapra, used for catching fish and tortoises, exhibited on loan by Babu Indra Kumar Singh, of Chapra.

A collection of fishing-lines made by Ráhá Mistri of Tápagram, sent by Lalá Ban Behári Kupia of Bardwan, through the Local Committee:—

Cotton fishing-lines, 800 cubits long, with hooks. Local price Rs. 8, for sale at Rs. 8-8.

Four	ditto	400	ditto.	Local price Rs. 16, for sale at Rs. 18.			
Four	tasar lines,	75 cubits each		Ditto	1-4	ditto	1-8.
Four	ditto	150	ditto	Ditto	3	ditto	3-4.
Four	ditto	70	ditto	Ditto	2-12	ditto	3.
Four	ditto	175	ditto	Ditto	3-12	ditto	4.
Four	ditto	175	ditto	Ditto	4-8	ditto	4-12.
Four	ditto	150	ditto	Ditto	5	ditto	5-4.
Four	ditto	200	ditto	Ditto	6	ditto	6-4.
Four	ditto	200	ditto	Ditto	12	ditto	12-8.
Four	ditto	275	ditto	Ditto	21	ditto	22-8.

A net for catching fish, made of rhea fibre by Rana Manji of Paháripur, near Jalpaiguri, purchased by the Deputy Commissioner of Julpaiguri at Rs. 12. The strength of the net is said to be increased by wetting it for a couple of hours and drying it once.

Model of *bihudi jal*, purchased by the Local Committee of Chittagong at Rs. 8. This net is used in tidal canals and small rivers. The ends are fastened to the shore with bamboos and ropes; the mouth is kept open by the two side bamboos made to stand erect. Fishes run into the long chamber, to the opposite side of which is affixed another circular net, into which *buka* and other fish-eating fishes are attracted by the fishes caught in the *bihudi*.

Dham jal, ditto at Rs. 2-8. The four corners of the net are attached to the thin ends of the four bamboos. The thick ends of these bamboos are fitted into the hollows of the two short bamboos tied crosswise with the handle or lever of the net. This net is drawn up by pulling the string attached to the furthest end of the lever with the load of fishes.

Four nets for fishing, purchased by the Local Committee of Mozaffarpur. Price Rs. 6-8 (2 are Rs. 3-8).

Fishing-rod and a bow, sent on loan by Mirza Muhammad Husain, of Purneah. These articles are made of selected bamboos when ripe. The selected bamboo is first taken from the bamboo clumps where it grows, and shape it by putting it in fire. When brought into proper shape, common oil is poured through it, and it is exposed to night dews, which give the article a reddish colour and make it strong.

CLASS CXLIX.—OTHER NATURAL HISTORY SPECIMENS.

A four-horned scalp of a wild animal found in the Tarái near the Chalsa Hill. It is unquestionably the head of a herbivorous quadruped, and is supposed to be the head of a species of wild goat or of wild sheep, or of a kind of deer, sent on loan by Babu Gobind Prashad Sukul, Deputy Magistrate, through the Deputy Commissioner of Julpaiguri.

Leaf insect from the Monghyr Museum, sent on loan by the Collector of that district.



BOMBAY ARTWARE COURT.

SECTION A.—FINE ARTS.

CLASS I.—PAINTINGS AND DRAWINGS.

SIX LARGE PICTURES.—Copies of wall paintings from cave 17, Ajanta, Khandesh. The copies are made by a staff of trained students of the School of Art, who reside at the caves. The copies as they are completed are sent to the India Museum, London.

CLASS V.—PHOTOGRAPHS.

PHOTOGRAPHIC ALBUM OF NAVÁNAGAR.—Lent by H. H. Jám Shri Vibháji Sáheb, K.C.S.I., Chief of Jámnagar.

CLASS VI.—WORKS OF ART NOT SPECIFIED.

FOUR PLASTER OF PARIS BUSTS.—Two are of the late and the present Diwáns (Ministers) of Bhávnagar, Azam Gaurishankar Udayshankar, C.S.I., and Azam Sámaldás Parmánandás. The other two are of two British officers (Civilians) of the Bombay Presidency, the Hon'ble Mr. Peile and Mr. Percival. The former was the Political Agent of Káthiáwár, and the latter the Joint-Administrator of the Bhávnagar State during the minority of His Highness the present Mahárájah Sáheb. Lent by His Highness the Mahárájá of Bhávnagar. Modelled by Válla Hira.

THREE LIFE-SIZE FIGURES OF GUJRÁTHIS MADE IN WOOD.—Maker, Lálla Mansuk. Lent by H. H. the Gaekwar of Baroda.

GANPATI.—Plaster of Paris and painted. Lent by Pránshankar Keshavrám, Baroda.

PLASTER OF PARIS MODEL OF DATTÁTRAYA.—Lent by the Baroda Committee.

POONA FIGURES.—These are so well known as to need no description. Those exhibited are distinguished for their truthful modelling and life-like representation of the people of the country. They differ from Lucknow figures, where the dresses are modelled and painted, in that the dresses are made up of actual pieces of cloth.

Bápuji Supekar Jingar and Kálurám Gavándi were the first to open shops in Poona, about forty years ago, for the sale of these figures, and they were succeeded by Tátiá Vevhári, Sitárám Joshi, Dáji Náráyan, Sakhárám Shet Sonár, Raghopant, and Mároti Gurav.

The figures are made up of clay, which is bought at 2 annas a head-load from the local Mahárs, with an admixture of chalk, which costs about 3 annas a *shér* of 80 *tolás*; shreds of country-made paper obtained for 2 to 3 annas a *shér*; ginned cotton at 5 to 6 annas a *shér*. The pigments used are orpiment (*hartál*), bought at 5 to 6 annas a *shér*; red ochre (*songeru*), at 1 to 1½ annas a *shér*; crude iodide of mercury imported from Europe (*hingul*), at 2 annas for a small packet; verdigris (*jangál*), purchased for its own weight in copper coin; and white lead. The *gomutra-pevdi*, or the bile of the cow, used as a yellow pigment, is bought locally for its own weight in copper coin, and the blue (*nil*), an English pigment resembling indigo, at the same rate, carmine, which is bought for its own weight in silver, and white lead. The mordants used in mixing the pigments are glue (*siras*) and isinglass. The cloth for the

dresses of the figures is obtained locally. The annual outturn is valued by the Poona Municipality at about Rs. 10,000, and the average monthly income of a clay figure-maker is said to range from Rs. 20 to Rs. 25.

The following are the samples purchased for the exhibition, at a cost of Rs. 63-8, the maker's name being Sakhárám Náráyan Sonár.—[27661.]

TWO MOLIVÁLAS.—Faggot-bearers.
TWO GOSÁVIS.—Ascetics.
BHISTI.—Water-bearer.
GAVLI.—Milkman.
TWO BHANDÁRIS.—Toddy-drawers.
CHÁMBHÁR.—Cobbler.
CHÁMBHÁRIN.—The wife of a cobbler.
BHIKÁRI.—Beggar.
VAIDU.—The Indian mountebank, who professes to cure every disease and to possess every Indian drug.
A GROUP OF BEGGARS.—Showing how they go from door to door singing songs and begging alms.
GÁRODI.—Juggler.
KHÁTIK.—Butcher.
SONÁR.—Goldsmith.
BHÁJIWÁLI.—Dealer in fresh vegetables.
CALICO-PRINTER.—

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASS IX.—SPECIMEN OF WORK DONE BY PUPILS IN SCHOOLS.

A complete collection of the works of the students in the Sir Jamsetji Jijibhái School of Art, Bombay, showing the course of instruction.

CLASS XIV.—MUSICAL INSTRUMENTS.

SUNDARI.—A stringed musical instrument resembling a lyre. Maker, Chhota Náráyan. Price Rs. 25. Lent by H. H. the Jám Sáheb of Jámnagar (Navánagar), Káthiáwár.

SITÁR.—A stringed instrument. Maker, Chhota Náráyan. Price Rs. 15. Lent by H. H. the Jám Sáheb of Navánagar, Káthiáwár.

BIN.—A stringed instrument, much esteemed by the natives, designed by Babu Kishori Mohan Bose. Maker, Karsan. Price Rs. 500. Lent by H. H. the Jám Sáheb of Jámnagar.

MUSICAL INSTRUMENT.—Used by the aborigines of Gujráth. Lent by H. H. the Mahárájá of Baroda.

TABLA AND BAHYA.—Two drums. Maker, Murár Jetha. Exhibited by the Central Committee of Baroda. Price Rs. 30.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS.

CLASS XXIII.—FURNITURE.

The use of furniture in native houses is of modern date, having been adopted from the Europeans. Demand for good furniture is solely created by the latter, and the bulk of the articles manufactured is for their use. The East India Art Manufacturing Company in Bombay, under the management of Mr. Wimbridge, the School of Industry at Ratnágiri, the establishment of Mr. de-Forest at Ahmedabad, are all actively employed in constructing

art furniture of superior design and finish, which has resulted in superseding the clumsily-fitted and badly-finished Bombay blackwood furniture. Specimens from these three establishments are exhibited in the Court.

It may be stated as regards the Ratnágiri School of Industry that it is now the property of the District Local Fund Committee of that district. It was originally started as a School of Industry by Mr. Arthur Crawford, C.S., in 1863. It then developed into a saw-mill company in the share mania of 1864-65, which collapsed and was wound up in 1872, and the whole concern was then bought up by the District Local Fund Committee. It is fitted with a 20-horse power steam engine, vertical, circular, bent and fret saws, turning, morticing, and planing machines, and in fact all the tools of a large workshop. From 80 to 100 lads of all ages and castes are there taught free, in reading, and writing, arithmetic, drawing, and mensuration. All are passed through the workshop under the head carpenters or *mistries* in charge of the different machines, and the last class is expected to know the steam-engine, to draw to scale, to make plans, working drawings, and estimates. The workshop establishment is separate. The whole is superintended by an European mechanical engineer. The school turned out over Rs. 50,000 worth of furniture last year, besides an immense amount of woodwork for the Public Works Department, and the establishment rather more than paid its way, school included. The speciality of the school is art furniture, in which, while the best skeletons of Chippendale and Adams are preserved, all inlaying and ornamentation are strictly oriental, the drawings being made by the students. Furniture is supplied to all parts of India and Europe.

Of pure native furniture is a bed (*charpoy*), a four-legged stool (*bajoth*), and a child's cradle (*párnu*), all of painted lacquered work. These are contributed by the Gondal State in Káthiáwar.

Some of the articles which claim to be included under this head are placed in Class 31, Carving and Artware, as more appropriately belonging to it.

BRIC-A-BRAC CABINET.—Made for His Highness the Thakur Saheb of Bhávnagar by the East India Art Manufacturing Company, Bombay. Lent by Mr. E. Wimbridge.

DRAWING-ROOM CABINET.—Makers, East India Art Manufacturing Company, Bombay. Price Rs. 425. *For sale.*

DRAWING-ROOM CABINET.—Makers, East India Art Manufacturing Company, Bombay. Price Rs. 200. *For sale.*

From Ratnagiri School of Industry.

CABINET—(inlaid).—Price Rs. 300. *For sale.*
EARLY ENGLISH—(Adam's style) INLAID SIDEBOARD. Price Rs. 450. *For sale.*
OBLONG CHIPPENDALE INLAID TABLE. Price Rs. 50. *For sale.*
OBLONG CHIPPENDALE INLAID TABLE. Price Rs. 60. *For sale.*
OBLONG CHIPPENDALE INLAID TABLE. Price Rs. 50. *For sale.*
COZEY TABLE (inlaid). Price Rs. 35. *For sale.*
COZEY TABLE (inlaid). Price Rs. 35. *For sale.*
OVER-MANTEL (Adam's style) inlaid. Price Rs. 125. *For sale.*
OVER-MANTEL (Adam's style) inlaid. Price Rs. 125. *For sale.*
PÁLNA.—A cradle. Maker, Dungarsi Devaji. Lent by the Gondal Darbar.
PALANG.—A bedstead. Maker, Dungarsi Devaji. Lent by the Gondal State, Káthiáwár.
A CHAIR.—Maker, Háji Mahamed. Lent by the Gondal State, Káthiáwár.
BAJOTH.—Two cots. Maker, Háji Mahamed. Lent by the Gondal Darbár, Káthiáwár.
A BOX.—Containing secret drawers. Maker, Virji Ladha. Lent by the Gondal Darbar, Káthiáwár.
DHOLIO.—A cot. Maker, Dongarsi Devaji, of Dhéraj. Lent by the Gondal Darbár, Káthiáwár.

KAPAT.—Lacquered Cabinet. Maker, Krishna Sutár and Gopál Chitari, of Sávantvádi. Price Rs. 45. Purchased.

The cabinet is shaped so as to fit into the corner of a room, painted in panels and medallions with groups of Hindu deities and equestrian figures, the former on a black and the latter on a red ground, the panels being divided by painted borders representing flowers. The side pillars and miniature railing at the top and the centre are of turned lacquered wood.

KHURCHI.—A chair. Maker, Mistri Keshav Lavji. Lent by His Highness the Mahárájá of Baroda.

CLASS XXIV.—GLASSWARE.

Very little glass is produced in the Presidency, and that principally is manufactured at Kapadvanj, in the Kaira district, and is remarkable for its iridescent properties and good colour, resembling old Venetian.

The shapes, too, of the little vessels and cups, a large collection of which is exhibited, are very quaint and beautiful.

At Kapadvanj the workers (*shishaza*) are all Musalmáns, numbering about 70, who have been following this craft for several generations. Most of them are poor, and consequently have to borrow money for the purpose of carrying on their work. The materials for making glass are—*us*, an alkaline earth obtained locally, impure carbonate of soda (*sájikhár*), and a variety of dark flinty sand from Jeypur.

The glass is made in large earthen furnaces in form like huge slipper baths, the floor sloping forwards to holes prepared to receive the melted glass. The materials are mixed together in certain proportions placed in the furnaces, and when raised to a white heat the molten mass is run into a trench, where it remains till it is cool; it is then broken up into small pieces, re-melted, and shaped into bangles and small vessels, which are mostly used as toys.

Mr. Spry, the present Collector of Kaira, is endeavouring to develop the industry at Kapadvanj.

Glass bangles are made at Shivápur, 16 miles to the south of Poona, on the Mahábleshwar-Satára road. There are four establishments of Lingáyat Kácháris, employing about twenty-five to thirty men. Broken bangles are bought from the Márvádi *Phutáne válás*, or hawkers of parched grain, who collect broken bangles in exchange for grain. The local kánsárs, or dealers in glass bangles, also sell for an anna a pound the broken pieces they collect while fitting bangles on women's wrists. The Shivápur workers in bangles borrow the small capital they require from the Poona money-lenders at Re. 1 to Rs. 2 per cent. per mensem. They generally sell the bangles on their own account, and are also employed by the *kánsárs*, or dealers in bangles, who supply them with broken bangles for the purpose of re-making them into new, for which they are paid 1½ to 2 annas per pound. Glass was formerly obtained from Gutur, in the Nizám's territory; but owing to a sufficient supply of broken bangles being obtainable in the local market, the supply from this sources has ceased. Shivápur bangles fetch about Rs. 5 per maund of sixteen *shérs*, each eighty *tolás* in weight. A workman can make from two to two-and-a-half *shérs* of bangles in a day, for which he is paid 6 to 7½ annas.

Glass bangles are manufactured at Chinchni near Tárápur, in the Máhim *táluka* of the Thana Collectorate, by Samshudin Alibhái, and nearly thirty to forty other persons, who are Musalmáns by caste, residing in the same place and speaking the Musalmáni and Maráthi languages; very few of them can read and write. They have been residents of Chinchni for a long time. The art of manufacturing a better variety of the bangles was first introduced some fifteen or twenty years ago by Alibhái Golammohidin, whose son Samshudin Alibhái has made the collection received. The value of a dozen bangles is from annas 4 to annas 6 and 7 on the spot, and more than annas 12 per dozen in Bombay. According to what has been ascerted, each worker earns about Rs. 100 a year. Bangles are chiefly purchased by merchants in Bombay.

The set exhibited by the Huzur Deputy Collector of Thana through Mr. Mackenzie is made by melting, in a common furnace, broken globe lamps, broken China glass bangles, and the native-made glass of Kapadvanj in the Kaira Collectorate.

COLLECTION OF KAPADVANJ GLASS.—Presented by A. H. Spry, Esq.

COLLECTION OF GLASSWARE FROM KAPADWANI, KAIRA.—Presented by Rao Bahádur Chunilál Venilál, District Deputy Collector, Broach.

BANGLES, RINGS, AND PENHOLDERS.—Exhibited by the Huzur Deputy Collector Thana. Maker, Samshudin Alibhái of Chinchni. *For sale.*

CLASS XXV.—POTTERY.

The pottery in the collection is mostly soft glazed ware. Glazed pottery is still made at Halla and Tatta in Sind, although nothing to the extent it was formerly, when glazed tiles of lovely colour and design were extensively produced for the incrustation of the mosques and tombs, especially those of Tatta, which are now in ruins. In the collection from Sind are some very beautiful specimens, good in design and effective in coloring, from a light golden yellow to a dark rich brown. The large vases and plaques are from Halla, which show that the potters are capable of turning out pieces of extraordinary size. From the pottery works in Bombay, which are no longer connected with the School of Art, but are still carried on under the management of Mr. Terry, a large collection is exhibited, wherein the forms and colouring are more numerous and varied than in that of the Sind ware. The adaptation of some of the ornamental decoration from the Ajanta Caves to the ware is most effective. A few pieces in imitation of Sindware are sent from Bhávnagar. The black varnished pottery, similar to that made at Azimgarh, with painted silver and gilt ornament, is from Pattan, in the Gaekwar's territory. Though rough in character, it is very effective for decorative purposes.

COLLECTION OF POTTERY FROM HALLA, SIND. *Not for sale.*

COLLECTION OF POTTERY FROM THE ART POTTERY WORKS, BOMBAY.

FOUR SPECIMENS OF POTTERY FROM PATTAN, BARODA STATE—Presented by Rao Bahadar Chunilál Venelál.

COLLECTION OF POTTERY.—Lent by H. H. the Thákur Sáheb of Bhávnagar.

COLLECTION OF POTTERY FROM PATTAN, BARODA STATE.—Maker, Bhukan Kalyan. *For sale.*

COLLECTION OF STONE UTENSILS.—Lent by the Dhrangdhra Darbar, Káthiáwár.

KUNDI, DAVÁNI.—Round mortar. The stone of which the article is made is obtainable from the bed of the Machha river, which flows past Morvi. The articles are not procurable in market, but are made to order. Price Rs. 8. Lent by the Morvi State, in Káthiáwár. Maker, Jetha Meghji.

KHABEL NE DASTO (6).—Oval mortar and pestle, carved (small). Maker, Jetha Meghji.

MARBLE BOX.—Exhibited by the Katch Council of Administration. Price Rs. 50. *For sale.*

MARBLE FRAME FOR LOOKING GLASS.—Exhibited by the Katch Council of Administration. Price Rs. 35-9-1. *For sale.*

FLOWER VASE.—Exhibited by the Katch Council of Administration. Price Rs. 114-0 4. *For sale.*

TWO MARBLE CUPS WITH SILVER WORK.—Exhibited by the Katch Council of Administration. Price Rs. 25 and 5 respectively. *For sale.*

ADALI.—Round dish carved inside and outside. Price Rs. 40. Maker, Jetha Meghji.

COLLECTION OF CARVED MARBLE WORK.—Lent by the Gondal Darbár.

WÁTKO.—Bowl, carved. Price Rs. 10. Maker, Jetha Meghji.

TRAN PUTLIO.—Three Graces. Price. Rs. 30. Maker, Jetha Meghji.

SHIKÁRNI PACHHAL LAGELA KUTRÁO.—Dogs in search of game. Price Rs. 30. Maker, Jetha Meghji.

MARBLE INKSTAND.—Exhibited by the Katch Council of Administration. Price Rs. 8. *For sale.*

A BÁJOTH.—Maker, Jadhav Govind. Lent by the Gondal Darbár, Káthiáwár.

COLLECTION OF STONE UTENSILS.—Lent by His Highness the Jám Sáheb, of Jámnagar, Káthiáwár.

CAMBAY STONES.

There are about 100 merchants at Cambay who deal in agates, and about 2,500 to 3,000 artisans are employed. The stones are obtained from Ratanpore Hill, in Nandore subdivision, Morvi in Káthiáwár, and Kapadvanj in Kaira, at Rs. 3 to Rs. 50 a seer, according to the size and quality. A maund gives 3 to 5 seers of the dressed stone. The artisans, who are Kanabis, are paid according to the workmanship of each sample, and their income averages from Rs. 7 to Rs. 60 a month. Much of the ware is sent to China, Jeddo, and Bombay. The annual outturn ranges from two to three lakhs of rupees. The Cambay Darbár imposes 5 per cent. export duty on the articles.

FIVE KAGAZ TARESH.—Paper-cutters. One of green moss stone, two of red stone, one of stone imported from Europe, and one white agate. Maker, Kálidás Ishwardás. Price Rs. 25 for the set. *Not for sale.*

2 SETS OF PIECES FOR JEWELRY-BOXES.—*Two of moss stone, four of yellow (jarad) stone, four of bloodstone, one of pinkish colour, and one red.* Makers, Kálidás Ishwardás and Kandás Jibhai. Price for the set Rs. 173. *Not for sale.*

KARU.—Armlet, made of bloodstone. Maker, Kálidás Ishwardás. Price Rs. 10. *Not for sale.*

THREE KAGAZ TARESH.—Paper-cutters of moss stone. Maker, Kándás Jibhái. Price Rs. 7-8. *Not for sale.*

In addition to those purchased for the Exhibition, a large collection of articles made by Kándás Jibhái and Becharlál Motilál from Cambay is exhibited. *For sale.*

CLASS XXVI.—METALWARE, HARDWARE AND CUTLERY.

COPPER AND BRASSWARE.

Násik and Poona are known for their copper and brasswares, which are much used by the Hindus. The Násik vessels are preferred to those of Poona owing to their superior finish. Násik being a place of pilgrimage, many Hindus visit it for religious purposes, and when they return to their homes they generally take with them a number of copper and brass pots as presents to relatives and friends. At the thread and marriage ceremonies among Hindus of higher classes, a set of copper, brass, or silver drinking pots and cups are given to the boy who is to wear the sacred thread, or to the bridegroom. A great demand is thus created annually, and the industry is well supported. Poona brass and copper-workers, of whom there are 3,000 to 4,000 in that city, have of late commenced imitating Násik work to a small extent. Rough pots used for culinary purposes

and brass figures are largely made at Poona, the annual outturn amounting to about twenty-five *lakhs* of rupees. At Amod, in Kaira, there are about twenty-five to thirty workers in brass, whose outturn amounts to about two thousand rupees a year. At Shikárpur and Lárkhána, in Sind, a large trade amounting to Rs. 1,29,350 a year is carried on, the workers being Mahomedans and Hindus. As copper and brass vessels are in general use among the natives, workers in these metals are found in most of the larger towns of the presidency. The dealers at Násik and Poona are generally Maratha or Deccan Kásárs by caste. Besides the dealers, there are three sets of workmen who earn their livelihood as workers in brass and copper—(1) Támbats, makers of large articles, (2) Kalaikars, makers of small articles; and (3) Charkávalás, workers on the lathe or polishers.

Násik Támbats came from Ojhár, about twelve miles north of Násik, to which town they are said to have come three or four hundred years ago from Chámpáner, the ruined capital of the Panch Maháls. It is curious to note that the males have changed their dress, wearing a Dekkan turban and jacket instead of those worn by their castemen at Ahmedábád, Baroda, Surat, and Bombay. Their women have, however, kept their own Gujaráthi *sádis*. They worship the goddess Káli, for whom they have erected a temple in the Támbat Ali, near Malhár Gate, and by general subscription have bought for the goddess, at a cost of Rs. 500, an octahedral *devhára* or canopy of carved wood elaborately decorated with panels of pierced tracery. In the principal hall of the temple are paintings on the walls representing some of the scenes of the Mahábhárat and Rámáyan. Násik Támbats live in one-storied houses, and are thrifty, hard-working, sober, and skilful. Among them there is the peculiar custom of holding marriages once in every four or five years only. On these occasions all the girls between five and eleven are mated. During the performance of the marriage ceremonies, which last for two or three weeks, they close all their shops and stop all work. The origin of this system cannot be traced, but it has the advantage of minimising interference with their work, as well as feasting charges.

There is no trade guild, but at Násik the caste influence is very great. In marriages the bridegrooms have each of them to pay a caste fee of Rs. 6 or Rs. 6-4 (if the bride is a widow) towards a fund for charitable and religious purposes. At Násik there are five families of Konkani Támbats, who belong to Cheul and Revdanda in the Kolába district. Unlike the Gujaráthis the Konkani Támbats use animal food, and drink liquor. The six workshops of the Musalmán Támbats, which are situated near the Trimbak gate at Násik, form a peculiar feature among the row of Hindu shops. The Moslem Támbats came from Chándvad, where a settlement was patronised by Malhárráv Holkar, in the middle of the last century, when he opened a mint in that town (about 1755). From 1819, in which year the mint was closed, the Támbats of Chándvad took to working in copper and brass, for which there was a considerable demand so long as the Bombay-Agra road remained the highway of trade. Since, however, the introduction of the railway, the Agra road has fallen into disuse, the demand for Chándor brass and copper work has ceased, and the Támbats that have remained in the town are badly off, with only a local demand for their wares. The Chándor Musalmán Támbats are said to be converted Gujaráthis from Nagar in Márwád. They use vegetable as well as animal food, and, like their Gujaráth fellow-workers, live in one-storied houses.

Poona workers in brass and copper pots are mostly Konkan Kásárs, Panchál, and Maráthás, while those of Amod have a tradition of having come down to that town from Chámpáner like their Násik brethren. The Pálanpur workers in copper and brass are mostly the natives of Messana in the Baroda territory, from which place they migrated about 200 years ago.

At Poona most of the copper and brass-workers live in Shukravár Peth. All the copper or brass used in the presidency for the larger articles which are shaped on anvils comes from Europe in sheets of three varieties of thickness—thick, medium, and thin—and about four feet square. They are bought at Bombay near Páydhuni by Kásárs and other dealers, and are sold or given to be

worked by Támbats. The sheets differ little in price, copper costing Rs. 44 to Rs. 45, and brass Rs. 34 to Rs. 35 a hundredweight, with two rupees extra,—one for brokerage and the other for carriage.

The sheet of brass or copper is handed over to the workman, who lays it on the floor and on it he traces with a compass the shape of the article to be made, and cuts it out with scissors or a chisel. The metal is then softened in the fire and hammered, first on a hollow stone anvil, and as it assumes a hemispherical shape it is hammered on a bent iron bar-anvil, and again softened and hammered three or four times till it is beaten into shape. Each vessel is generally made of two pieces, a lower and an upper, separately beaten into shape and soldered with brass, borax (*savági*) and chloride of ammonium (*navaságar*). The men work in bands of five or six, dividing the labour between them, some marking the rough shape, some shaping the neck, others forming the lower portion of the vessel, and the rest giving the whole a rough polish. The polishing given to cooking utensils is rough scrubbing, with a mixture of powdered charcoal and tamarind pulp, followed by hammering with a small hammer till the whole surface is covered with little facets.

Another set of workers in brass at Násik and Poona are the Kalaikars, tinners, who are Panchál by caste. They speak Maráthi, and call themselves "*A'rya Somávanshi Kshatris.*" They are believed to be the original followers of Budh, and have, owing to the persecution of the Bráhmins, professed Hinduism. The Násik Kaliakars are said to have come from Bedar. Their proper craft of tinning copper and brass pots has of late failed them. They owed their position as specialists to the belief that the heating of chloride of ammonium (*navaságar*) brought on a household the wrath of the gods; but this feeling has to a great extent passed away, and as tinning is a very simple process, the need of a special class of workmen has ceased. Kalaikars differ from Támbats by *casting* pots as well as beating them into shape, and by making small instead of large articles.

Specimens made by Gyánu, who is a Kalaikar, represent those usually cast or beaten into shape by the Kalaikars.

The lathe-workers of Násik belong to different castes. Five of them are (1883) Kalaikars, four Thatere Pardeshis, two Maráthás, one Shimpi, and one Koli—making thirteen in all. As they have to polish pots for Támbats as well as the Kalaikars, they have pretty constant work and are fairly well-to-do They generally make no pots and are the hired servants of the Kásárs or dealers. The Thatere Pardeshis, who have their head-quarters at Ráipur, Nágpur, and Benares, say that they have been settled for centuries at Násik, and that their forefathers were warriors. Only one of them has opened an establishment like those of the Kalaikars. The Maráthá and Shimpi lathe-workers have been settled in Násik for a few years only. The Koli says he is of the same caste with the Kolis of Sarvatirth, Takit, and Belgáv, in Násik, and that his forefathers have been settled as polishers in Násik for eight or nine generations.

The process of polishing on the lathe is simple. The vessel is fixed to the lathe with resin wax, and the wheel is turned by a labourer; the polisher sitting close to the vessel, presses against it a sharp-pointed tool, called *ránáha*, which he rests on a small iron guide bar, and which, as the pot whirls round, scrapes its outer surface. Except one man, who has a coppersmith's shop, the polishers are all skilled labourers without any capital, each earning on an average from Rs. 8 to Rs. 15 a month. One Kalaikar at Násik, named Gyánu, who casts pots, has imported an English lathe, his work is truer and far superior as regards finish than that produced on the native lathe, and his articles consequently command a better sale and fetch higher prices. At Poona there are half a dozen English lathes at work.

From Nasik.

GADVA, *Mar.*; LOTA, *Guj.*, *Hind.*—Used for holding water for washing the feet, washing the mouth; for religious performances; performing ablutions

(*sandhya*); and also for drinking. Local price Rs. 2-5-6. Purchased. Maker, Gangárám Dullabh.

TAMBIA, *Wályácha-támbya, Mar.*—So called from its having a circular fillet at top and bottom. Used for the same purposes as the above. Price Rs. 2-4. Purchased. Maker, Gangárám Dullabh.

TAMBIA, *Gangá-jamni.*—Made in two sections, one of brass and the other of copper, which are soldered together, and named *gangá-jamni* from its having been compared to the confluence of the Ganges with the Jamna at Alláhábád, where the whitish water of the former runs side by side with the dark coloured water of the latter, producing—before they intermingle—a phenomenon much admired and revered by the natives. Price Rs. 2-15-6. Purchased. Maker, Gangárám Dullabh.

TUMBI, *Mar., Hind.*—Used for the same purposes as above. Price Rs. 2-4. Purchased. Maker, Bábáji Káshirám.

KALASI, *Mar.*—Used for the same purposes as above. Price Re. 1-9-3. Purchased. Maker, Gangárám Dullabh.

KALASI, *Gangá jamni.*—Or copper and brass soldered together. Price Rs. 2. Purchased. Maker, Gangárám Dullabh.

SURAI, *Mar.* SURÁHI *Hind.*—Price Rs. 2-14-3. Purchased. Maker, Bábáji Káshirám.

HANDA, *Mar.*—Price Rs. 2-11-9. Purchased. Maker Gangárám Dullabh.

LOTI, *Mar.*—Price Rs. 2-3. Purchased. Maker, Rávaji Báburáv.

TAMBIA, *Mar.*—This shape is very nearly the same as that of No. 104, which is sometimes called *Walyácha támbyá* when a distinction is to be drawn between the two. This shape is now obsolete, and made only to order. Price Rs. 3. Purchased. Maker, Sitárám Govind.

KAMANDALU, *Mar.*—Used by *sanyásis* (ascetics) as a drinking-vessel. The shape is nearly obsolete. Made only to order. Price Rs. 3. Purchased. Maker, Sitárám Govind.

PÁRSI TUMBI.—Named from being used by the Pársis only. Not found made for sale, but always obtainable by order. Use as above. Price Re. 1-8. Purchased. Maker, Sitárám Govind.

JAGANNÁTH.—Named after the ascetics of Jagannáth who introduced the shape on the western side of India. Used as a drinking-vessel by the Gosávis only. Made to order. Price Rs. 3. Purchased. Maker, Gyánu.

MANAKARNIKA.—A name given to a drinking-pot. Price Re. 1-8. Purchased Maker, Sitárám Govind.

TUMBI, *Mar.*—Used as a drinking-vessel. Generally preferred by the ascetics. Price Re. 1-2. Purchased. Maker, *Bábáji Káshirám.*

VÁNIA Tumbi, *Mar.*—So named from being used by the Banias (Vánias) or the traders, as a drinking-vessel. Price As. 14. Purchased. Maker, Bábáji Káshiram.

APKORA, *Mar.*—It is a diminutive form of No. 104 and No. 105. Price As. 14. Purchased. Maker, Gangárám Dullabh.

JHÁRI, *Mar.*—Used for drinking purposes. Price Re. 1. Purchased. Maker, Bábáji Kásbirám.

PHULPÁTRA, *Mar.*—Named from its resemblance to the corolla of a flower (*phul*). Used as a drinking-cup. Price Re. 1-8. Purchased. Maker, Gyánu.

RÁMPÁTRA, *Mar.*—Named after Rám, the deified King of Oudh. Price As. 9. Purchased. Maker, Gangáram Dullabh.

MUMBAI PÁTRA, *Mar.*—Named from its being introduced from Bombay (Mumbái). Price As. 10. Purchased. Maker, Gangáram Dullabh.

JÁMB, *Mar.*—Price As. 12. Purchased Maker, Gangáram Dullabh.

PYÁLA, *Mar.*—This soldered variety is called *gangá-jamni.* This cup has a cover called *tabakdi*, cost As. 4. Price Re. 1-6. Purchased. Maker, Bábáj. Káshirám.

PANCH PÁTRI, *Mar.*—Used as a drinking-cup. Price As. 12. Purchasedi Maker, Thákur Rámji.

BATLAI, *Mar.*—Used for storing milk. Made only to order. The shape was introduced from the north. Price Re. 1-10-3. Purchased. Maker, Gangáram Dullabh.

KÁSÁNDI, *Mar.*—Used as above. Price Re. 1-12. Purchased. Maker, Gangárám Dullabh.

KÁSÁNDI, *Mar.*—Used as above. Price Rs. 2-0-6. Purchased. Maker, Rávji Báburáv.

TOP, *Mar.*—Used as above. Price As. 14. Purchased. Maker, Tukárám Rámchandra.

BAHU-GUNI, *Mar.*—Used as a cup for drinking milk. Price As. 14. Purchased Maker, Tukárám Rámchandra.

TÁT, *Mar.*—Used as a dining dish. Price Re. 1-12. Purchased. Maker, Tukárám Rámchandra.

VÁTI, *Mar.*—Used as a dinner-cup in which the curry-stuff is served. Price As. 8. Purchased Maker, Tukárám Rámchandra.

CHAUPHULA, *Mar.*—Used for keeping cardamoms, cloves, mace, nutmeg, catechu pills, and other ingredients of *pán-supári.* Price Rs. 4. Purchased. Maker, Gangárám Dullabh.

PÁN-SUPARICHÁ DABÁ.—For *pán-supári.* Price Rs. 5. Purchased. Maker Gangárám Dullabh.

PÁN-SUPARICHÁ DABÁ.—Price Rs. 4-4. Purchased. Maker, Bábáji Káshirám.

DABÁ BADÁMI, *Mar.*—For *pán-supári.* Price Rs. 3-7. Purchased. Maker, Tákur Rámji.

PÁN-PUD, *Mar.*—Used for keeping betel-leaves (*pán*). Price As. 14. Purchased. Maker, Bábáji Káshirám.

DABI (*a pair*).—One for keeping slaked lime and the other for catechu. Price As 8. Purchased. Maker, Gyánu.

PIKDÁNI.—A spittoon. Price Re. 1-4. Purchased. Maker, Bábáji Káshirám.

PIKDÁNI.—A spittoon (another shape). Price As. 13-6. Purchased. Maker, Bábáji Káshirám.

KHAL-BATTÁ, *mortar and pestle.*—Used for pounding *pán-supári* when required for the aged who have lost their teeth. Price Rs. 2-11-6. Purchased. Maker, Gangárám Dullabh.

KALAMDÁN, *Pen-box.*—Contains two ink bottles, one for red and the other for black ink, one bottle for gum arabic, one for sand, a compartment for pens, and a lower compartment for paper, &c. Price Rs. 2. Purchased. Maker, Gangárám Dullabh.

DAUT, *Mar. Ink-box.*—Used in the vernacular branches of Government offices. Contains bottles (brass) for black and red ink, gum and sand. Price Rs. 4-8. Purchased. Maker, Bábáji Káshirám.

SAMAI, *Mar.*—An open lamp. Price Rs. 2-0-3. Purchased. Maker, Bábáji Káshirám.

SAMAI, *Mar.*—An open lamp (another pattern). Price Rs. 2-9-6. Purchased. Maker, Bábáji Káshirám.

KARANDA (KUNKVÁCHA), *Mar.*—Box for keeping red powder which is applied by native women—both married and unmarried, not widows—to their foreheads. It has two compartments; in the lower is placed the red powder, made by mixing turmeric (*halad*), carbonate of soda (*pápadkhár*), and lemon juice, in certain proportions; and in the upper is fixed a mirror to the lower lid, and a small box to the upper lid for keeping bee's-wax, with which the red powder is made to adhere to the forehead. Price Rs. 2-4. Purchased. Maker, Gyánu.

KARANDA (KUNKVÁCHA), *Mar.*—Another pattern of the above. Price Re. 1. Purchased. Maker, Gangárám Dullabh.

SORYA, *Mar.*—Used in making *shevai*, an article of food resembling maccaroni. Price Re. 1-14. Purchased. Maker, Bábáji Káshirám.

DABI (ARGAJÁCHI), *Mar.*—These are air-tight boxes in which perfumed pastes (*argajás*) are kept. When required, a small quantity is taken out with the index finger and applied to the back of the hand. Price Rs. 2 for the pair. Purchased. Maker, Gyánu.

SHENAVI PÁTRA, *Mar.*—Drinking-cup. A new shape introduced by the Shenvis or Gaud Bráhmins and named after them. Price As. 7. Purchased. Maker, Gangárám Dullabh.

CHAUKI, *Mar.*—A brass stool used in worship. Price Rs. 4. Purchased. Maker Bábáji Káshirám.

KAMAL, *Mar.*—A stand for idols, named from its resemblance to an open lotus flower, which it is meant to represent. Price Re. 1-4. Purchased. Maker, Gangárám Dullabh.

KAMAL, *Mar.*—Used in worshipping idols. Is fixed to a Garud, or the half-man half-bird charger of Vishnu, the Protector of the Hindu Trinity. Price Rs. 4. Purchased. Maker, Dámu Anyá Párakh.

KAMAL, *Mar.*—A stand for idols fixed on a rat, the animal which carries Ganesh the God of Knowledge. Price Rs. 4. Purchased. Maker, Dámu Anyá Párakh.

KAMAL, *Mar.*—A stand for idols fixed on an antelope. Price Rs. 4. Purchased, Maker, Dámu Anyá Párakh.

KAMAL, *Mar.*—A stand for idols fixed on a bull, which is the vehicle of Shiva, the Destroyer, of the Hindu Trinity. Price Rs. 4. Purchased. Maker, Dámu Anyá Párakh.

KAMAL, *Mar.*—A stand used for idols. Purchased. Maker, Gyánu.

DHOLHARA, *Mar.*—Contains the *Shiva ranchá yatan* in the cradle-shaped swing, which is worshipped by all Hindu married women, during the whole of the month of Chaitra, being the first of the twelve months of the Shálivábán era. On a day in that month the female members of the family invite the women, particularly caste women to their homes, when sandalwood paste is applied to the arms of each of the visitors, the yellow and red turmeric powders to their cheeks and foreheads, a few flowers are inserted in the hair, and a handful of germinating gram is put into the folds of the *sári*, and finally cocoanut mixed with sugar, sweatmeats, and fruits are given to each visitor. In this way a general gala day is kept among women for one month, each household inviting all the others in succession. The *dolhára* is decorated on the *kaladkunku* or gala day by heaping on and round it all the jewelry that a family can spare or borrow. In front is arranged, on small shelves the curios they possess, and suspended along three sides of the altar are the best fabrics belonging to the household, the choicest collection of lamps are placed round and lighted, and a carpet is spread on the floor in front for the visitors to squat on. Price Rs. 6. Purchased. Maker, Gangárám Dullabh.

ABHISHEKH-PÁTRA, *Mar.*—It is suspended on the stand provided for it. Below it is a cup-shaped pot, on which is a plate. In the plate is placed the idol to be washed. Water is poured into the *pátra*, from which it dribbles through the small hole in the end of the pointed bottom. *Mantrás* are recited, and at intervals is poured the *panchámrit*, consisting of cow's milk, curd, ghee, urine, and dung. Price Rs. 10 for the set. Purchased.

ABHISHEKH-PATRA, *Mar.*—Uses, the same as above. Price Rs. 2-4-0. Purchased. Maker, Rávji Báburáv.

TÁMHÁN, *Mar.*—Used for washing idols. Price Rs. 3. Purchased. Maker, Gyánu.

Another pattern. Price Rs. 3. Purchased.

TÁMHÁN, *Mar.*—Uses, the same as above. Price As. 10. Purchased. Maker, Bábáji Káshirám.

SAMAI (*pair*), *Mar.*—Open lamps placed one on either side of the stands for holding the idols. Price for the pair Rs. 3-13-3. Purchased. Maker, Bábáji Káshirám.

NIRÁNJAN (*pair*).—Used for burning ghee before the idols. Price Rs. 10 for the set.

Another variety of the above. Uses, the same as above, Price Rs. 10 for the set marked with asterisks. Purchased.

PYÁLE (*pair*).—A pair of cups with plates, one for keeping the sugar which is offered at the end of the *puja* (worship), and another for keeping the *panchá mrit* (five nectars), or the five products of the cow, with which the idols are washed before they are bathed with plain water. Price Rs. 10 for the set. Purchased. Maker, Gyánu.

UDABATTICHE GHAR (*pair*).—A pair of stands for holding the perfumed incense sticks (*udabatti*), which are kept burning before the idols. Price Rs. 10 for the set. Purchased. Maker, Gyánu.

GHANTA, *Mar.*—A bell rung at the end of worship. Price Rs. 10 for the set. Purchased. Maker, Gyánu.

ARGHYA, *Mar.*—An ablution cup, from which the sacred water is poured in making the offerings. Price Rs. 10 for the set. Purchased. Maker, Gyánu.

HALAKÁRTI, *Mar.*—A pair of incense-burners, on which a few grains of rice are placed. Over the rice is placed a piece of camphor and ignited. Price Rs. 10 for the set. Purchased. Maker, Gyánu.

ADNI-SHANKHÁCHI, *Mar.*—A tortoise-shaped stand for the conch (*shankh*) shell worshipped prior to commencing worshipping the gods. Price Rs. 10 for the set. Purchased. Maker, Gyánu.

KACHOLE, *Mar.*—Price Rs. 10 for the set. Purchased. Maker, Gyánu.

PYALA WITH TABAKDI, *Mar.*—A cup and plate for washing idols. Price Rs. 10 for the set. Purchased. Maker, Gyánu.

SÁLONKHA, *Mar.*—The stand, representing the *yoni* in which the *ling* is placed and worshipped as symbols of Shiva and Párvati. Price Re. 1-8. Purchased. Maker Gyánu.

SAMPUSHTA, *Mar.*—A box in three pieces for keeping the idols for the night after the evening worship. Is also used as a convenient case for idols when the owner is travelling. Price Re. 1. Purchased. Maker, Tukáram Rámji.

SANDHECHI PALI.—The ablution spoon used during the performance of *sandhya* and other religious rights. Price As. 10. Purchased. Maker, Tukáram Rámji.

Another shape. Price As. 12. Purchased. Maker, Gyánu.

GANGÁJALI, *Mar.*—It is the vessel in which the sacred water of the Ganges (after which it is named) is kept and worshipped along with the idols. The small head forming the stopper is symbolic of the Ganges. Price As. 12. Purchased. Maker, Gyánu.

DABI KÁPRÁCHI, *Mar.*—A box for keeping camphor which is burnt before the idols. Price Re. 1-8. Purchased. Maker, Gyánu.

DABI, HALAD KUNKWÁCHI, *Mar.* Boxes, one for the yellow and the other for the red turmeric powders. These powders are sprinkled over the idols during worship. Price for the pair Re. 1. Purchased. Maker, Gyánu.

DABI SÁKHARECHI, *Mar.*—A box in which the sugar required for the ceremony at the end of the worship is kept. Price As. 8. Purchased. Maker, Bábáji Káshirám.

PANCHÁRTI, *Mar.*—A lamp in which clarified butter is burnt before the idols. Price Rs. 1-0-3. Purchased. Maker, Gangárám Dullabh.

PUJÁPÁTRA.—Used for carrying to the temple flowers, sandalwood-paste, and other ingredients used during worship. Price Re. 1-11-6. Purchased. Maker, Thákur Rámji.

TULASI VRINDÁVAN, *Mar.*—A flower-pot for nurturing the sacred *tulsi, Ocymum sanctum* plant. Price Rs. 2-2. Purchased. Maker Bábáji Káshiram.

PÁVKÁ, *Mar.*—It is a Gujráth shape, and is used by the Gujráthis as a support to the thigh while taking meals in a squatting position. Price Rs. 2-8. Purchased.

SAMAI, *Mar.*—A lamp with a sliding pan and a loop at the end of the staff. Price Rs. 8. Purchased. Maker, Gyánu.

KHANDIL, *Mar.*—A hanging lamp with a chain. The chain is passed through an iron ring, fixed to the upper beam of a door-way frame and the hook at its end is fitted into the largest of the links. One lamp thus placed in a door-way is sufficient to light two adjoining rooms. Price Rs. 9. Purchased. Maker, Gyánu.

GALLA, *Mar.*—A pot used by sweetmeet-sellers for keeping change. When the pair of scales are not required for use, they are kept on the top of this pot. Price Rs. 10. Purchased. Maker, Gyánu.

From Poona.

RÁNJANI.—Used for storing grain. Purchased.

GHÁNGÁL.—Used for bathing and washing purposes. Purchased.

TÓP.—Used for keeping milk, *kadhi* (curry), &c. Purchased.

JHÁRÁ.—Used for frying. Purchased.

VELNI.—Used for holding rice while it is being served at dinner. Purchased.

HANDA.—Used for carrying and storing water. Purchased.

PARÁT.—Used for holding rice (like velni) while it is being served at a large dinner party. Purchased.

MUDÁLE.—Used for shaping the rice served for the first course. Purchased.

CHÁLAN.—A sieve. Purchased.

TAVA.—Used as a frying-pan. Purchased.

GHÁGAR.—Used for carrying and storing water. Purchased.

TAPELI.—Used for boiling rice. Purchased.

KADHAI.—A frying-pan. Purchased.

PÁTELI.—Used for keeping *kadhi* (curry) or cooking vegetables and curries. Purchased.

CHUL.—A fire-place. Purchased.

KÁNALE.—Used for decorating the floor on which guests are to squat for dinner. Purchased.

JÁTNI.—A mill. Purchased.

KISNI.—Used for slicing cocoanut. Purchased.

LÁMANDIVA.—A hanging lamp called *khandil.* Purchased.

TWO TABAKDIS.—Used for keeping sandalwood paste.

VAJRI.—Used for cleaning the feet by rubbing while bathing. Purchased.

TWO GADUS.—The same use as Gadva. Purchased.

PÁTELI.—Used for storing water, or cooking vegetables and curries. Purchased.

PANCHPÁLE.—Used for carrying *chatnis* while they are being served. Purchased.

RAVALI.—Used for washing rice in. Purchased.

PALI.—Used as a ladle. Purchased.

KÁLTHA.—Used for frying. Purchased.

ARGHEPÁTRA.—An ablution spoon. Purchased.

SAMAI.—An open lamp. Purchased.

POHARYA.—Used for drawing water from wells. Purchased.

VÁTI.—A cup. Purchased.

PANCHPÁTRA.—A drinking-cup. Purchased.

VILI.—Used for slicing vegetables, &c. Purchased.

TABAKDI.—Small plate for sandalwood paste.

THREE TABAKS.—Embossed and ornamented brass plates. Price Rs. 10-8. Purchased.

DABA.—Embossed copper jar. Price Rs. 15. Purchased.

DABA.—Embossed copper box. Price Rs. 11. Purchased.

PANCHPÁTRI.—Embossed water-cup. Price Rs. 11. Purchased.

JHÁRI.—A drinking-cup. Purchased.

TWO PYÁLAS.—Water-cups. Price Re. 1-8 and As. 14 respectively. Purchased.

TWO PALIS.—Ablution spoons. Price Rs. 2. Purchased.

TÁMBIA.—Water-pot, Price Rs. 6. Purchased.

KARANDI. Water-pot. Price Rs. 7. Purchased.

DEVI.—A brass figure representing the wife of Shiva. Maker, Bápu Moreshwar. Price Rs. 4. Purchased.

ANPURNA.—Another representation of the same. Maker, Bápu Moreshwar. Price Rs. 6. Purchased.

RÁJÁ BALI.—A fabulous king of Pátál, who was proverbially pious and liberal. On the *pratipada* day in the Divále, Rájá Balí is worshipped by all Hindus, who on that day have their houses thoroughly swept and dusted before sunrise, and the sweepings placed in an old basket, which is given to the servant to take and place with a lamp and a pice or two on the roadside, the servant beating a *batáki* and reciting :—"*Ida pida jao áni Baliche ráj yeo.*" (Let all calamities disappear and Bali's raj be established again.) Bali is then worshipped, and a *köt* or heap of crackers and other fireworks, arranged like a fort and fired, end the ceremony. Rájá Bali is supposed to have lived before Parashurám or Rám. Váman, the fifth incarnation of Vishnu, drove him to Pátál, or an imaginary place below the earth, the kingdom of that region having been eternally assigned to him. Maker, Bápu Moreshwar. Price Rs. 12. *Not for sale.*

RÁDHA KRISHNA.—Krishna, the eighth incarnation of Vishnu with his mistress Rádha. Maker, Bápu Moreshwar. Price Rs. 19. *Not for sale.*

RÁM.—The deified King of Oudh. believed to be the seventh incarnation of Vishnu. Maker, Bápu Moreshwar. Price Rs. 10. *Not for sale.*

RÁDHA.—The mistress of Krishna. Maker, Bápu Moreshwar. Price Rs. 14. *Not for sale.*

DATTÁTRAYA.—The Hindu Trinity personified. The three heads represent Brahma the Creator, Vishnu the Protector, and Shiva the Destroyer. Maker, Bápu Moreshwar. Price Rs. 5. *Not for sale.*

BÁLKRISHNA.—Krishna as a babe (*bál*). Maker, Bápu Moreshwar. Price Rs. 9. *Not for sale.*

MAHÁDEV.—Shiv, the Destroyer, with his wife, Párvati, and his son, Ganesh (the God of Knowledge). Maker, Bápu Moreshwar. Price Rs. 19. *Not for sale.*

TWO CHAURI DÁNDÁS.—Electroplated. From Poona. Price Rs. 2-8 each. *Not for sale.*

GULÁBDAN.—Rose-water sprinkler. From Poona. Price Rs. 7. *Not for sale.*

TWO TABAKS.—Plates for keeping *pán-supári.* From Kaládgi. Price Rs. 4 and Rs. 3-15. *Not for sale.*

TWO DAUTS.—(*Ink-boxes.*) Containing bottles (brass) for black and red ink, sand, and gum Arabic. From Kaládgi. Price Rs. 5 each. *Not for sale.*

SAMAI.—(*a pair*). Open lamps. From Belgaum. Price Rs. 13-12. *Not for sale.*

From Amod.

KALLA.—Brass anklet. Price Rs. 2-1. *Not for sale.*
BARNI.—Maker, Premánand Mádhavji. Price Rs. 2-0-9. Purchased.
CHHINI.—Maker, Premánand Mádhavji. Used for slicing the dried kernel of the cocoonut. Price Re. 1-1. Purchased.
HOOKA-STAND.—Maker, Premánand Mádhavji. Price Rs. 2-8. *Not for sale.*
LAMP.—Maker, Premánand Mádhavji. Price As. 6. Purchased.
BARNI.—Maker, Hargorám Harjiwan. Price Re. 1-9-3. Purchased.
OIL BOTTLE.—Maker, Hargorám Harjiwan. Price Rs. 2-3-9. Purchased.
HANGING-LAMP WITH MIRRORS.—Maker, Hargorám Harjiwan. Price Rs. 5-1-3. Purchased.
BELLS.—Maker, Hargorám Harjiwan. Price As. 5 for the pair. Purchased.
GHUNGRO (BELL). Maker, Hargorám Harjiwan. Price As. 14. Purchased.

From Bhávnagar.

CHAHÁNA SANCHO.—A brass tea-urn or 'samovar.' Maker, Kansara Mopanlál Harjiwan, of Sibor, Bhávnagar. Lent by the Bhávnagar Darbár.
CHAHANA VÁSAN.—Tea-set. Maker, Kansara Mopanlál Harjiwan, of Sibor, Bhávnagar. The whole set consists of one large tray, containing one large-kettle for tea, a milk-pot and a sugar-pot with six small cups and spoons. Lent by the Bhávnagar Darbár.
TWO BEDU.—A set of water-vessels. Maker, Kansara Mopanlál Harjiwan, of Sibor, Bhávnagar. Lent by the Bhávnagar Darbar.
WATER-POTS.—A set. Maker, Kansara Mopanlál Harjiwan, of Sibor, Bhávnagar. Lent by the Bhávnagar Darbár.
TWO PÁLU.—Spittoon. Maker, Kansara Mopanlál Harjiwan, of Sibor, Bhavnagar. Lent by the Bhávnagar Darbar.
KALASIA.—Drinking-pot (*lota*). Maker, Kansara Mopanlál Harjiwan, of Sibor, Bhávnagar. These articles are six in number, three of which are made of brass only, and the other three are of brass and copper soldered together. They are used for holding water and milk, and the smaller cups and goblets (*kalsis*) which accompany them serve for drinking purposes. Lent by the Bhávnagar Darbar.
KALASIA.—Drinking-pots (*lota*). Maker, Kansara Mopanlál Harjiwan, of Sibor, Bhávnagar. Lent by the Bhávnagar Darbar.
THREE KALASIA.—Drinking-pots (*lota*). Maker, Bhima Bhái. These articles are three in number, and are made of brass only. Lent by the Bhávnagar Darbar.
THREE KALASIA.—Drinking-pots made of brass and copper soldered together (*lota*). Maker, Bhima Bhái. Lent by the Bhávnagar Darbar.
SIX PYÁLAS.—Drinking-cups. Maker, Bhima Bhái. These are small and large sized cups and made of brass only. Lent by the Bhávnagar Darbar.
SHAGDI.—Stove. Maker, Bhima Bhái.
BÁJOTH.—Stool or bench, square shaped. Maker, Bhima Bhái. Used as a table at dinner. Lent by the Bhávnagar Darbar.
BÁJOTH.—Stool or bench, octangular. Maker, Bhima Bhái. Lent by the Bhávnagar Darbar.
MASHÁL.—Torch. Maker, Bhima Bhái. Its lower thick part is hollow and joined to the upper cylinder. It serves to hold oil, and when the upper part is lighted the oil descends to it when the torch is upturned. In Native States a high functionary when granted a torch considers it as a mark of favour. A barber bears it lighted before him at night-time. Lent by the Bhávnagar Darbar.
ANKUSH.—Elephant-goad. Maker, Bhima Bhái. Lent by the Bhávnagar Darbár.
ANKUSH.—Elephant-goad. Maker, Bhima Bhái. Lent by the Bhávnagar Darbar.
HOOKA.—Pipe. Maker, Bhima Bhái. Answers the double purpose of a smoking-pipe and walking-stick. Lent by the Bhávnagar Darbar.

COLLECTION OF ELECTRO-PLATED BRASS POTS.—Lent by His Highness Thákur Sáheb of Bhávnagar, Kathiáwár. Maker, Juvánsingji Jasvantsingji.
FLOWER-POT.—Lent by His Highness the Mahárájá of Baroda.
COLLECTION OF ELECTRO-PLATED BRASS POTS.—Lent by His Highness the Mahárájá of Baroda.
COLLECTION OF BRASS POTS.—Exhibited by the Baroda Committee. Price marked on each.—*For sale.*
COLLECTION OF ELECTRO-PLATED BRASS POTS.—Exhibited by Baroda Committee. Price marked on each. *For sale.*
CHÁ PAKÁVÁNO LOTO.—A brass pot for preparing tea. Exhibited by the Baroda Committee. Maker, Gopál Umed of Visanagar. Price Rs. 7. *For sale.*
SURAHI.—A water-jar made of zinc. Exhibited by Baroda Committee. Makers, Keshav Bhaichand. Price Rs. 5. *For sale.*
COLLECTION OF BRASS POTS.—Lent by the Gondal Darbár, Káthiáwár.

ARMS.

The manufacture of Indian arms is now confined almost entirely to supplying the demand created by collectors of curios and others who use them for decorative purposes by displaying them on the walls of their entrance halls, drawing-rooms, &c. Modern arms of quaint and varied shapes, copied from the standard patterns in use from time immemorial, are principally made in Kuch, and a large collection of these is exhibited.

Lent by His Highness the Mahárájá of Baroda.

GURÁJ.—Contains a sword, a shield, a pistol, a knife, and a set of writing materials.
DAGGER.
SWORD.—With a dagger at one end. Maker, Lalu.
GUPTI.—A sword-stick.
SWORD.—With pistol. Maker, Ráichand Devji.
ARMOUR.
HEAD ARMOUR.
DOUBLE DAGGER.
SWORD WITH PISTOL.

From Katch.

14 JAMBIAS.—Makers, Nur Mahomed, Dáud Ali, Omar, Báu, and Sulemán *For sale.*
TWO KHANJIRS.—Makers, Nur Mahomed and Ahmed. Price Rs. 12 and 4 respectively. *For sale.*
TEN GUPTIES.—Makers, Nur Mahomed, Ahmed Ismail, Báu, and Sulemán. Price marked on each. *For sale.*
TWO KULANGS.—Maker, Nur Mahomed. Price marked on each. *For sale.*
TEN KATÁRS.—Hindu daggers. Makers, Dáud Ali, Bau, Sulemán, Harji, and Mahomed. Price marked on each. *For sale.*
SING.—Horn. Maker, Mahomed Khamisha. Price Rs. 3. *For sale.*
FOUR ANKUSH.—Iron goads. Makers, Mahomed, Ahmed, and Báu. Price Rs. 8 each. *For sale.*
13 DHALS.—Shield. Makers, Ali Ahmed, Dáud, Báu, Suleh Mahomed, and Harji. Price marked on each. *For sale.*
THREE BHALA PHALS.—Spear-heads. Maker, Ahmed Ismail. Price Rs. 2, 2, and 1 respectively. *For sale.*
PISTOL.—Maker, Alia Mahomed. Price Rs. 40. *For sale.*
12 SWORDS.—Makers, Nur Mahomed, Ahmed, and Suleman. Price marked on each. *For sale.*
26 TABARS.—Battle-axes. Makers, Ahmed, Ismail, Alia, Omar, Báu. and Suleman. Price marked on each. *For sale.*

TEN DHÁS.—Makers, Nur Mahomed, Ahmed, Ismail, Alia, and Báu. Price marked on each. *For sale.*

SWORD.—With enamelled silver mounting. Exhibited by His Highness Mir Ali Nurád Khán Tálpur, of Khairpur. Price Rs. 977. *Not for sale.*

LARGE KNIFE.—With gold and silver mountings. Exhibited by His Highness Mir Ali Murád Khán Tálpur of Khairpur. Price Rs. 119. *Not for sale.*

SWORD HILT.—Maker, Mulji, Govind. Lent by the Gondal Darbar, Káthiáwár.

CUTLERY AND HARDWARE.

48 ADKITA.—Nut-crackers. Makers, Ahmed Ismail and Dáud Khamisa. Price marked on each. *For sale.*

22 KNIVES.—Makers, Alia, Nur Mahomed, Ahmed, and Dáud. Price marked on each. *For sale.*

FIVE KNIVES.—Price marked on each. *For sale.*

TWO PAIRS OF SCISSORS.—Prices As. 8 and 6 respectively. *For sale.*

SUDI (*a pair*).—Nut-crackers. Maker, Mulji Govind. Lent by the Gondal State, Káthiáwár.

SUDI.—A nut-cracker. Maker, Murar Daje of Baroda. Lent by His Highness the Mahárájá of Baroda.

TIN BOX.—Maker, Ahmed Bora. Lent by the Gondal Darbar, Káthiáwár.

THREE SUDIS.—Nut-crackers. Makers, Sukha Narbheram and Ranchod Kándas. Exhibited by the Central Committee, Baroda. Prices As. 12, Re. 1-4, and As. 12 respectively. *For sale.*

IRON BALANCE LAMP.—Maker, Ishvar Trikam. Exhibited by His Highness the Mahárájá of Baroda. Price Rs. 15. *For sale.*

HOOKA.—With pipe and a spare pipe. Maker, Kuber Haribhái and Narottam of Surat. Price Rs. 12-8. *Not for sale.*

HOOKA BOWL.—Maker, Tuljárám Brijvallabh of Surat. Price Rs. 10. *Not for sale.*

CLASS XXIX.—BASKETWARE.

Bamboo baskets lined with cloth and decorated with lacquer, *khaskhas* baskets, boxes, and fans ornamented with lace and beetle's wings, are specialities of Sávantvádi. Poona turns out *khaskhas* baskets and fans in imitation of the Sávantvádi-ware. The articles are, however, inferior in workmanship, being made of cowdung and paper and coated with a layer of the fragrant *khaskhas* root. At Poona there are ten to twelve Jingars in Vethái Peth and Aditvár, who make *khaskhas* baskets and fans. They are saddlers by trade; but as the demand for native-made saddles has declined, they have taken to *khaskhas* work, there being a considerable demand for articles in this material. They say they came from Bágalkot, and that they speak Gujrathi at home. The average income of a *khaskhas*-ware maker at Poona ranges from Rs. 12 to Rs. 15 per mensem. At the Yerrowda Thana and Ratnágiri jails baskets, chairs, and other articles are made of cane, and in the city of Bombay itself several Chinamen carry on an extensive business in basketware. At Sávantvadi this industry is carried on by the people of the Jingar caste, the number engaged in it being only eleven. Their original craft is that of making saddles, which they practise in addition to the *khaskhas* and embroidery work. They raise capital by obtaining money in advance from the people who order the articles, and obtain raw materials from traders in the local *bazár* on credit, except *khaskhas*, which is found in abundance in the vicinity of Sávantvadi. The prices of the articles they make depend upon the kind and quality of materials used. The working hours are generally from 7 a.m. to 11 a.m. and from 2 p.m. to 6 p.m. The holidays on which they do not work are Ganesh-Chathurthi, Dasra, Divali, and Shimga-Purnima. Their business is slack

during the monsoon, when the sea communication with Bombay and other ports is closed. The raw materials used in the industry, with their prices, are as follows:—(1) *khaskhas*, the root of the *Andropogon muricatus*, at pies 6 per pound; (2) gold lace, Rs. 3 a tola; (3) tinsel, at As. 3 a tola; (4) satin, at Rs. 2 a yard; (5) peacock feathers, at Rs 2 to Rs. 5 per 1,000; (6) silk, at Re. 1 for six tolas; (7) cloth at As. 3 a yard; (8) lake at As. 2 a tola; (9) gold spangles at Rs. 2 a tola; (10) silver spangles, at As. 4 a tola; (11) beetle's wings, at Re. 1 per 100; (12) iron wire, at As. 3 a reel; (13) thread, at As. 3 a reel. The following is the list of instruments employed in the industry, with their prices:—(1) chisel, cost As. 8; (2) hammer, cost As. 12; (3) hatchet, cost Re. 1; (4) saw, cost Re. 1-4; (5) "*gávi*" (a kind of tweezers), cost As. 10; (6) pair of scissors, cost Re. 1; (7) needles, cost pies 6. The demand for these articles is daily increasing, because they are now more known to Europeans, who send them to Europe as curiosities. It is difficult to describe the process of manufacturing each article in detail. The general process of manufacturing fans, &c., is as follows:—

Bamboo frames are in the first place made of the shape of the fan required. Upon these are worked the fans with velvet and satin and cloth and *khaskhas*, these being united by means of paste (made of tamarind seeds and white clay called *shadu*.) Wire and thread form the body of the fan. Upon this various devices are worked with gold thread, tinsel, beetle's wings, &c., according to the fancy of the worker. A border of peacock feathers is also put on the fans, which, when completed, are removed from the frames. The handles of the fans are made by Sutárs and Chitáris, and are either lacquered or painted, according to the description of fan for which they are required. Wages of workmen employed on day labour vary from As. 6 to 8. No assistance is received from children. Women make only ordinary fans of *khaskhas*, worth not more than As. 4 each. They also assist the men in the minor details of their professional work. There is no trade guild at Sávantvádi. The total value of articles made in this district in one year is estimated at Rs. 2,500. The workmen do not themselves take their articles for sale, but sell them to individual purchasers on the spot, or to traders, who take them for sale to Bombay, Poona, Belgaum, Goa, and other places.

A FAN.—Maker, Mahádev Bhavána Jingar. A semi-elliptical shaped hand-*pankha* (fan) made of *khashhas*, embroidered with gold thread and ornamented with beetle's wings and tinsel, with a deep border of crimson satin, holder of wood, painted with figures. Price Rs. 25 *Not for sale.*

PANKHA.—Fan. Exhibited by the Chief of Sávantvádi. Maker, Rámchandra Esu. Price Rs. 16. *For sale.*

GOL-DABA.—Box. Exhibited by the Chief of Savántvádi. Maker, Mahádev Bhaváni. Price Rs. 11. *Not for sale.*

BOX.—Exhibited by the Chief of Sávantvádi. Maker, Mahádev Bhaváni. Price Rs. 8. *Not for sale.*

BOX.—Contains lacquered toys. Exhibited by the Chief of Sávantvádi. Maker, Govind Krishna. Price Rs. 13. *For sale.*

PANKHA.—Fan. Maker, Mahádev Bhaváni Jingar. Price Rs. 25. *Not for sale.*

CANE FANCY BASKET, CANE PHOTO. FRAMES, AND CANE NEWSPAPER RACK.—Exhibited by the Collector of Ratnágiri. Makers, Prisoners of the Ratnágiri Jail. Price Rs. 6-8 for the set. *For sale.*

CLASS XXXI.—DECORATIVE WORK, INCLUDING CARVING AND ARTWARE.

WOOD-CARVING.

Wood-carving must have been very extensively practised at one time throughout the presidency of Bombay, as may be seen from the carved wooden houses

which are met with in nearly every town, but now the practice is confined principally to Ahmedábád, Surat, and Kánara. One of the most attractive features in the court is the portion of an ordinary native house from Baroda with doors from the old city of Dabhoi. Both are excellent examples of carving.

At Ahmedábád there are above 800 families of Sutárs, who are carvers in wood. The caste is divided into four sections,—Vaishnva, fifteen families; Maivada, 400 families; Gujar, 300 families; and Champánere, 100 families. Of these there are only 75 to 80 who can be classed as skilled artisans, the remainder being capable of only very rough work.

The wood is brought from the Kátpatiás or dealers in wood, who have about 30 shops in Ahmedábád. The money required for the purchase is generally advanced by the customer himself. They work from morning to evening with a rest of two hours at midday. Their instruments are of English make, with the exception of a few scoopers, which are supplied by the local *lohárs* or ironsmiths.

With the exception of a few carvers, who earned a precarious living by carving elaborate flower-stands, picture-frames, card-cases, &c., in blackwood for European demand, the art of wood-carving was almost extinct in Ahmedábád; but by the enterprise of Mr. Lockwood de Forest, an American gentleman, who has started an establishment there for the construction of carved furniture which is exported to New York, a revival has taken place. The establishment is under the management of Mr. Magganbhái Hattishing. About one hundred workmen are employed, who are paid from 12 annas to Re. 1-8 per day. In addition to employing all the best carvers in Ahmedábád, men have been brought from Kadi, Pattan, and Surat. The clever men are from Pattan. The designs for the carvers are drawn out by three *mistries*, Tribhuvan, a first-class man, Jalu, and Ranchord.

A cabinet has been purchased from this establishment, and is exhibited as being a good specimen of modern Ahmedábád work.

At Surat there were about 800 Pársi carvers at the beginning of this century, but many of them have left the business, and several others have migrated to Bombay, where they have shops in the Kalbádevi Road, in which they make and sell desks, glove and work-boxes, card-cases, paper-knives, chess-boards, &c., which are partly carved in blackwood and sandalwood, and inlaid work, and which are known as "Bombay boxes." At present Surat contains only twenty to thirty families of carvers, and not more than half a dozen shops.

Billimora, in the Baroda territory, sends a large collection for sale of the inlaid woodwork.

Wood-carving for houses is still largely carried on at Surat, and there are several workshops where doors, shutters, ceilings, and cupboards may be bought ready-made. A specimen of one of these doors is exhibited in the Court. It is characterised by considerable freedom and boldness of execution—a treatment most suitable to the size of the object decorated. Of the finer and more delicate kind of carving, two specimens are exhibited (Nos 46 and 47).

At Surat a considerable trade is carried on in toys, which consist of figures carved on wood and afterwards decorated by painting, gilding, and then varnished. A few specimens of these are also shown.

At Násik, which is famous for its old carved timber houses, the art of wood-carving is all but extinct. One man, however, was discovered, who said he was a carver, and he undertook to copy one of the windows in the Hingle's *váda*, or house which is now used as a school. This specimen was exhibited.

In the Kanara district Mr. R. E. Candy, the Collector, reports that Gudegárs, or carvers in wood, are found in the Ankola, Kumta, Honore, Sidápur, and Sirsi subdivisions. They are quite a small community, numbering in all about 200 souls, Sudrás by caste, and came originally from Goa, whence they are said to have been driven by the Inquisition. Those who live above the Ghâts speak Kanarese, while those on the coast speak chiefly Konkani. They are fair, middle-sized, intelligent, and quiet, but fond of drink, lazy, and very improvident. They are much employed in painting and decorating temples. They carve in

sandalwood, ebony, and ivory. The tools used are few and simple. Some of them have books with European designs, and they can generally copy anything put before them; but they prefer to work out their own designs. They make, as a rule, a rough sketch first on paper, and then with a pencil trace the design on the wood to be carved. The leading members of the guild are Santáya Shetti at Kumta, Krishnaya at Honore, Shesha at Sidápur, and Manjaya at Bilgi in the Sidápur táluka. They are very fond in their carvings of representing Shiva with the great serpent Vásuki coiled round his neck, Párvati in his lap, and their son Ganpati close by, while all around stand *rhishis*, warriors, and dancing-girls. Another favourite scene is Krishna seated in a tree with the clothes of the Gopis in his possession, while they who have been sporting in the water look up to Krishna imploring him to restore their clothes. The various expressions on the women's faces are excellently portrayed.

The two carved boxes made by Santaya, represent scenes from the Rámáyana, Mahábhárata, and the Puráns. The figures comprise Rám, Sita, Lakshman, Hanuman, the monkey-god, Rávana, his sister Surpanakha, Kumbha-Karna, his brother, and Indrajit, his son, Vishvámitra, Vashishth, Nárad, and other sages. Shiva and Párvati, the Pándavas, and various other fabulous beings are also shown.

Fifteen years ago the Bilgi carvers made a set of chessmen and board for Rs. 150. The black pawns were of ebony and represented Sikh soldiery with the short sword and buckler. The white pawns of sandalwood represented the old East India Company's sepoy in full uniform, with his musket on his shoulder. The kings were kings seated on elaborately carved thrones. The queens were prime ministers (*mantris*) kneeling before the king on one knee. The castles were elephants in full trappings ridden by "*mahouts*." The knights were warriors on horseback, and the bishops were men with drums or tom-tom riding camels. A year was required to get the whole completed. No works of this kind are undertaken except by special order.

One great point in ordering from the gudegárs is to remember that suitable pieces of sandalwood or ebony for carving large works are not easily got. They are mostly obtained from Mysore. Time must, therefore, be allowed, for the gudegárs will not work fast, but again they work safely, and very rarely spoil a carving once begun.

CABINET (*Kapát*).—Maker, Maganbhái Hattising, of Ahmedábád.

PORTION OF A CARVED WOODEN HOUSE-FRONT FROM BARODA.—Exhibited by His Highness the Gaekwar. It is from an old house belonging to the Divan family of the Nawáb of Baroda, built before the conquest of Guzráth by the Maráthás. The house is from Baroda, while the doorway is from Dábhoi, where it is obtained from an equally old house belonging to a bania.

BRACKET.—Carved by Mistri Keshav Lavji. Lent by His Highness the Mahárájá of Baroda.

THREE BOOK-STANDS.—Carved in sandalwood. Maker not known. Lent by His Highness the Mahárájá of Baroda.

WRITING-BOX.—Maker, Maganbhái Hattising of Ahmedábád. Price Rs. 120. *For sale.*

PICTURE-FRAME.—Maker, Maganbhái Hattising of Ahmedábád. Price Rs. 60. *For sale.*

INKSTAND.—Maker, Maganbhái Hattising of Ahmedábád. Price Rs. 40. *For sale.*

KHIDAKI.—Copied from Hingle's *váda* and Raje Bahádar's *váda* at Nasik. Maker, Lanuman Bábáji. Price Rs. 117.

From Surat.

CHANDANI PETI.—Toilet-boxes. Maker, Mulchand Káshirám. Price Rs. 80 and Rs. 40. *Not for sale.*

DASTANDÁN.—Glove-box. Maker, Fardunji Framji. Price Rs. 14. *Not for sale.*

CHÁBKÁCHI MUTH.—Handle for a whip. Maker, Rájárám Dullabhrám. Price Rs. 6. *Not for sale.*

BARSAKH NE BARNU.—Door. Maker, Pestonji Kátpátio. Price Rs. 40. *Not for sale.*

From Kanara.

POTHICHI PHALI.—Carved boards or slabs. Maker, Krishnabu Ravalaya. Price Rs. 50 each. Purchased.

PANKHA.—Fans. Maker, Krishnabu Ravalaya. Price Rs. 20 each. Purchased.

KÁGÁD KÁPNYÁCHI SURI.—Paper-cutters. Maker, Vishun bin Laxuman. Price Rs. 2-8 each. Purchased.

PETI.—Glove-box. Maker, Sheshagiri Subhanna. Price Rs. 20. Purchased.

PETI.—Card-case. Maker, Hanmanta bin Somansheti. Price Rs. 8. Purchased.

CHAURI.—Chauri with handle. Maker, Sheshapa bin Hukkma. Price Rs. 30 each. Purchased.

PETI.—Card-cases. Maker, Hanmanta bin Somansheti. Price Rs. 7 each. Purchased.

KÁGÁD KÁPNYÁCHI SURI.—Paper-cutters. Maker, Hanmanta bin Somansheti. Price Rs. 2 each. Purchased.

POTHICHI PHALI.—Carved board. Maker, Ganpati bin Govindsheti. Price Rs. 40. Purchased.

PETI.—Casket. Maker, Santaya. Price Rs. 475 for pair. Purchased.

A CARVED SHUTTER.—Maker, Fatch Mahomed Haji. Exhibited by the Katch Council of Administration. Price Rs. 181 -1-1. *For Sale.*

CHIP JADELI PETI.—A black-wood box. Lent by His Highness the Jám Sáheb of Jámnagar (Navánagar.) It is a writing-box made of black-wood, inlaid with mother-o'-pearl. Maker, Mona Rajani, carpenter in the Darbár workshop. Price Rs. 44-4.

WRITING-BOX. *Inlaid with brass.*—Maker, Kala Mulji. Price Rs. 40. Lent by the Morvi Darbar.

CHAIR. *Black-wood, carved.*—Makers, Ludha Ebrahim & Co., Bombay. Local price Rs. 75. *For sale.*

FLOWER-STAND. *Black-wood.*—Makers, Ludha Ebrahim & Co., Bombay. Local price Rs. 50. *For sale.*

CARVED BOX.—Makers, prisoners at the Kadi Jail, Baroda. Price Rs. 25. *For sale.*

IVORY-WORK.

Ivory-carving is practised only to a small extent in the Bombay presidency. Ivory figures are made in Bombay and Surat by Parsi work-box makers, but of late they have taken to using stag-horns instead. These specimens are described under Surat Toys. Combs are made of ivory at Poona, where there are half a dozen shops opposite the temple of Ganapati, in Kasba Peth. Two of them belong to Sonárs, and the rest to Maráthás. Almost all the original workers have left the trade for want of support. The comb-makers have no capital, and raise money by borrowing it at Re. 1-8 per cent. per mensem and Re. 1-8 per cent. commission on the sale-proceeds. The samples have been obtained through the Collector of Poona. An excellent specimen of ivory-carving is sent from Katch in the form of a jewel-box.

MURLIDHAR.—Krishna blowing the flute [*mruli*, a flute]. Maker, Bhiva Mistri of Poona. Price Rs. 50. *Not for sale.*

COLLECTION OF IVORY PAPER-CUTTERS, PEN-HOLDERS, AND PAPER-WEIGHTS.—Exhibited by Shekh Kásammia Munshi (who is the maker) through the Political Agent, Káthiáwár.

JEWEL-BOX.—Sent *for sale* by the Katch Council of Administration. Maker, Punja Shámji, of the Bhuj School of Art. Price Rs. 385-10-1.

TWO PHANIS AND TWO KANVÁS.—Double and single combs. Maker, Náráyan bin Tukárám Khodge, of Poona. Price Rs. 3, 2, and 3. *Not for sale.*

COLLECTION OF CARVED IVORY WORK.—Lent by His Highness the Maháráját of Baroda.

COLLECTION OF IVORY INLAID WORK.—Sent by the Baroda Central Committee. Maker, Sorábji Jámásji Bilimoria. Prices on each article. *For sale.*

A FRAME WITH THREE IVORY FIGURES.—Maker, Lála Mansukh of Baroda. Price Rs. 120. *For sale.*

BOX (CARVED).—Lent by His Highness the Náwáb Sáheb of Junagad, Káthiáwár.

LACQUEREDWARE.

A large collection of lacqueredware is exhibited, showing the several varieties executed in the presidency,—from the small wooden toys of Surat, the fruits of Gokák, to the rich lacquered work of Hyderabad, with hunting scenes in outline, delicately tinted on a rich brown ground, and the brilliantly coloured lacquer of Sávantvádi illustrating subjects from Hindu mythology.

The Sind workers are Musalmans, who state that they came originally from Zanzibar. They are very indolent, irregular in their habits, and poor, and the capital they require is borrowed from dealers. From August to November the demand is brisker than during any other time of the year, although the Huzur Deputy Collector, Hyderabad, reports that of late the demand for Sind lacquered-ware has decreased, and that the industry is declining. The annual outturn in Hyderabad is only about Rs. 1,000 to Rs. 1,300.

At Sávantvádi there are only half a dozen workers in lacquered-ware, four of them being Sutárs (carpenters) and two Chitáris (painters) or Jingars. One has capital of his own, while the others either receive advances from customers or obtain the raw material on credit. They work from 7 to 11 in the morning and from 2 to 6 in the evening, stopping all work on *Ganesh chaturthi, Diváli, Shimga*, and the two eleventh days (*ekádashis*) in the lunar months of *Ashádh* and *Kártik*. Their business is slack during the monsoon for want of communication with Bombay. The demand is reported by the Political Agent to be decreasing, trade in lacquered *toys* having been replaced by European and Chinese toys. The workers are never employed as day-labourers. Their average daily income ranges from As. 8 to As. 14 per head. The annual outturn of lacqueredware at Sávantvádi is said to be about Rs. 2,000, and the articles are sent to Bombay, Poona, Belgaum, Baroda, Dhárwár, Satára, Kolháp ur, Goa, and several other places.

COLLECTION OF LACQUEREDWARE.—From Hyderabad, Sind. Makers, Mahomed Jáfar and Sukhio Undhandás. Price for the set Rs. 79-5. *Not for sale.*

GANJIPHA.—Set of playing-cards in which the ten incarnations of Vishnu are represented. Maker, Gopál Rámchandra, of Sávantvádi. Price Rs. 26. *Not for sale.*

TWO SETS OF TEAPOY LEGS.—Exhibited by the Dasái of Sávantvádi. Price Rs. 5 each.

KHEL.—A set of lacquered toys. Exhibited by the Sir Desái of Sávantvádi. Price Rs. 12.

HORN-WORK.

Viziadurg, Jaitápur, and Málvan, in the Ratnágiri district, contain a few Sutár families, who know the secret of shaping bison's horns into cups, plates, animals, and caskets. About thirty years ago the only articles turned out were

trays and caskets for the worship of idols, but of late cups of various shapes, lamp-shades, animals, notably snakes, are made to order for Europeans, which has given a start to the industry. The following samples are obtained through the Collector of Ratnágiri. They are not for sale:—

CANDLE-STICK.—Made of bison horns, ornamented with cobras Maker, Dádu Mukund Sutár of Viziadurg, Ratnágiri. Price Rs. 50.

FOUR SAMPUSHT.—Caskets for keeping idols. Maker, Dádu Mukund Sutár of Viziadurg, Ratnágiri. Price Re. 1-8.

TWO COMBS.—Maker, Shaik Kásammia Munshi of Rajkot.

SNAKES (*a pair*).—Maker, Dádu Mukund Sutár of Viziadurg, Ratnágiri. Price Rs. 12.

SNAKE.—Maker, Dádu Mukund Sutár of Viziadurg, Ratnágiri. Price Rs. 6.

TRAY.—Maker, Dádu Mukund Sutár of Viziadurg, Ratnágiri. Price Rs. 3-8.

KAMAL (or lotus) on a Nandí (or bull) with a cobra. It is used as the seat of Mahadev or Shiv. Maker, Dádu Mukund Sutár of Viziadurg, Ratnágiri. Price Rs. 7.

Cows (*a pair*).—In a sitting posture. Maker, Dádu Mukund Sutár of Viziadurg, Ratnágiri. Price Rs. 8.

FOUR SHOE-HORNS.—Maker, Shaikh Kásammia Munshi of Rajkot.

A CARVED BISON'S HORN.—Lent by His Highness the Mahárájá of Baroda.

A SPOON.—Made of buffalo horn. Lent by His Highness the Jám Sáheb of Jámnagar, Káthiáwár. Maker, Mona Rajani. Price Re. 1-10.

A KNIFE HANDLE.—Of buffalo's horn. Lent by His Highness the Jám Sáheb of Navánagar, Káthiáwár. Maker, Mona Rajani. Price Re. 1-8.

COLLECTION OF HORN-WORK.—Sent by the Political Agent, Káthiáwár. Maker, Shaikh Kásammia Munshi of Rájkot.

DECORATIVE WORK.—(MISCELLANEOUS.)

SURAI.—A cocoanut mounted on a stand and fitted with a pipe so as to serve as an *attardan*. The cocoanut is inlaid with arabesques in an amalgam of quicksilver and tin. Maker, Nánu Jiva of Sávantvádi. Price Rs. 2-8. *Not for sale.*

DABA.—A cocoanut mounted on a lacquered stand and painted with figures of Hindu deities in medallion, which are divided by painted borders representing flowers. Maker, Gopál Rámchandra of Sábantvádi. Price Rs. 2-8.—*Not for sale.*

PANKHA.—Fan from Poona. Price Rs. 30. *Not for sale.*

RULER.—Made of betelnuts joined together. Maker, Virji Ladha. Lent by the Gondal Darbar, Káthiáwár.

WALKING-STICK.—Made of betelnuts joined together. Maker, Govindji Mokanji. Lent by the Gondal Darbar, Káthiáwár.

PHUVÁRÁNI PUTLI.—A top for a fountain. Lent by His Highness the Mahárájá of Baroda. Maker, Keshav Lavji.

CHANCHI.—Bag for *pán-supari*. Purchased at the Poona Native Art Exhibition. Price Rs. 3-8. *Not for sale.*

A panel of colored chunam wall decoration similar to the Italian "sgraffito," from Broach. *Not for sale.*

CARVING IN MARBLE.

Building being extensively carried on throughout the Presidency, notably at Bombay and Baroda, the carving of the decorative details is executed by a class of natives called Salát, who are Gujrathis, and are found at Bhuj, Mándvi, Kera, Nalia, and Kathora, in Katch, as well as at Jámnagar. There are

about 700 to 750 of them in the Katch State, and about 1,000 to 1,200 at Jámnagar.

Although most of the work is in stone, marble is used and is obtainable at Davria in Katch, and Káthiawár, but a good deal is imported from Italy.

CHHATRI OR CENOTAPH.—A portion of a sculptured marble chhatri designed by Mr. Griffiths, Superintendent of the Bombay School of Art, and erected by His Highness the Thákur of Bhávnagar in memory of his late wife, is placed in the centre of the wall of the Bombay Court. The detail of the perforated window was elaborated by Ranmal Lira of the Bombay School, and the carving executed by Valla Hira, a former student, and now head *mistri* to the Bhávnagar State. A water-colour drawing by Mr. Griffiths shows the picturesque surroundings of the building, which is being erected under the superintendence of Mr. R. Proctor Sims, C.E., the State Engineer, Bhávnagar.

NANDI.—Sacred bull. The *Vahan* or vehicle of Shiva, by Vall Hira, in Sicilian marble. Lent by His Highness the Thákur of Bhávnagar.

KÁCHHAMO.—Turtle. An emblem placed below the bell in a Shivite temple, by Valla Hira in Sicilian marble. Lent by His Highness the Thákur of Bhávnagar.

MAHISHÁSUR MATHANI.—Maker, Daysárám Motirám of Baroda. Price Rs. 50. *For sale.*

CLASS XXXII.—CARPETS, HANGINGS, TAPESTRY, FURNITURE STUFFS, MATTING, PAPER-HANGINGS.

CARPETS.

Carpets are manufactured only in the jails of the Presidency, such as the Yerrowda Jail near Poona, Thána, and Karáchi. Specimens are shown from the first and last named jails. Those from the Yerrowda Jail are copied from some old Persian carpets discovered in the Asár Mahál, Bijápur. Two of these are purchased and two are for sale. *Satranjis* or *darris* (cotton carpets) are made at Dhárwár, Belgaum, Ahmednagar, Kaládji, and some of the jails. A few examples are shown.

TWO WOOLLEN CARPETS.—(14′ × 10½′ and 15′ × 10½′ respectively). Makers, prisoners in the Yerrowda Jail, Poona. Prices Rs. 223 and Rs. 240 respectively. *Not for sale.*

TWO WOOLLEN CARPETS.—(21′ × 16′ and 7′ 9″ × 11′ 9″ respectively). Makers, prisoners in the Yerrowda Jail, Poona. Prices Rs. 530 and 160 respectively. *For sale.*

GÁLICHA.—Woollen carpet from Karáchi, Sind. Price Rs. 25. *Not for sale.*

SATRANJI DURRI.—Cotton carpet. Maker, Náthe Sáheb *wallad* Hasain Sáheb of Navalgund, Dhárwar. Price Rs. 20. *Not for sale.*

SATRANJI, DURRI.—Cotton carpet from Kaládgi. Price Rs. 12. *Not for sale.*

CLASS XXXIV.—GOLD AND SILVER WORK.

There is perhaps no country in the world in which gold and silver ornaments are so much in use for personal adornment as India. Every village has its own *sonis* or *sonárs*, who are goldsmiths as well as silversmiths, and every family, no matter how poor, has its ornaments for the female members of the household; and rather than allow them to go without what is considered to be the essential ornaments which custom has prescribed, money is borrowed at ruinous interest, even by those of the higher classes, for the purchase of these articles of adornment.

Besides these ornaments are the silver vessels in use among the wealthier class of natives, and the vases, cups, tea-services, &c., in *repoussé* work for the European market. These were formerly made only in Katch, but now they can be had in Bombay, Poona, Ahmedábád, and Ahmednagar, where Katch silversmiths are employed. Owing to the increased demand for silverwork, its artistic qualities have deteriorated in proportion. Specimens are exhibited by the Darbár from Katch, by Messrs. Cursetji and Sons of Ahmednagar, and by Mr. Terry of Bombay, who has in his employ an excellent Katch workman named Trikamji. From Aden is shown a collection of silver ornaments worn by Arab and Somáli women, deserving of special notice. The work is massive, the execution large and bold in treatment. The belt with bells, the necklace in which large amber beads are introduced, and the armlets and bangles, are splendid specimens of barbaric treatment. The character of the ornament is a curious blending of Indian and Arabic.

In Katch there are about 3,500 *sonis*, or gold and silversmiths, distributed over the province. The say that they were once *vánis*, and state that about a thousand years ago they took to working in gold, and therefore came to be called *sonis* from *sone*, gold. One section among them, called *patni sonis*, claim to be Songadh Rajputs, who at the advice of Sidh-Ráj Jayasing (1094-1143) became goldsmiths, and are called *Patnis*, from having come down from Pattan in Gujráth. *Kansára sonis*, another sect, claim to have once been Kshatriyás, or warriors, and that at a certain time of adversity they took to this calling at the suggestion of their goddess Mahákáli. The third sect, *Vania sonis*, came to Katch from Bhinmal or Shrimal through Gujráth about two hundred years ago. *Márvádi sonis* now found in Katch came there from Márvád about 250 years ago. A few workmen have capital enough to buy gold and silver on their own account, but usually they are the paid servants of the Vania, Bhátia, and Khoja merchants. Some buy worn-out ornaments, which are again worked into new articles. As a general rule in Katch gold and silver is supplied by the customer and handed over to the *sonis* for being worked into ornaments, the latter being paid at As. 4 to Rs. 2 for each *tola* of gold, and As. 1 to 8 for each *tola* of silver. Each section or caste has its own guild or *jamát*, with an alderman, a code of rules, and a fund, which is managed by the alderman and the committee (*panch*) for the purpose of defraying expenses in connection with marriage ceremonies, for the hire of vessels used at feasts, and for the payment of fines. The total outturn of silverware for European use is said to amount to Rs. 5,000 to Rs. 8,000 a year, while the outturn of gold and silver ornaments for native use is as much as 4 to 5 lakhs of rupees a year.

Referring to Aden, the First Assistant Political Resident reports that besides the jewelry and goldsmith's work—the only description of work of which it was considered worth while to forward specimens to the Exhibition—the various handicrafts pursued by the residents in Aden are of the most ordinary description. There are about 79 (Census, 1881) persons working as gold or silversmiths, They are mostly Jews.

The following samples are purchased in BOMBAY from a Gujráth soni. Rámji Bhagwán, who works with about twenty to twenty-five silversmiths, and sells ready-made sets of silver ornaments for the use of Hindus.

LANGAR.—Worn by young girls. Price Rs. 50 *Not for sale.*

ATHÁSIO GAHU.—Worn by Gujráth women of all sects. Price Rs 40. *Not for sale.*

KADOLI.—Worn by Bhátia and Lohár girls, occasionally Bania girls. Price Rs. 50. *Not for sale.*

ATHÁSIO BÁJRI.—Worn by Gujráth women of all sects, and Khoja and Meman women. Price Rs. 54. *Not for sale.*

LANGAR.—Worn by Gujráth women of all sects, and by Khoja women. Price Rs. 39. *Not for sale.*

JHÁNJRI.—Worn by Hindu children Price Rs. 6 to Rs. 9-8. *Not for sale.*

GANTHAN GHUGRA.—Worn by Gujráth boys of all sects. Price Rs. 22. *Not for sale.*

KHOTHÁRU.—Worn by Kachhi (from Katch) boys and girls. Price Rs. 16. *Not for sale.*

KARDA.—Worn by Bania and Bhátia women and girls. Price Rs. 4. *Not for sale.*

KARDI.—Worn by Bania and Bhátia women and girls. Price Re. 1-4. *Not for sale.*

JODVA.—Worn by Dakshani (*Dekkan*) women. Price Rs. 2-12. *Not for sale.*

JODVA.—Worn by Gujráth women of all sects. Price Re. 1-8. *Not for sale.*

KARDA.—Worn by Gujráth women of all sects. Price Rs. 4-12 to Rs. 7-8. *Not for sale.*

The following sample of silver ornaments worn by Arab and Somali women have been obtained from ADEN.

BARIM, *Arab.*—Waistbelt. A broad silver belt made of a succession of squares, stamped with designs, 2½ to 3 inches wide. On the lower side a number of bells in groups are suspended by chains. Price Rs. 134-4. *Not for sale.*

HARZ, *Arab.*—Necklace. A flat amulet of oblong shape, usually containing verses of the Korán, worn suspended round the neck by a chain, hanging as low as centre of breast. Price Rs. 19-6. *Not for sale.*

MURIAH, *Arab.*—A necklace of beads, hexagonal or round, wreathed in silk, and worn round the neck. Price Rs. 6. *Not for sale.*

HILÁK, *Arab.*—Earring. Worn in the upper or the lower lobe of the ear. Price Rs. 4. *Not for sale.*

SILSILAH, *Arab.*—Necklet. Plain silver cable, worn (round the neck, hanging half-way down the breast. Price Rs. 13. *Not for sale.*

HANSHAH, *Arab.* Armlet. Consisting of six oblong lockets of silver threaded through rings attached to the upper side by a silver chain. Price Rs. 32-8. *Not for sale.*

ADAÁD, *Arab.*—Armlet. Hollow circular armlet, with overlapping ends, terminating in various shaped pendants. Price Rs. 52. *Not for sale.*

BAZWÁNDI, *Arab.*—Silver bangles, ½ inch thick, having various shaped silver hollow pendants suspended in groups of three and one alternately. Price Rs. 80. *Not for sale.*

HADÁNID, *Arab.*—Hollow circular armlet with designs stamped and a projecting knob. Price Rs. 37. *Not for sale.*

AWÁK, *Arab.*—Silver bracelet usually solid, cut hexagonally with ornamental knobs. Price Rs. 39-4. *Not for sale.*

KUBAIT, *Somáli.*—Earrings. Silver bars with a ring at one end and stud at the other, worn in upper part of the ear. Price Rs. 2-6. *Not for sale.*

HÁLKADAYA SILSILAH, *Somáli.*—Earrings resembling signet rings, worn in lower lobes of both ears, a double silver curb chain connecting them round the neck, the loose loops of chain hanging over shoulders in front. Price Rs. 13-8. *Not for sale.*

GILBAH, *Somáli.*—Crescent-shaped necklace studded with circular bosses and stamped with designs having pendants in groups of three; from centre hangs a large pendant; a row of amber runs along the top of the crescent, which is suspended from the neck by a necklace of double rows of beads and rough lumps of amber, among which are placed four balls, called "*lozah.*" Price Rs. 65. *Not for sale.*

ZANUD, *Somáli.*—Hollow circular armlet. Price Rs. 25-2. *Not for sale.*

WAKUF, *Somáli.*—Broad bracelet resembling four flat bangles joined together, stamped with design. Price Rs. 35 14. *Not for sale.*

The following imitation ornaments have been procured from POONA.
The originals are made of gold and silver, while these are of brass.

MUD.—Head-ornament. Price Rs. 2. *Not for sale.*
CHANDRAKOR.—Head-ornament. Price Re. 1-4. *Not for sale.*
PHUL.—Head-ornaments. Price As. 12 to Rs. 2. *Not for sale.*
KETAK.—Head-ornament. Price Re. 1-4. *Not for sale*
KÁP.—Earrings. Price Rs. 5. *Not for sale.*
TONGALE.—Earrings. Price Rs. 2. *Not for sale.*
BUGDYA.—Earrings. Price Rs. 2. *Not for sale.*
PÁNBALIA.—Earrings. Price Rs. 2. *Not for sale.*
BÁLYA.—Earrings. Price Re. 1. *Not for sale.*
NATH.—Nose-ring. Price Rs. 2-8. *Not for sale.*
CHUNPATTI.—Necklace. Price Rs. 5. *Not for sale.*
MOTYÁCHE PENDE.—Necklace. Price Rs. 6-8.—*Not for sale.*
VAJRATIK.—Necklace. Price Rs. 2. *Not for sale.*
KANTHA.—Necklace. Price Rs. 5. *Not for sale.*
POT.—Necklace. Price Re. 1. *Not for sale.*
TÁNDALI PÓT.—Necklace. Price Rs. 4. *Not for sale.*
THUSI.—Necklace. Price Rs. 7-8. *Not for sale.*
SARI.—Necklace. Price Rs. 3 and Rs. 4. *Not for sale.*
CHÁPEKALI MALA.—Necklace. Price Rs. 6. *Not for sale*
HARPAR-REVDI MALA.—Necklace. Price Rs. 7. *Not for sale.*
VELA.—Armlet. Price Rs. 5. *Not for sale.*
TULBANDI.—Armlet. Price Rs. 4-8. *Not for sale.*
BAJUBAND.—Armlet. Price Rs. 3. *Not for sale.*
PÁTALIAS.—Wristlets (pātalias). Price Re. 1. *Not for sale.*
GÖT.—Price Rs. 2. *Not for sale.*
BÁNGDYA.—Bangles. Price Rs. 3-8. *Not for sale.*
TODHE.—Chains for the wrists. Price Rs. 4. *Not for sale.*
GAJRE.—Armlets. Price Rs. 2. *Not for sale.*
KANKNE.—Armlets. Price Rs. 12. *Not for sale.*
ANGTHI.—Ring. Price As. 8. *Not for sale.*
SALLE.—Rings. Price As. 8. *Not for sale.*
MOHORECHI ÁNGTHI.—Ring. Price As. 12. *Not for sale.*
KHADYACHYA ÁNGTHYA.—Rings. Price As. 8. *Not for sale.*
KAMARPATTA.—Price Rs. 2. *Not for sale.*
VÁLA.—Anklets. Price Rs. 4. *Not for sale.*
TODHE.—Chains for the ankles. Price Rs. 8. *Not for sale.*
PAINJAN.—Price Rs. 7. *Not for sale.*
RANAJODVI.—Toe-rings. Price Re. 1-8. *Not for sale.*
JODVI.—Toe-rings. Price Re. 1-8. *Not for sale.*
PHULE.—Toe-rings. Price Re. 1-8. *Not for sale.*
GEND.—Toe-rings. Price Re. 1. *Not for sale.*
MASOLIA.—Toe-rings. Price Re. 1. *Not for sale.*
CHANDRAHÁR.—Necklace. Price Rs. 8. *Not for sale.*
CHANDRAKOR.—One gold ornament from SÁVANTVÁDI. Maker, Jairám Rámchandra Set, sonár. Price Rs. 36-8. *Not for sale.*

DHARWAR contributes three samples under this heading.

SONYÁCHI-DABI.—Gold locket. Maker, Rámápa Morabkar of Dhárwar. Price Rs. 75. *Not for sale.*
RUPYÁCHI-DABI.—Silver locket. Maker, Gopálapa Mudkapa Garag of Dhárwar. Price Rs. 14. *Not for sale.*
RUPYÁCHA-CHÁKU.—Silver knife. Maker, Gopálapa Mudkapa Garag of Dhárwar. Price Rs. 10. *Not for sale.*
TABAK, *Mar.*—Used as a plate in which ingredients of *pán-supári* are arranged before being distributed. For ordinary purposes a brass *tabak* is used. A silver one is used only on special occasions, when strangers are invited to partake of *pán-supári*. Price Rs. 50-6. Purchased. Maker, Gangárám Dullabh, Nasik.

ATTARDÁNI, *Hind., Mar.*—Purchased. Maker, Gangárám Dullabh, of Nasik. Price Rs. 18-2.

KATCH *sends a large collection of silverware for sale*:—

THREE PYÁLAS.—Goblet. Made at Bhuj by Omersing Máwji. Price Rs. 93-13-6. *For sale.*
Goblet. Made at Bhuj by Omersing Máwji. Price Rs. 93-13-6. *For sale.*
Claret-jug. Made at Bhuj by Omersing Máwji. Price Rs. 198-3. *For sale.*
RÁKABI.—Card-tray. Made at Bhuj by Omersing Máwji. Price Rs. 37-10. *For sale.*
TAMBÁKHU PETI.—Tobacco-box. Made at Bhuj by Omersing Máwji. Price Rs. 35-7. *For sale.*
PAUCHI.—Bracelet. Made at Bhuj by Omersing Máwji. Price Rs. 18. *For sale.*
PAUCHI.—Bracelet. Made at Bhuj by Omersing Máwji. Price Rs. 15. *For sale.*
TEA-SET.—Tea-pot, milk-jug, and sugar-basin, by Omersing Máwji, Bhuj. Price Rs. 282-13-6. *For sale.*
TEA-SET.—Coffee-pot, tea-pot, sugar-basin, and milk-jug. Made at Bhuj by Omersing Máwji. Price Rs. 394-10. *For sale.*
PYÁLA RAKÁBI, CHAMCHA.—*Three sets.*
1 cup, 1 saucer, 1 tea-spoon. Made at Bhuj by Omersing Máwji. Price Rs. 64-3. *For sale.*
GULÁBDÁNI.—Essence-holder. Made at Bhuj by Omersing Máwji. Price Rs. 50-1-6. *For sale.*
ATTARDÁNI.—Essence-holder. Made at Bhuj by Omersing Máwji. Price Rs. 61-10. *For sale.*
GOLD BROOCH.—Maker, Omersing Máwji, Bhuj. Price Rs. 28-2-6. *For sale.*
CENTRE PIECES.—Maker, Omersing Máwji, Bhuj. Price Rs. 355-4. *For sale.*
FLOWER-HOLDERS.—Maker, Jarádi Davekur Kanji, Bhuj. Price Rs. 10-8 to Rs. 11-2-6. *For sale.*
TOBACCO-BOX.—Maker, Jarádi Davekur Kanji, Bhuj. Price Rs. 15-15-6. *For sale.*
CIGAR-CASE.—Maker, Jarádi Davekur Kanji, Bhuj. Price Rs. 16-1-3. *For sale.*
NAPKIN-RINGS.—Maker, Jarádi, Davekur Kanji, Bhuj. Price Rs. 4-9-6 each. *For sale.*
GOLD LOCKET.—Maker, Jarádi, Davekur Kanji, Bhuj. Price Rs. 28-9. *For sale.*
GOLD LOCKET.—Maker, Harji Ratanji, Bhuj. Price Rs 28-8. *For sale.*
GOLD SLEEVE LINK.—Maker, Harji Ratanji, Bhuj. Price Rs. 13-13. *For sale.*
TEA-SET.—One coffee-pot, one milk-jug, sugar-basin, and one tea-pot. Maker, Shámji Mukonji, made at Bhuj. Price Rs. 309-8. *For sale.*
TABLE SET.—Maker, Shámji Mukonji, Bhuj. Price Rs. 1,215-6. *For sale.*
SALVERS.—Maker, Shámji Mukonji, Bhuj. Price Rs. 161-10 and Rs. 211-7-6. *For sale.*
BELT.—Maker, Shámji Mukonji, Bhuj. Price Rs. 100. *For sale.*
BISCUIT-TRAY.—Maker, Davkan Kansára, Bhuj. Price Rs. 316. *For sale.*
GULÁBDÁNI.—Essence-holder. Maker, Jetha Dosa, Bhuj. Price Rs. 56-14. *For sale.*
CARDT-RAYS.—Maker, Bhuwan Mowji, Bhuj. Price Rs. 29 each. *For sale.*
LOCKETS.—Maker, Bhuwan Mowji, Bhuj. Price Rs. 5 each. *For sale.*
ATTARDANI.—Enamelled essence-holder. Exhibited by the Kotch Council of Administration. Price Rs. 90. *For sale.*
BROOCH.—Enamelled. Exhibited by the Katch Council of Administration Price Rs. 40. *For sale.*

Mr. Bhimrav Ramrav of BELGAUM sends the following gold ornaments for sale:—

NÁG PHUL.—Gold head-ornament, weighing *tolas* 2 $\frac{1}{16}$. Price Rs. 48.

PHUL.—Gold head-ornament, weighing *tolas* 1 $\frac{14}{16}$. Price Rs. 18-8.

PHUL.—Gold head-ornament, weighing *tolas* 1 $\frac{1}{10}$. Price Rs. 15.

FIVE DHARWAR WARAH—Price Rs. 22-8.
FOUR NEW AREKI WARAH—Price Rs. 20.
CASTING-RING.—Made of six images. Price Rs. 11.
PAUCHIS.—Ornament for the wrist, made up of two images. Price Rs. 11.

From Ahmadnagar.

Messrs. Cursetjee and Sons of AHMADNAGAR sent a large collection of silver articles for sale.

Messrs. Jaffer Suleman & Co. of BOMBAY send the following articles:—

TEA-SET.—Katch work, weighing 254½ *tolas*, containing four pieces—coffee-pot, tea-pot, sugar-basin, and milk-jug. Price Rs. 509. *For sale.*
COFFEE-POT.—Katch work, weighing 74¾ *tolas* at Rs. 2 per tola. Price Rs. 149-8. *For sale.*
FIVE CUPS.—Katch work, 54$\frac{6}{16}$, 52¾, 32½, 32¾, 32¾ = 205⅛ *tolas*. Price Rs. 410-2. *For sale.*
CLARET-JUG.—Katch work, weighing 93 tolas. Price Rs. 186. *For sale.*
TWO MUGS.—Katch work with covers, weighing 33⅜, 34⅜ = 67¾ *tolas*. Price Rs. 135-8. *For sale.*
AG-DÁN.—Katch work, weighing 32 *tolas*. Price Rs. 64. *For sale.*
TWO TUMBLERS.—Katch work, weighing 20¼, 18¾ = 39 *tolas*. Price Rs. 78. *For sale.*
"WAIT."—Katch work, weighing 90¼ *tolas*. Price Rs. 180-8. *For sale.*
TWO SALVERS.—Katch work, weighing 37¾, 45½ = 83¼ *tolas*. Price Rs. 186-8. *For sale.*
EGG-STAND.—Katch work. Has four cups and spoons, weighing 100 *tolas*. Price Rs. 200. *For sale.*
COLLECTION OF GOLD AND SILVER ARTICLES.—Lent by His Highness the Mahárájá of Baroda. *Not for sale.*
JAMBIÁNU MYÁN.—Gold scabbard. Maker, Vasta Velora of Dhoraji. Lent by the Gondal Darbar, Káthiáwár.
CHÁNDLA.—Gold enamelled spangles. Maker Lálbhái Purshottam of Surat. Price Rs. 7-8 for the set. *Not for sale.*
PÁNDADI (*One pair*).—Gold enamelled pendants for necklace, &c. Maker Lálbhái Purushottam of Surat. Price Rs. 6. *Not for sale.*
TEA-POT.—Maker, Maganbhái Hattising of Ahmedábád. Price Rs. 160. *For sale.*
SILVER KETTLE.—Presented by His Highness Mir Alli Murád Khán Tálpur, of Khairpur. Price Rs. 150. *Not for sale.*
SILVER CUP, WITH COVERS AND SAUCER.—Presented by His Highness Mir Alli Murád Khán Tálpur, of Khairpur. Price Rs. 58. *Not for sale.*
TWO SILVER MUFFINEERS.—Pierced and enamelled. Presented by His Highness Alli Murád Khán Tálpur, of Khairpur. Price Rs. 28 *Not for sale.*
ATTARDÁNS.—Enamelled with gold. Presented by His Highness Alli Murád Khán Tálpur, of Khairpur. Price Rs. 30. *Not for sale.*
COLLECTION OF SILVERWARE.—Sent by the Central Committee, Baroda. Prices given on each specimen. *For sale.*
OSTRICH EGG.—Mounted in silver. Exhibited by Mr. G. W. Terry, Bombay. Maker, Trikamji Dámji. *For sale.* Price Rs. 150.
FOUR EMU'S EGGS.—Mounted in silver. Exhibited by Mr. G. W. Terry. Maker, Trikamji Dámji. *For sale.* Price Rs. 95 each.

CLASS XXXV.—TOYS.

COLLECTION OF TOYS (*carved in stone*).—Lent by the Dhrángdra Darbar, Káthiáwár. Makers, Mahádev, Madhu, Jagjiran, and Premchand.
FOUR TOYS MADE OF BEADS.—Lent by the Gondal Darbar. Maker, Nathubhái.
A SPARROW.—Exhibited by the Baroda Central Committee. Maker, Manilál Jetháchand. Price Re. 1. *For sale.*
TWO ELEPHANTS.—Exhibited by the Baroda Central Committee. Maker, Khemchand Chaturbhuj. Price Rs. 7 each. *For sale.*
ELEPHANT FIGHT.—Exhibited by the Central Committee, Baroda. Maker, Khemchand Chaturbhuj. Price Rs. 7. *For sale.*
COLLECTION OF TOYS, LACQUERED FRUIT, AND VEGETABLES.—Lent by His Highness the Thákur Sáheb of Bhávnagar, Káthiáwár. Maker, Dungar Jiva.
14 SPECIMENS OF SURAT TOYS.—Makers, Framji Pestonji Bhamgára, Mulchand Káshirám, Rájárám Dullabhram, and Sorábji Pestonji.—*Not for sale.*—
235 TOYS, CONSISTING OF IMITATION FRUITS.—Lent by His Highness the Mahárájá of Baroda.
COLLECTION OF GOKÁK TOYS.—From the Belgaum district, consisting of imitation fruits and figures of animals, Hindu gods, &c.—*Not for sale.*
COLLECTION OF TOYS.—Lent by the Gondal Darbar, Káthiáwár.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASS XXXVIII.—COTTON FABRICS.

As the Hindus clothe themselves nearly entirely with cotton fabrics, a very extensive industry is carried on throughout the presidency in manufacturing the several articles of dress worn both by males and females, the principal being *sádis* or women's garments, *khans*, or bodice pieces, turbans, and *dhutis* or waist-cloths for men. Ahmedábád is noted for *sádis* and *dhutis*, Yeola for *sádis* and turbans, Sholápur and Ahmednagar for *sádis* and *khans*, and Karáchi for *lungis* (scarves), *susis* (striped fabrics), and *sarpos* (bed-covers).

Hand-spinning is almost an extinct industry. With the exception of a few Mahárs in the Dekkan, who spin a very coarse yarn, nearly all the weavers of cotton fabrics obtain their material from the Bombay mills or from Europe. Cotton fabrics are decorated in two ways—(1) by weaving the designs in the piece, and (2) by hand-printing in one or more colours by means of wooden blocks. Several specimens of both methods are exhibited. Cotton-printing is principally carried on at Ahmedábád, Kaira, Baroda, Broach, Malegaon, Katch, and some of the States of Káthiáwar, where *sádis kholios* (covering for *razais*) and *jájams* are made. The printing of the former is on fine calico, while that of the latter is on a coarser material, resembling canvas (*dangri*), which readily receives the dyes. Three very good specimens were exhibited on the ceiling of the Court; the one immediately over the Baroda doorway from Limadi near Ahmedábád, that in the middle bay from Broach, and the third was sent by the Katch Darbar and is admirable both in design and color. *Jájams* occupy in the native house the same place as the carpet does in that of the European. They are well adapted for ceiling decoration, and are now being introduced for that purpose.

At Ahmedábád about 400 Kanabis, 200 Musalmans, and 300 Khatris are employed in weaving *sádis* and *dhutis*, and there are about 100 shops in which *sádis* are sold and about 150 for the sale of *dhutis*. English yarn numbered 40, 50, and 60 is in use. About a lakh and a half worth of *dhutis* are manufactured in one year.

At Yeola there are about 900 looms for *sádis* and 2,000 for turbans. The *sádis* are woven by the Khatris and Maráthás, while the turbans by Momins, a sect of Musalmans who migrated from Upper India.

At Kaira 400 Hindu and 150 Mussulman houses are employed in cotton-printing. The printing is remarkably well done, clear, and not blurred, and is superior to that of either Ahmedábád or Broach. Bhagvándás Náráyanji. a Khatri, a fine-looking man of about 60, designs and cuts all the blocks in use.

TEN CHHIDRIS.—Printed *sádis* for women. Makers, Mohokan Lallu and Dongarsi Talapchand of Ahmedábád. Price for the lot Rs. 14-5.

JÁJAM.—Printed cotton carpet from Broach. Maker, Ibrahim Ahmed. Price Rs. 30. *Not for sale.*

JÁJAM.—Printed cotton carpet. Maker, Avda Karsan. Lent by His Highness the Thakur Sáheb of Bhávnagar, Káthiáwár.

JÁJAM.—Printed cotton carpet. Lent by the Limdi Darbar. Price Rs. 9.

JÁJAM.—Lent by the Kutch Darbar. Price Rs. 10.

KHOLIO.—Lent by the Limdi Darbar. Price Rs. 3.

TWO PHADKIS.—Printed cotton garments worn by Hindu women of the lower classes. Purchased at Málegaum, Násik. Price As. 14.

From Kaira.

COLLECTION OF 41 CHHIDRIS.—Printed *sádis.* Makers, Shaje Kamál, Ali Jamál, Fatebhái Bullakhi, Hiráchand, and Bechardás. Prices ranging from As. 11 to Re. 1-14-9 each. *Not for sale.*

FIVE SHELUS.—Printed scarves. Maker, Bulákhi Parbhudas. Price Re. 1-4 to Re. 1-5 each. *Not for sale.*

TWO KHANDS.—Bodice-pieces. Maker, Bechardás Lálmohan. Price Re. 1-8. *Not for sale.*

TWO TURBANS.—Maker, Bechardas Lálmohan. Price As. 8 each. *Not for sale.*

TEN SÁDIS.—Women's garments. Presented by Colonel Charles Wodehouse, Political Agent, Mahi Kánta. Price Re. 1 each. *Not for sale.*

These *sádis* are made by the Bháwsár community of Petháput, a town in the Mahi Kanta, situated about 10 miles from Sádra. They are favourites with the females of Siam, and about three lakhs are exported from Petháput to that province annually. A large number is also sold by retail in Gujrat villages.

TWO KHÁRVÁS.—Red cloth. Maker, Haribhai Horaki, of Kotlad, in Kápadvanj subdivision, Kaira. Price Re. 1-4 each. *Not for sale.*

TWO KHOLIOS.—Printed sheets for *rajai* (bed-covers). Maker, Virchand Jerám of Kollad, in Kapadvanj subdivision, Kaira. Price Rs. 3 each. *Not for sale.*

AJRAK.—A printed counterpane. From Karáchi. Price Rs. 4. *Not for sale.*

SEVEN KHANS.—Bodice-pieces of cotton with designs printed in putty. Maker, Laháni Bái of Nasik. Price Rs. 16-3 for the set. *Not for sale.*

THREE SAMPLES OF PUTTY-PRINTING FROM ADHOI.—Clothes of this description are worn by Wázirs and other tribes of Katch and Káthiáwár. Lent by the Morvi Darbár. Price Rs. 6-5-4 each.

TWO TABLE CLOTHS.—Cotton printed with gold and silver leaf. Maker, Nurbhái Amirbhái of Ahmedabad. Prices Rs. 10 and Rs. 46-4 respectively. *Not for sale.*

FIVE SUSIS—At Re. 1-9 each, from Belgaum. *Not for sale.*

FOUR SAMPLES OF TARTAN.—Locally called '*tátin.*' By Gulám Mohomed Mustafa, Broach. Price As. 3 per yard. *Not for sale.*

PATKA.—By Gulam Mohomed Mustafa, Broach. Price Re. 1. *Not for sale.*

LUNGI.—Cotton Sash. From Ruatta, Karachi Sind. Price Rs. 3-3. *Not for sale.*

TEN SUSIS.—Trowser cloth of cotton. Presented by H. H. Mir Ali Murád Khán Tálpur, of Khairpur. Price Rs. 25. *Not for sale.*

CLASS XL.—SILK FABRICS.

Silk fabrics, either plain or mixed with gold thread, are chiefly woven at Yeola, Poona, Ahmedabad, and Surat, and silk fabrics without any admixture of gold are woven at Thana, Saswad, Belgaum, Revadanda in Kolaba, and Sholapur, each containing only a few looms.

Sádis or dresses for women, and *pitámbars* or sacred dresses for men, are the chief articles of trade. Sádis are cut into pieces 24 to 30 inches long and sold as bodice-pieces or *khans.*

The silk manufacture of Yeola is one of the most important of Násik industries, and is estimated to support 4,000 families. *Paithanis* (female silk garbs), *pitámbars* (silk cloths or sacred cloths for males and females), *lugdis* (silk *sádis*), *dupettas* (female scarves), and *khans* (bodice-pieces), from Yeola are in considerable demand among the higher classes of natives, not only only among the wealthy, who daily wear these fabrics, but also among those who appear in them only on festive occasions. The establishment of the industry at Yeola, which now contains about 925 looms, dates from the beginning of the eighteenth century (1115H.), when one Raghoji Naik, a relative of the present Patel, by the promise of a monopoly, induced a certain Shámdás Válji, a Gujrat Vánia, to bring silk-weavers to settle at Yeola. The monopoly was continued by the Peshwa's Government, and newcomers could not start silk-looms in Yeola except by paying the original settlers a fee of Rs. 350. Of this amount Re. 1-4 went to the Kázi, Rs. 22-8 to the Peshwa's Government, and the remainder to the Gujrathi silk-weavers for a caste dinner. Under the British rule the monopoly was at first respected. In 1837 the petition of a Pardeshi, named Bápu, for leave to open reeling and spinning machines in Yeola was rejected by the Assistant Collector, and his decision was, on appeal, upheld by the Collector. A further appeal to the Revenue Commissioner was more successful, and in September 1845 Bápu gained leave to set up a machine in Yeola. On the 26th of January 1848 the Gujráthis filed a suit in the Civil Court for damages. The point was decided in their favour, but on appeal the High Court upset the decision (24th June 1864) and put an end to the monopoly. Since that time many classes of outsiders have taken to silk-weaving, and now there are 250 Khatris, 300 Koshtis, 200 Sális, and 25 Musalmans.

All the silk used at Yeola is imported in the raw state. It is received from three places,—China, Bengal, and Persia through Bombay. For trade purposes the workmen divide it into the following six classes:—

(1) *Aval* (China, a variety of), at Rs. 17 a *sher* of 80 tolas.
(2) Two varieties, *duem* and *lankin,* at Rs. 16-8 a *sher.*
(3) *Sim,* at Rs. 16 a *sher.*
(4) Two varieties, *sot* and *sálbáphi,* at Rs. 12 a *sher.*
(5) Two varieties, *charám* and *bának,* at Rs. 8 a *sher.*
(6) Two varieties, *shikárpuri,* worth Rs. 4 a *sher,* and *pamjam,* at Rs. 2-8 a *sher.*

The dealers, who are men of means with capital ranging from Rs. 5,000 to Rs. 4,00,000, make raw silk over to the twister or *rahátkari,* also called reeler, in whose establishment it is sorted, reeled, and twisted. Silk in the twisted state is called *sheria.* It is then handed over to the dyer (*rangári*). Finally it goes to the weaver, (*mágvála*), by whom it is warped, sized, and woven.

The patterns in these fabrics are mostly taken from their resemblance to certain objects in nature and of daily use, such as *katári,* from the dagger of that name; *bugdi,* from the gold ornament with pearls worn by women in the ear.

At Poona there is a large silk-weaving industry, which has to a great extent competed successfully with Yeola. Four or five hundred looms are at work; of these nearly two-thirds are owned by Musalmans and the rest by Hindus. Among the Musalmans there are two subdivisions,—Momins and Jhulahás,—and among the Hindus there are three,—Khatris, Koshtis, and Sális. They live mostly in

the Junáganj Peth, now known as Mominpura. The Musalman silk-weavers of Poona originally belonged to Dekkan Hydrábád, Dhárwár, Náráyan Peth, and Gul Makal. They migrated to Poona about two to five generations ago. As a class all the silk-weavers of Poona are mild, hard-working, and sober; the Hindus are, however, more thrifty than the Musalmans. They have to borrow from the silk-dealers of the city the amount required for buying silk yarn and gold thread, and when the fabric is ready they sell it on their own account, paying the amount borrowed to the creditors, who charge 3 per cent. on the proceeds.

The dyers of Poona are all Hindus; they have come from Paithan about four or five generations ago. These people invariably use aniline dyes, and this, together with the inferior and cheaper quality of the silk used, give the Poona silk-traders a decided advantage over the silk-traders of Yeola. Poona silks are sold to the local traders, who send them to Bombay. Demand for Poona silks is steadily on the increase.

Weavers are paid As. 8 to Re. 1-4 a yard for the fabric woven, according to the pattern. The weavers say that they earn about Rs. 15 to 25 a month each. Six *khans* or bodice-pieces are purchased at Poona to illustrate the patterns mostly in request.

At Tanna there are only twelve looms at present in the place of about 4,000, which have been noted by early travellers. A complete collection of the different designs and shades is purchased from C. D. Remedios for Rs. 110-8, who exhibits for sale thirty-three samples at As. 8 each.

LUGDE.—Two silk *sádis* from Belgaum. Price Rs. 55 and 65 respectively. *Not for sale.*

SÁDI.—From Yeola. Worn by native women of the higher classes. The border contains three designs as below:—

(*a*) Four stripes, called *gomi*, from its resemblance to the underside of a worm.
(*b*) *Katári*, from its resemblance to the blade of a *kátár*, a weapon.
(*c*) *Muthede*, from its resemblance to a row of first (*muth*).
(*d*) The ground is called *phutáni* and *chaukdi*, as there are squares (*chaukat*) resembling a grain of gram. Price Rs. 45. *Not for sale.*

KHAN.—With white ground and border woven without an intermixture of the white weft (*partiv*). The shuttle is turned back as soon as it reaches the inner side of the border, a separate shuttle containing red silk being used for the weft of the border. From the similarity of the flowers in the border to those of the *Rui calatropis gigantius*, it is called *Rui phuli*. It is also called *do gomi* (two *gomis*), from its resemblance to the rudimentary legs of a worm; *mutheddar* and *sadha*, from its ground being plain (*sadhi*.) Maker, Laxuman Vithoba, of Yeola. Price Rs. 4-8.

SÁDI.—Maker, Allibhai Tajbhái, of Surat. Price Rs. 25. *Not for sale.*

PÁCHHO.—Scarf. Maker, Keshavlál Kalyánbhai, of Surat. Price Rs. 5-8. *Not for sale.*

KHAN.—Bodice-piece. From Belgaum. Price Rs. 3-4. *Not for sale.*

KHAN.—Bodice-piece. From Kaládgi. Price Rs. 2-8. *Not for sale.*

COLLECTIONS OF SILKS.—Lent by His Highness the Jám Sáheb of Jámnagar, Káthiáwár.

ATLAS.—Ten samples of satin. Lent by the Porebandar Darbar. Makers, Tajpál, Shámdani, Murar Náthání, and Dungarsi Monji.

SILK KINKHÁBS.—Fifty-four samples. Maker, Allibhái Tajbhái, of Surat. Price Rs. 5 per yard. *Not for sale.*

SILK KINKHÁBS.—Two entire pieces. The design in one is called *shingado*, from its resemblance to the fruit of the *Trapa bispinosa*, and that in the other *khapedi, phul ne keri* (slanting lines, flowers, and mangoes). Price Rs. 20 each. *Not for sale.*

PÁNCH PATO.—Or the five-banded (each band in different colour) silk cloth, used for petticoats. Maker, Amritlál Magan Bandhára, of Ahmedábád. Price Rs. 2-14-9. *Not for sale.*

FOUR SILK BORDERS.—From Revadanda, Alibág, woven by the Khatris of that town. Price Rs. 2-13-4 for the set. *Not for sale.*

SILK FABRICS.—15 specimens of fabrics sent by the Baroda Darbar. *For sale.* Price marked on each.

BANDHANA OR KNOT-DYEING.

SÀDI.—With designs produced by knot-dyeing. Maker, Nur Mahomed Sulemán Price Rs. 100. *Not for sale.*

RUMÁLS (*a pair.*)—Two handkerchiefs with designs printed with blocks in imitation of the knot dyeing process. Maker, Nur Mahomed Sulemán. Price Rs. 4. *Not for sale.*

THREE RUMÁLS.—With designs produced by knot-dyeing. Maker, Nur Mahomed Sulemán. Price Rs. 27 each. *Not for sale.*

CLASS XLIII.—MIXED FABRICS.

There are six varieties of mixed fabrics—(1) cotton with silk, such as *dhutis sádis*, and *khans*; (2) cotton with gold thread, such as *shelás, shálus*, and *duppatas*; (3) silk and cotton (*garbhasuti*), where the warp is cotton and the weft silk, including *sádis* and *khans*; (4) silk and cotton in the body of the fabric with gold borders and ends (*garbhasuti jari kinár*), which also consists of *sádis* and *khans*; (5) silk fabrics with gold border (*reshmi jari kinár*), such as *pitámbars* and *paithanis*; and (6) silk and gold fabrics, in which gold is introduced in the body of the textile. This class includes *kinkháb, khand* and *bharjari* and *mandili sádis* and *khans* as well as borders and bands, such as *kor, kinár tás, lappo, pallav*, and *gota.*

Kinkháb is a thick silk fabric with gold designs worked into it. *Khands* differ from *kinkháb* in being very much thinner. In weaving *kinkháb*, six layers of fibres are required in the work, while in weaving *khand* only two layers are used.

Borders, *kors*, and *kinárs* are long strips of silk with different designs worked in gold into them, their breadth ranging from half an inch to six inches.

Phits are gold borders with silk for the warp only. *Lappo, pallav*, and *gota* are also woven with gold thread for the weft and silk for the warp. The former two are used as the ends of *sádis*, and the latter for decorating bodices, &c., in addition to the borders.

COTTON AND SILK WITH GOLD THREAD.

CHANDRAKALA.—Black *sádi* Maker, Rájárám Gausa, Yeola. Price Rs. 11-8 *Not for sale.*

LUGDE.—Jámbhali *sádi*. Purple. Maker, Rájárám Gausa, Yeola. Price Rs. 11-8 *Not for sale.*

LUGDE.—*Sádi*. The design is called *chaukati*, from the large squares into which it is worked. Maker, Trimbak Parshurám, Yeola. Price Rs. 17. *Not for sale.*

LUGDE.—*Sádi*. The colour is called *anjiri* (fig-like), and is produced by taking red yarn for the warp and green for the weft. Maker, Trimbak Parshurám Yeola. Price Rs. 18.—*Not for sale.*

LUGDE.—*Sádi*. The design is called *chanchani*, from the small squares worked into it. Maker, Bálá Malu Koshti, Yeola. Price Rs. 22. *Not for sale.*

THREE SAMPLES OF TURBAN CLOTHS – Maker, Nathubhái Shámlál, Yeola. Price Rs. 15, 35, and 50. *Not for sale.* The length of a turban ranges from forty to seventy-five yards.

CHANDRAKALA.—*Sádi.* With black ground from Kaládgi. Price Rs. 19. *Not for sale.*

THIRTEEN KHANS.—Bodice-pieces. Maker, Jamnadás Taráchand, Ahmedábád. Price for the lot Rs. 11-9-6. *Not for sale.*

NINETEEN SAMPLES OF DHUTIA.—Garments for men. By Kálidás Trikamdás, Ahmedábád. Price for the lot Rs. 12-8-6. *Not for sale.*
The length of a *dhuti* ranges from four to six yards.

The following collection of fabrics is lent by the Gondal Darbar Káthiáwár :—

EIGHT CHOFÁLS.—By Jiva Ismael Vali Mamand.
FOUR LUNGIS,—Sashes. By Jiva Ismael.
THERE SAMPLES OF CHEQUERED CLOTH.—By Jiva Ismael and Karson Kála.
TWO GHÁGARPÁRTS.—Female apparels. Maker, Jiva Ismael.
THREE PACHEDIS.—Garments. By Vali Adreman and Jiva Ismael.
THREE RUMÁLS.—Handkerchiefs. By Vali Adreman and Jaferji Náthábhai.
THREE SADLOS.—Female garments. By Moraji Devji.
FOUR LUGDÁS.—Female garments By Karson Kala.
TWO CHORSAS.—Female garments. By Jaferji Náthábhai.
TWO CHEDAS.—By Karson Kala.
TWO REJAS.—Cloths. By Jaferji Náthábhai.
TURBAN (PAGADI). By Jaferji Náthábhi.
COLLECTION OF FABRICS.—Lent by the Palanpur Darbár.

TWO PÁCHHEDIS.—Scarves. Worn by rich natives as scarves and kamarbands. Lent by His Highness the Jám Sáhib of Navánagar. Maker, Hansraj Purshottam. Prices Rs. 190 and 150 respectively.

DUPETTA.—Worn as a sash by rich natives on special occasions. Lent by His Highness the Jám Sáhib of Jámnagar, Káthiáwár. Maker, Nághori Ratansi Hari. Price Rs. 33.

MANDIL.—A turban worn by princes and rich people. Lent by His Highness the Jám Sáheb of Jámnagar, Káthiáwár. Maker, Ghella Topáni. Price Rs. 175.

ODHANI —A scarf worn by females. Lent by His Highness the Jám Sáheb of Jámnagar, Káthiáwár. Maker, Pankh Vir Godhidas. Price Rs. 100.

TWO RENTOS.—Scarves tied round the waist. Lent by His Highness the Jám Sáheb of Jámnagar, Káthiáwár. Maker, Thakar Dáma Dhiraji. Price Rs. 325 each.

KACHHO.—A waist-band twelve feet long and two broad, used by Arabs and Mukránis. Lent by His Highness the Jám Sáheb of Jamnagar, Káthiáwár. Maker, Garana Taib Abba, of Navánagar. Price Rs. 2-2.

DUPATTO.—The design on the border is called *leher* (zigzag). Maker, Punja Hira, of Ahmedábád. Price Rs. 32. *Not for sale.*

DHUTI.—A sash. The design is called *kashi keri* (mango design of Benares). Maker, Ghelábhái Táráchand, of Ahmedábád. Price Rs. 26. *Not for sale.*

SHALU.—A cotton *sádi* with gold design woven in the body of the fabric. Maker, Shaik Ahmedsha Ahmed, of Poona. Price Rs. 130. *Not for sale.*

FABRICS.—A collection exhibited by the Central Committee, Baroda. *For sale.*

NINE KHAISES.—Cotton quilts with silk borders. Presented by His Highness Mir Ali Murád Khán Tálpur, of Khairpur. Price Rs. 232. *Not for sale.*

TEN SUSIS.—Trowser cloth of cotton. Presented by His Highness Mir Ali Murád Khán Tálpur, of Khairpur. Price Rs. 25.—*Not for sale.*

FOUR CHADARS.—White cotton bed-covers with silk borders. Presented by His Highness Mir Ali Murád Khán Tálpur, of Khairpur. Price Rs. 112. *Not for sale.*

NINETEEN SAMPLES OF GANJIÁNI.—Maker, Jaichand Nathu of Ahmedábád. Price for the set Rs. 2-4-9. *Not for sale.*

SEVEN GARBH-SUTI KHANS.—Bodice-pieces, silk and cotton, from Belgaum. Price Rs. 18-11 for the set. *Not for sale.*

SIX GARBH-SUTI KHANS.—Bodice-pieces from Kaládgi. Price Rs. 6-12 for the set. *Not for sale.*

TWO LUGDAS, OR SÁDIS (*garbha-sudi, silk and cotton*).—From Kaládgi. Prices Rs. 30 and Rs. 25 respectively. *Not for sale.*

HIMRO.—Silk and cotton cloth. The design is called *tájo dáno ghumru* (golden bells). Price Rs. 8. *Not for sale.*

TWO PITÁMBARS.—Sacred cloths. Makers, Rupása Ganpatsa and Sitáram Monghása, Yeola. Prices Rs. 40 and Rs. 65. *Not for sale.*

SIX KHANS.—Bodice-pieces with different patterns. Makers, Lakshman Vithoba Bandu Gangárám, Bhiva Ráma, Sakharám Lakshuman, and Rupása Ganpatsa, Yeola. Price for the set Rs. 91-12. *Not for sale.*

PAITHANI.—Worn by females. This is a sample made to order to illustrate the pattern. A *paithani* is usually eight to nine yards long and costs Rs. 400 to Rs. 600, when made of this pattern. Maker, Nathubhai Shamlal, Yeola. Price Rs. 200. *Not for sale.*

SÁDI.—Silk fabric with gold border and ends. Maker, Keshavlál Kalyánbhái, Surat. Price Rs. 60. *Not for sale.*

SÁDI (*with gold borders*).—Maker, Sheik Ahmed Sha Ahmed, Poona. Price Rs. 50. *Not for sale.*
The value of *sádis* depends entirely upon the amount of gold introduced. The borders are increased according as the owner or purchaser is willing to pay for gold for the increased width.

SIX KHANS.—Bodice-pieces from Poona. Price Rs. 26-8 for the set. *Not for sale.*

LUNGI —Scarf. Maker, a Memon of Ruatta, Karachi, Sind. Price Rs. 37. *Not for sale.*

KINKHAB.

Kinkháb is manufactured at Ahmedábád and Surat. There are about seventy to seventy-five dealers in Ahmedábád, and nearly the same number at Surat. At Ahmedábád *kinkháb* with the woof either of gold or silver only is woven, while at Surat the variety with gold and silver thread, as well as that with silk alone, is manufactured. At Ahmedábád there are about 500 to 600 looms for weaving *kinkháb*, and at Surat about 900 to 1,000. The Ahmedábád weavers are mostly Kanabis, Khatris, Targála, Pinjára, Gola, Ghánchi, and Mochi. The Surat weavers of *kinkháb* are of Musalman, Hora, Gola, Khatri, Kanabi, Ghánchi, and Koli caste.

A list of the specimens of *kinkháb* and *khand* purchased for the Exhibition is given below. The samples are pieces intended to show the design and width of each of the varieties produced at AHMEDABAD and SURAT:—

KINKHÁB—The design is called *chasamphul.* Maker, Chunilál Phattechand. Price Rs. 3-4.

KINKHÁB.—Design *chasamphul*, gold on red ground. Maker, Chunilál Phattechand. Price Rs. 2-4.

KINKHÁB.—Pattern *mohor butti*, from its resemblance to the gold *mohar* coin. Price Rs. 2-8.

KINKHÁB—Pattern *champhul no velo.* Maker, Chunilál Phattechand. Price Rs. 2.

KINKHÁB—Pattern *keri*, from its resemblance to a mango. This variety with a border is used for petticoats only. Maker, Chunilál Phattechand Price Rs. 8.

KINKHÁB.—Pattern *keri velo.* Maker, Chunilál Phattechánd. Price Re. 1-4.

KINKHÁB.—Pattern *sitáphali kotho.* Maker, Chunilál Phattechand. Price Rs. 4 and Rs. 8.

KINKHÁB.—Pattern *borjáli*, from its resemblance to the *ber* fruit *(Zizyphus jujuba)*. Maker, Chunilál Phattechand. Price Re. 1-8.

KINKHÁB.—Pattern *káju phalio*, from its resemblance to the *káju (Anacardium occidentale)*. Price Rs. 2-4.

KINKHÁB.—Maker, Chunilál Phattechand. Design *mogrio*, from its resemblance to the jessamine flower *(Jasminum sambac)*. Price Rs. 4-8.

KINKHÁB.—Maker, Chunilál Phattechand. Design *mogrio*. Price Rs. 2-4.

KINKHÁB.—Maker, Chunilál Phattechand. Design *pánd no butto* or leaf ornamentation. Price Rs. 4.

KINKHÁB.—Maker, Jetha Phulchand. Design *chundadi*, minute squares. Price Rs. 5.

KINKHÁB.—Maker, Jetha Phulchand Design *leher* or zigzag. Price Re. 1-12.

KINKHÁB.—Maker, Jetha Phulchand. Design *badám velo*, the almond and creeper pattern. Price Rs. 3-2.

KINKHÁB.—Maker, Jetha Phulchand. Design *mohar*, from its resemblance to the gold coin of that name. Price Rs. 1-12 and Rs. 3.

KINKHÁB.—Maker, Jetha Phulchand. Design *kothedár* (literally fortified). Price Rs. 4-8.

KINKHÁB.—Maker, Jetha Phulchand. Design *keri*, or mango. Price Rs. 5.

KINKHÁB.—Maker, Jetha Phulchand. Design *pán kotha*. Price Rs. 2-12.

KINKHÁB.—Maker, Jetha Phulchand. Design *námni*, so called from the name of the person for whom it is made being worked into the design. In this piece the name of His Highness the Thákur Sáheb of Bhávnagar is worked in Gujráthi. Price Rs. 4.

KINKHÁB.—Maker, Jetha Phulchand. Design *zádno kotho* (literally tree fortification). Price Rs. 5-8.

KINKHÁB.—Maker, Jetha Phulchand. Design *phul kotho*. Price Rs. 6.

KINKHÁB.—Maker, Jetha Phulchand. Design *áthi pago*, or the footprints of an elephant.

RUMÁL OF KINKHÁB.—Maker, Chunilál Phattechand. Design *chasam phul*. Used for covering fruits, &c., when sent as presents. Price Rs. 35.

RUMÁL OF KINKHÁB.—Maker, Chunilál Phattechand. Designs on red ground.

GÁSHA OR SADDLE-CLOTH OF KINKHÁB.—Maker, Chunilál Phattechand. *Tárámandal*, or the string of stars. Price Rs. 75.

The following specimens of khand or bodice-pieces with gold and silver thread decorations are from AHMEDABAD :—

KHAND.—Design *phul velo* (the flowering creeper). Maker, Mansuk Dipchand. Price Rs. 9.

KHAND.—Design *goláb velo* (the creeping rose). Maker, Mansuk Dipchand. Price Rs. 9.

KHAND.—Design *pándáno butto*. Maker, Mansuk Dipchand.—Price Rs. 4.

KHAND.—Design *vel pándáno* (or decoration in leaf). Maker, Mansuk Dipchand. Price Rs. 8-8.

KHAND.—Design *bor veli korddr*. Maker, Mansuk Dipchand. Price Rs 8-8.

KHAND.—Design *chandi*. Maker, Mansuk Dipchand. Price Rs. 6-8.

KHAND.—Design *káju pátdána*, from the *káju-nut (Anacardium occidentale)* and seven dots.

KHAND.—Design *háthi*, or elephant. Maker, Mansuk Dipchand. Price Rs. 3-12.

KHAND.—Design on the border *báz* (the hawk) *ni kor*. Price Rs. 2-10.

KHAND.—Design on the border *keri* (mango fruit). Maker, Mansuk Dipchand. Price Rs. 2-10.

KHAND.—Design on the border *vágh phulno* (or tigers and flowers). Maker, Mansuk Dipchand. Price Rs. 2-10.

TÁLA.—It is a fabric like the *khánd*, but is sold in small bits, 2″ × 3″ for bodices, worn by Gujráth women. Design *mor* (or peacock). Maker, Mansuk Dipchand. Price Rs. 1-2.

TÁLA.—Design *pari* (or fairy). Maker, Mansuk Dipchand. Price Re. 1-2.

KHAND.—Design *kájuphul korna*. Maker, Juma Golábchand. Price Rs. 6-4.

KHAND.—Design *bor jáli*. Maker, Jumna Golábchand. Price Rs. 3-8.

KHAND.—Design *popat kotháno* (or parrot fortification). Maker, Jumna Golábchand. Price Rs. 5-4.

KHORJI.—Silk and gold fabric. Maker, Harjiwan Jetha, of Surat. Price Rs. 58. *Not for sale.*

KHORJI.—Silk and gold fabric. Maker, Allibhái Tájbhái, of Surat. Price Rs. 150. *Not for sale.*

TWO JARIDÁNOS.—Silk and gold fabrics. Maker, Keshavlál Kalyanbhái, of Surat. Price Rs. 52-8 and Rs. 63 respectively. *Not for sale.*

KHAN BODICE-PIECE.—Silk and gold fabrics. Maker, Allibhái Tájbhái, of Surat. Design *elchi kotho* in the border. Price Rs. 78. *Not for sale.*

TWELVE SAMPLES OF KINKHÁB.—Maker, Allibhái Tajbhái, of Surat. Price for the set Rs. 29-8. *Not for sale.*

FOUR SILK "KHAISES."—*Quilts*, with embroidered borders. Presented by His Highness Mir Murád Khán Tálpur, of Khairpur. Price Rs. 520. *Not for sale.*

THREE BOCHNIS.—Veils worn by females. Presented by His Highness Mir Murád Khán Tálpur, of Khairpur. Price Rs. 14. *Not for sale.*

SILK, GOLD, AND SILVER BORDERS.

At Ahmedábád there are about 100 to 125 dealers in borders (*kor*, *kinár*, *tás*, *lappo*, and *phit*) with gold and silver thread designs in the texture, and about seventy to eighty dealers at Surat, who in both places belong to the Khatri, Vánis, Shrávak, and Kanabi castes. The shops of the Ahmedábád dealers are in the Mának Chauk, while those of the Surat dealers are mostly in their own houses, situated throughout the town. At Ahmedábád there are about 200 to 250 families, employing 500 to 600 looms, belonging to the Khatris, who alone are the weavers of borders and *khand*. They all live in the Kálupur subdivision of the city. At Surat there are about 500 to 600 families of the Khatris, containing about 1,200 to 1,500 looms, chiefly in Shipwad, Balgempara, and Salapdara. The weavers of borders and *khands* believe that they are the original inhabitants of Ahmedábád, those at Surat having gone to that town five or six generations ago. They wear a Gujráth turban, a jacket, a long coat, a scarf round the loins, and another scarf over the shoulders. All the dealers and weavers of border and *khand* speak Gujráthi. They are mild and very hard-working, and all of them are vegetarians. About 200 of the Ahmedábád weavers and about 100 of those from Surat have their own tiled, mostly one-storeyed houses to live in; others reside in hired quarters. The silk, the gold thread, and the silver thread are all supplied by the dealers. The dealers obtain the silk from the merchants in raw silk, send it to the different work-people for being sorted, spun, dyed, and sized, and then hand it over to the weavers. The weavers of borders and *khand* work from sunrise to 12 A.M. and from 2 P.M. to sunset. They stop all work on the last day of the lunar month, *amavásya*; *diváli*, six days; *dasara*, one day; the whole of the month of Shravan; four days of *holi* holidays. There is greater demand than usual for the borders and *khands* during the marriage seasons. For weaving a piece of *kor* or border 120 feet long the weaver receives Rs. 3, together with a piece of the border 5 feet long; for weaving 1,000 feet, Rs. 10 and a piece 100 feet long; for *tás* and *lappo*, Re. 1 a foot, with two-fortieth (*wal*) in weight of the flattened gold and silver wire used. For weaving plain *phit* or lace As. 4 for 100 feet; for the *ákda* or zig-zag fringe lace, Rs. 12-8 for 100 *tolas*. The average monthly income of a weaver ranges from Rs. 10 to Rs. 15. Women and children of ten and more assist the males in weaving the borders. In connection with this industry there are four, trade guilds, one for each article, *kor*, *tás*, *pallav*, and one for the three, *phit*, *kinár* and *gota*. When a new man starts the industry in a town he has to pay to the

guild or *mahajan* Rs. 500 for weaving *kor*, Rs. 15 for *tás*, Rs. 60 for *pallav*, and for *phit*, *kinari*, and *gota* Rs. 150, which sums are spent in feeding the members of the *mahájan*. There are no instances in which this rule is broken by "newcomers" or "apprentices," but if one dare to break it the guild has no connection with him and withholds rendering him any assistance whatsoever.

Border of the various sorts, *kors*, *tas*, *pallav*, *lappo*, *phit*, *kinári*, and *gota* of the total value of about a lakh of rupees, is made at Ahmedábád, and of the value of about Rs. 70,000 at Surat, in one year. It is exported to Baroda, Bombay, and other places for sale.

The following specimens have been bought for the Exhibition:—

From Ahmedábád.

KÖR.—Maker, Mansuk Dipchand. Design *keri khajuri ne toran* or mango, diamond-shaped and three-lobed pendant. Price Rs. 2-12.

KÖR.—Maker, Lallu Ichha. Design *gota* (round flower) and *toran*. Price Rs. 9-9.

KÖR.—Maker, Mansuk Dipchand. Design *vatána ne keri* (pea and mango).

KÖR.—Maker, Mansuk Dipchand. Design *vel pándu*, *khajuri*, *ne toran*, *viz.*, creeper with leaves, angular half-diamonds, and the three-lobed pendant.

KÖR.—Maker, Mansuk Dipchand. Design *bádlánu*, *kotha*, *phul*, *ne don káknis*. *Bádlánu* means the flattened gold thread; *kotha*, a fortification; *phul*, flower; *kákni*, zig-zag; which means that the design is made up of forms resembling a fortification, flower, and zig-zag lines in flattened thread. Price As. 15.

KÖR.—Maker, Mansuk Dipchand. Design *vel toran*. Price Rs. 2.

KÖR.—Maker, Mansuk Dipchand. Design *mográni*, from its resemblance to the flower of the jassamine (*Jasminum sambac*). Price Rs. 2-4.

KÖR.—Maker, Mansuk Dipchand. Design *sádhi*, plain. Much in demand for tying turbans in Káthiáwár. Price Rs. 11-3.

KÖR.—Maker, Mansuk Dipchand. Design *bádláni chodániani*, or diamonds woven in flattened wire. In special demand among Native Chiefs for the borders of the Princesses' *sádis*. Price Re. 1-14.

KÖR.—Maker, Mansuk Dipchand. Design *attu* and *keri*, or slanting lines and mangoes, used generally by the local patels or heads of villages for borders to the bodices of their women's *sádis*. Price As. 10-6.

KÖR.—Maker, Jamna Gulábchand. Design *chár khajuri* and *keri*. Price As. 10-6.

KÖR.—Maker, Jamna Gulábchand. Design *popat ne toran*, or parrots, and the *toran*, a peculiar fringe or three-lobed pendant in use among Hindus. Price As. 13-6.

KÖR.—Maker, Jamna Gulábchand. Design *bepásháni pagethia do khajuri ne kángro*, *viz.*, steps alike on either side, with the *khajuri* or the half-diamond shaped ornament, and *kángro*, or the teeth of a saw. Price As. 13-6.

KÖR.—Maker, Jamna Gulábchand. Design *mor* (peacock), *khájuri* (half-diamond or angle), and *toran*, the fringe hung on the doorways.

KÖR.—Maker, Jamna Gulábchand. Design *ruperi leher* (silver zig-zag), *do khajuri* (or angle), and *char kákni*. Price Re. 1-3-9.

KÖR.—Maker Lallu Icha. Design *char kotha* (five diamonds), *do akda phul* (hooked flowers), and *torán*. Price Rs. 2-1.

KÖR.—Maker, Lallu Ichha. Design *bádlani* (or flattened wire), *kotho* (diamonds), and *kákni* (drops). Price As. 15.

PALLAV.—Maker, Ranchod Mugut. Design *áth-kotha* (diamonds), *char-akda phul* (hooked flowers), *do keri* (mango), *chhe kákni* (drops). Used as the outer end of a *sádi*. Price Rs. 2-8.

KÖR.—Maker, Ranchod Mugut. Design *jhina* (small), *hira* (diamonds), and *keri* (mango). Price As. 14. Preferred by the richer Nágar and Shrávak Sowkárs.

KÖR.—Maker, Ranchod Mugut. Design *Telia lehar* (elongated zig-zags like the *tila* or red mark on the forehead of Hindus), *kákni* (drops), and *kángro* (serrations). Price As. 14.

KÖR.—Maker, Ranchod Mugut. Design *bádli* (flattened wire), *tilia lehar* (as above), and *kákni* (drops). Price As. 8

KÖR.—Maker, Ranchod Mugut. Design *kákni* (drops). Price Rs. 2. Used as a tape, and sewed on to the bodice.

KÖR.—Maker, Ranchod Mugut. Design *bara-hira* (diamonds), *khajur* (half diamond or angles), and *keri* (mango). Price Re. 1-9.

KÖR.—Maker, Ranchod Mugut. Design *chodáni* (four-grained or four diamonds in one), *ákdo-phul* (hooked flower), *kákni* (drops), and *toran*.—Price Re. 1-10.

KÖR.—Maker, Gokul Purushottam. Design *gola* (round flower), *akda* (hook) and *toran*. Price As. 12.

LAPPO.—Maker, Mohola Bhagwán. Design *hirákani* (grains in diamonds or diamonds in diamonds) on red ground in gold, used for bridegrooms' coats. Price Rs. 3-9-9.

LAPPO.—Maker, Mohola Bhagwán. On white ground and in silver for bridegrooms' coats. Price Rs. 2-7.

TÁS.—Maker, Mohola Bhagwán. Design *pattis* (striped). Used by Mahomedan Chiefs for trousers and jackets and for flags on red ground. Price As. 12.

TÁS.—Maker, Mohola Bhagwán. Design *pattis* (striped.) Used by Mahomedan Chiefs for trousers and jackets and for flags on white ground. Price As. 10.

KINÁR.—Maker, Mohola Bhagwán. Design *lehar* (zig-zag). Used as border for *sádis* and for turbans, intended for bridegrooms. Price Re. 1-5-9.

CHIHERO.—Maker, Mohola Bhagwán. Design *lehar* (zig-zag). Used only for bridegrooms' turbans. Price Re. 1.

KINÁR.—Maker, Mohola Bhagwán. Design *vel* (creeper), and *shingádo* (the three cornered) fruit of the *shingada* (*Trapa bispinosa*). Used only for the *odhani* or women's scarf. Price Rs. 2-8-3.

PHIT.—Maker, Mohola Bhagwán. Design *ákdo* (hooks). Used in trimming bodices, children's suits, &c. Price Rs. 2-1-6 for this and the next.

PHIT.—Maker, Mohola Bhagwán. Design *veli* (creeper). Price Rs. 2-1-6 for this and the above.

PHIT.—Maker, Mohola Bhagwán. Design *ákdo* (hooks) in gold thread. Price Re. 1-3-6.

PHIT.—Maker, Mohola Bhagwán. Design *tin kotha* (diamonds). Used for trimming *sádis*. Price Re. 1-4.

PHIT.—Maker, Lallu Ráichand. Design *veli* (creeper). Price Re. 1-2-3.

PHIT.—Maker, Lallu Ráichand. Design *be-patti* (two-striped) in gold. Price Re. 1.

PHIT.—Maker, Lallu Ráichand. Design *be-patti* (two-striped) in silver. Price As. 7-9.

PHIT.—Maker, Lallu Ráichand. Design *ektár* (one-wire). Price As 6.

PHIT.—Maker, Lallu Ráichand. Design *gangá-jamni*, *veláni* (creeper) with gold and silver thread mixed.

GOTA.—Maker, Lallu Ráichand. Design *sádha* (plain). Price As. 10. On black-ground.

GOTA.—Maker, Lallu Ráichand. Design *sádha* (plain), Price As. 10, on red ground.

PALLAV.—The design is called *chardani gotáni* (four drops and flowers). Maker, Keshavlál Kalyánbhái of Surat. Price Rs. 9-8. *Not for sale.*

PITNO PATTO (*broad-tape.*—The design is called *be navdáni kangráváli* (double flowers of nine drops and angular fringe.) Maker, Keshávlál Kalyánbhái of Surat. Price for this and the following lot Rs. 11-15-9.

COLLECTION OF PHITS (TAPES)—Maker, Keshávlál Kalyánbhái of Surat. Price of the set, including the above, Rs. 11-15-9.

Gold and silver thread is extensively used in embroidery and in the weaving of cotton and silk fabrics, of which a variety is produced at several towns in the presidency.

In the silks and turbans of Yeola, the *shelás* of Poona, the *kinkhábs*, *dupattas*, *khands*, and borders of Ahmedabad and Surat, gold and silver thread is introduced in different proportions with the cotton or silk yarns, of which they are mainly formed. The wonderful ductility of gold is seen in the manufacture of silver-gilt thread when a bar of silver covered with gold-leaf is gradually drawn out to a silver thread still coated with gold.

At Ahmedábád there are at present from 1,500 to 2,000; at Surat nearly the same number; at Yeola about 900 to 1,000; and at Poona between 3,000 and 4,000 workers employed in the manufacture of gold and silver thread. The Ahmedábád and Surat workers are Gujráthis; those at Yeola, Sonárs, Musalmáns, Patháns, and Maráthás; and those at Poona, Lád Sonárs, Kokani Sonárs, Khándesh Sonárs, Aher Sonárs, Vaishya Sonárs, Maráthás, and Pardeshis. Artizans from these several towns have settled in Bombay, where they carry on a lucrative trade. Ahmedabád and Surat workers state that their ancestors came from Chámpáner, and that the craft was originally carried on by Musalmans at Delhi and Agra under the patronage of the Moghul Government. A tradition is current that one goldsmith from Chámpáner went to Delhi and happened to see gold and silver thread made, and wanted to learn the art, but could get no information. Feigning blindness, he got himself employment as a coolie to hammer the bars of silver. There he learnt the art of gilding and drawing wire to the required thinness. He afterwards opened a workshop in his native town, from whence the process was carried to Ahmedábád, Paithan in the Nizam's Territory, Surat, Yeola Poona, and Bombay. The industry was first established at Yeola in 1836. At the close of that year, in consequence of a dispute with the local authorities of the old city of Paithan, on the borders of Ahmednagar and the Nizam's dominions, the gold and silver thread workers went and settled at Shegám in Ahmednagar. One of the leading men, Rámchandra Sakhárám Baswande, visited the Memledar of Yeola, and through him obtained leave for the people of Paithan to settle there without the payment of the usual tax payable to the trade guild, and on the 6th January 1837 Rámchandra opened a gold thread factory at Yeola. The Poona workers state that they came from Paithan, Aurangábád, and Ka-ranje in the Nizam's Territory. At Ahmedábád and Surat the gold is bought in foils (*chipa*) at Rs. 20 a *tola*, and the silver from Kensaras in bars (*pása*) at Re. 1-4 a *tola*. The silk is obtained from Reshimválás at Rs. 14 to Rs. 15 a *shér* (35 *tolas*). At Yeola the gold and silver is obtained from Bombay. The gold must be perfectly pure (*shambhar nambri*.) Three kinds of silver are used,—*pátáchi* or English. *netachi* or Chinese, and *gávthi* or local. Chinese and local silver are sold mixed with an alloy and can therefore be used without any change, but the pure English silver has to be mixed either with from ten to fifteen-fortieths of Chinese or local silver, or with two or three-fortieths of copper. The best English silver costs from Rs. 108 to Rs. 110 for 100 *tolas* the Chinese costs Rs. 106 to Rs. 107, and the country silver Rs. 104 to Rs. 105 for 100 *tolas*.

At Poona there are four Musulmáns Bhora families, named *Gotevale*, who buy old gold and silver fabrics, in which gold and silver thread has been used, and by a certain process separate the two metals, and from them is purchased a large portion of the gold and silver used in that city for the manufacture of the thread.

SOZNIS OR BED-COVERS.

Soznis are cotton and silk fabrics stuffed with cotton to serve as quilts, and the manufacture is a specialty of Broach, the invention being attributed to Hasanbhái Karimbhái, a resident of Mundaphia. The peculiarity of the work consists in each little square bag being woven and united by the loom to its fellows. The operation is peculiar. The weaver sits with his feet in a pit in which there are eight treadles corresponding with and governing the action of the eight heddles above. There is a double layer of fibres in the warp, one white and red and the other green and red, and they are arranged one above the other. By raising with a hook and string, treadles numbered 1 and 3, he

opens the set of red square compartments for stuffing them with cotton wool, and by raising those numbered 6 and 8 he opens the set of green compartments.

When the red warp is on the top of the green, the weaver works his treadles alternately by raising first those numbered 1, 4, 6, and 8, and then those numbered 2, 3, 5, and 7, while, when the green is uppermost, he raises those numbered 1, 4, 5, and 7, and then those numbered 2, 3, 6, and 8.

SOZNI.—From Viramgaum, Ahmedabad. Price Rs 30-0-9. *Not for sale.*

THREE SOZNIS.—From Broach. Maker, Hasanbhái Karimbhái. Prices Rs. 28, 5, and 1 respectively. *Not for sale.*

SOZNI.—Lent by the Pátdi Darbar, Ahmedábád.

CLASS XLV.—EMBROIDERY.

Embroidery is principally carried on at Shikárpur and Hyderabad in Sind, in Katch, in Surat and Bombay, and is executed in various materials, such as silk on cotton, as the soznis of Shikarpur, silk on silk as the "*odhne*," a square sheet worn by the women of Katch; silk, gold and silver thread used singly or together on cloth or satin for various articles of dress, and also for table-cloths, cozies, cushion-covers, &c., as those of Hyderábád. Another kind of embroidery heavy in character called "*bharat kám*" (literally "work filled in"), where, the ornament is first worked in relief in a coarse cotton thread and afterwards covered with gold or silver thread, is extensively made for caps, coats, *masnads*, saddle-cloths, &c. A large quantity of this description of embroidery is manufactured by Dáudbhái in Kálbádevi Road, Bombay, who employs a large number of workmen, who are principally from Delhi.

A species of embroidery made of gold and silver spangles and twisted gold wire is also manufactured, and a specimen is exhibited by His Highness the Rájá Sáheb of Dhrángdra, Káthiáwár.

Most of the specimens sent from Hyderábád, Sind, show decided deterioration in design, color, and mode of execution. The designs are ill composed, there is a want of balance in the distribution of the masses—the coloring is staring owing to the introduction of aniline dyes, and the execution is poor when compared with older work. The round embroidered cushion-covered in gold, silver, and silver and gold on black cloth are, however, beautiful specimens, especially the two where the admixture of silver and gold is happily carried out.

The two large oblong pieces of effective embroideries from Shikárpur worked in silk on coarse cotton ground, with discs in red and interspaces filled with foliated work, taken from specimens brought by traders from Bokhara, are of Tartar origin. This is an evidence of the manner in which the arts in Sind are influenced by those of Central Asia.

From Surat.

TOPI.—Cap. Worn by Musalmans. The pattern is called *hirebandi* (diamond-shaped). Maker, Mahammad Karim Khán. Price Re. 1-8. *Not for sale.*

TOPI.—Cap. Worn by Musalmans. The pattern is called *ardhi butti* (half design). Maker, Mahammad Karim Khán. Price Re. 1-8. *Not for sale.*

TOPI.—Cap. Worn by Musalmans. The pattern is called *Kotháni* (fortified) Maker, Mahammad Karim Khán. Price Re. 1-8. *Not for sale.*

TOPI.—Cap. The pattern is called *ardhi butti*. Maker, Allibhái Tájbhai. Price Rs. 3. *Not for sale.*

TOPI.—Cap. Maker, Keshablál Kalyánbhái. Price Rs. 4-8. *Not for sale.*

JHABLA.—Maker, Abdulla Gulám Nabi. Price Rs. 7. *Not for sale.*

TOPI.—Cap. Maker, Keshablál. Kalyánbhái. Price Rs. 4-8. *Not for sale.*

KOR.—Border. The pattern is called *shingki butti* (horn design). Maker, Abdulla Gulám Nabi. Price Rs. 6-8. *Not for sale.*

KOR.—Border. The pattern is called *jirásál chokdi* (small squares). Price Rs. 6. *Not for sale.*

KOR.—Border. The design is called *phul kantola.* Maker, Abdulla Gulám Nabi. Price Rs. 4. *Not for sale.*

BORDER, *Kor.*—The design is called *chakarte kantola.* Maker, Abdulla Gulám Nabi. Price Rs. 4. *Not for sale.*

BORDER, *Kor,*—The design is called *badámi pankha chakri* (almond and fan circle). Maker, Abdulla Gulám Nabi. Price Re. 1. *Not for sale.*

BORDER. *Kor.*—The design is called *tin-páki* (three divisions). Maker, Abdulla Gulám Nabi. Price Re. 1.

BORDER. *Kor.*—The design is called *chokti* (squares). Maker, Abdulla Gulám Nabi. Price Re. 1. *Not for sale.*

BORDER, *Kor.*—The design is called *patteki chakri* (circles of leaves). Maker, Abdulla Gulám Nabi. Price Re. 1. *Not for sale.*

BORDER, *Kor.*—The design is called *badámi ashrafi* (almond decoration). Maker, Abdulla Gulám Nabi. Price Re. 1. *Not for sale.*

BORDER, *Kor.*—The design is called *chidiáki* (sparrows). Maker, Abdulla Gulám Nabi. Price Re. 1. *Not for sale.*

BORDER. *Kor.*—The design is called *pankha chokti* (fans and squares). Maker, Abdulla Gulám Nabi. Price Re. 1. *Not for sale.*

TWO PEACOCKS.—Embroidered in gold spangles by Mrs. Jehángir. Lent by Mr. Jehangir Sha Mothábhái.

From Hyderabad, Sind.

EIGHT TEA-COZIES.—Embroidered in gold, silver, or silk in different patterns. Makers, Mahamed, Saheb, Mahamed Jáfar, Ali Baksh, Kado, and Haji. Prices Rs. 10-8, 7, 7, 9, 8, 4, 2-12, and 8-8 respectively.—*Not for sale.*

CHAIR CUSHIONS.—(*Eight pairs.*) Embroidered in silk, gold, or silver in different patterns. Makers, Haji and Mahomed Sáheb. Prices Rs. 10-8, 10, 11, 10, 6-8, 2-12, 14, and 9 respectively. *Not for sale.*

SLIPPERS.—(*Seven pairs.*) Embroidered in different designs. Makers, Mahomed Haji and Lallu. Price Rs. 18-12 for the set. *Not for sale.*

TWO CAPS.—Embroidered in gold thread. Makers, Haji Abdolla and Lallu. Prices Rs. 3 and Rs. 3-8 respectively. *Not for sale.*

SIX TABLE-COVERS.—Embroidered in silver, gold, and silk thread in different designs. Makers, Mahamed Jafar, Mahamed Saleh, Nazar Mahomed, and Bachalshah. Prices Rs. 45, 40, 20, 14, 11, and 78 respectively. *Not for sale.*

From Shikárpúr, Sind.

TWO BED-COVERS.—Makers, Gul Mahomed and Arab, sons of Kush Mahomed and Bachol, son of Din Mahomed, of Shikárpúr. Prices Rs. 25 each.

TABLE-CLOTH.—Makers, Gul Mahomed and Arab, sons of Kush Mahomed and Bachol, son of Din Mahomed, of Shikárpúr. Price Rs. 66.

TWO PARASOL-COVERS.—Makers, Gul Mahomed and Arab, sons of Kush Mahomed and Bachol, son of Din Mahomed of Shikárpúar. Price Rs. 9-8 each.

SIX DOYLEYS.—Makers, Gul Mahomed and Arab, sons of Kush Mahomed and Bachool, son of Din Mahomed, of Shikárpúr. Price Re. 1 each.

None of the above articles are for sale.

THREE HANDKERCHIEFS.—Embroidered at Katch. *For sale.* Prices Rs. 15, 15, and 17 respectively.

HANDKERCHIEF.—Embroidered at Bhuj by Nathubhái. Lent by the Gondal Darbar, Káthiáwár.

BAG.—(*Bulwo*). Embroidered at Bhuj by Nathubhái. Lent by the Gondal Darbar, Káthiáwár.

EMBROIDERY.—Eight specimens exhibited by Dáudbhái Musábhái of Bombay. *For sale.*

SADDLE-CLOTH.—(*Gashia*). Lent by the Dhrángdhra Darbár, Káthiáwár. Makers, Kuber, Lakha, Bogha, and others.

SADDLE.—(*Palan.*) Lent by His Highness the Thákur Sáheb of Bhávnagar, Káthiáwár. Maker, Premji Mahawji.

BHARGACHE RUMAL.—A richly embroidered handkerchief. Lent by His Highness the Jám Sáheb of Jámnagar (Navánagar), Káthiáwár. Maker, Moa Kánji Kabanji. Price Rs. 85-10-9.

GOLD AND SILVER EMBROIDERY.—132 patterns. Lent by His Highness the Mahárájá of Baroda.

NINE CAPS.—Embroidered. Presented by His Highness Mir Alli Murad Khán Tálpur, of Khairpur. Price Rs. 21. *Not for sale.*

FIVE BODICES.—Embroidered. Presented by His Highness Mir Alli Murád Khán Tálpur, of Khairpur. Price Rs. 47. *Not for sale.*

CLASS XLVI.—APPAREL.

POLKA.—Coats. Maker, Keshavlál Kalyándás, of Surat. Price Rs. 85 and Rs. 125. *Not for sale.*

GHÁGRA.—Petticoat. Maker, Alibhái Tájbhái, of Surat. Price Rs. 100. *Not for sale.*

JHABLA.—Shirt. Maker, Becharbhái Ganesh, of Surat. Price Rs. 85. *Not for sale.*

BURKHA.—A covering used by Borah women when out of doors. It serves to cover the *whole* of the body, allowing the wearer only to look through the gauze opening. Maker, Alibhái Tájbhái, Surat. Price Rs. 25. *Not for sale.*

NÁTIO.—A cap and cape combined, worn by children, or by men under their turbans. Lent by His Highness the Jám Saheb, Jámnagar, Káthiáwár. Maker, Praga Áháji. Price Rs. 4.

ANGARKHA.—A long coat from Surat. Made of a silk fabric called *mashru*, of very fine texture; not now woven. The coat is seventy-five years old, and is cut out of a *jama* (Darbár coat) presented by the Nabáb of Sachin to the uncle of the exhibitor. Lent by Rávsáheb Bhimbái Ripárám, Assistant Compiler, Bombay Gazetteer.

CLASS XLVII, AND SECTION F, CLASS LIX.—MANUFACTURES OF LEATHER, SHOES, &C.

Leather is largely employed throughout the presidency for making shoes, sandals, pouches, belts, *chárgals* (water-bottles), and book-covers, which are more or less ornamented by stamping, perforating, and embroidery. Several specimens of leather-work are exhibited, such as the *chargals* from Dhrángdhra, embossed book-covers from Ahmedábád, leather shields from the same place, shoes, and sandals from Poona, and cigar-cases and embroidered boots from Khairpur, in Sind.

LEATHER SHIELDS.

The manufacture of leather shields from the hide of the rhinoceros and blue bull was one of the most important industries in the presidency during the old fighting days. At Ahmedábád alone about 100 families were engaged in the trade. As shields are no longer required for warfare, and since the working of the Arms Act in 1858, the demand for them no longer exists; a few, however, are made to supply the European demand for curios. A single family—a father and two sons—of the Mochi caste is now employed at Ahmedábád in making them, and show four specimens. The artisan and his two sons obtain the skins from the territories of the Native Chiefs. The brass bosses are obtained from Kadi, in the Baroda territory, at Re. 1-8 for a set of four. The iron rings are locally obtained at about As. 8 for the set, and the copal varnish is prepared at home. The skin is soaked in water and kept in moulds for a month or five weeks. Then it is cleared and scraped with the *randha*, which costs about As. 12. When a number are ready, they are painted, varnished, and finally the bosses and cushions are fitted.

FOUR SHIELDS.—Makers, Purshottam Khushál and Khusál Dhanji of Ahmedábád. Price Rs. 35, 35, 26, and 26 respectively. *For sale.*

DHAL.—Shield. Lent by the Pátdi Darbár, Ahmedábád. *Not for sale.*

FIVE SHIELDS.—Exhibited by the Katch Council of Administration. Prices Rs. 3, 6, Rs. 40-14-6, 68-3-4, and 60 respectively. *For sale.*

SHIELD.—Exhibited by the Central Committee, Baroda. Maker, Prema Dukhala. Price Rs. 10. *For sale.*

NATIVE SHOES.

In the Bombay presidency shoes are made for natives either of leather or of wood, the former being divided into *joda*, *juta*, and *váhána*. The latter are named *khádáva* or *páduka*, and in rare instances are made of brass. The Dekkan tribes generally call their shoes *joda*, of which there are two varieties, made with the heels turned in, named *shiroli* or *brahmani*, or those with single broad rounded toes, and *maráthi*, or those with the double toes divided down the centre. The Gujráthis, Bhorás, and Musalmans and Pársis call their shoes a *juta*, which has a pointed toe and standing heel. The shoes worn by Musalman women are also called *jutas*, but they differ from the others in being like slippers without heels open at the back. Poona is noted for the *shiroli* or Brahmin shoe and Ahmednagar for the *marátha* or two-toed shoe. There are seven different sections at Poona who work in leather,—Mochis, who make the Hindustáni shoes; Bengalis, who make English shoes and boots, Katai, who work the leather bottles (*budhalis*); Kokani, workers of sandals; Máng Mochis, or skinners and tanners; Saltankár, or dyers of leather; and Chámbhars, or makers of the so-called Poona shoes. The last set represents the real local workers. They live mostly in Hatti Mahal. There is a constant demand for their articles, the Poona shoes being much in request among Maratha or Dekkan Hindus of all denominations nearly all over the presidency.

Vahánás (sandals), or the third variety, are made everywhere in the Dekkan, but those from some of the towns in the Ratnágiri district (Lanja, Málvan, Sálpi) are ornamented with brass. There is a large sale for them; particularly during the monsoon, when even the higher class of Hindus prefer them to their *jodas*.

JODA (*Brahmani*).—Maker, Parvati Bin Amrita, of Poona. Price Rs. 7. *Not for sale.*

JODÁ (*Marátha.*)—Maker, the same. Price Rs. 7. *Not for sale.*

THREE PAIRS OF JUTÁS.—Native slippers. Maker, Mahomed Madári, of Surat. Prices Rs. 3, 2½, and 2 respectively. *Not for sale.*

TWO PAIRS OF RABARIS.—Shoes used by the Jyers. Lent by the Katch Darbar. Prices Re. 1-10 and Re. 1-14.

A PAIR OF DELHI SHOES.—Lent by the Katch Darbár. Price Rs. 2-12. *For sale.*

A PAIR OF PESAHWAR SHOES.—Lent by the Katch Darbár. Price Rs. 3. *For sale.*

A PAIR OF JUTÁS.—Maker, Punam Chand of Násik. Price Re. 1 and Rs. 2. *Not for sale.*

VAHÁNA.—A pair of embroidered sandals from Ratnágiri. Price Rs. 3. *Not for sale.*

PÁDUKA (*Khadáva.*)—Used by the higher castes of Hindus to go to the place of worship after the bath. Made of blackwood and inlaid with mother-of-pearl. Lent by His Highness the Jám Saheb of Jámnagar, Káthiáwár. Maker, Mona Rajani. Price Rs. 15.

KHADÁVA.—Two pairs of wooden shoes. Lent by the Gondal Darbár, Káthiáwár.

LONG BOOTS.—*Embroidered.* Presented by His Highness Mir Ali Murád Khán Tálpur, of Khairpur. *Not for sale.* Price Rs. 38.

FOUR CHÁRGALS.—Water-bottles. Lent by the Dhrangdra Darbár. Maker, Govind Lava.

PUTTHA.—Fifteen specimens of book-covers, by Gulám Umarbhái, Ahmedábád. Price Rs. 8-14-6. *Not for sale.*

CLASS XLVIII.—HATS AND CAPS.

PAGDIS.

The head-dress of the natives of the Bombay presidency is, perhaps, the most characteristic feature in their costume, assuming as it does quaint and varied shapes, which custom has prescribed to be worn by different castes. *Pagdis* are made on the patterns of the turbans worn by the Dekkan Hindus. Instead of taking the turban, which is from 50 to 80 yards long, and folding it to the required shape, it has of late become customary for natives to buy the *pagdis* ready-made. They look like the turbans, and have the advantage of being cheaper, lighter, and more durable. *Pagdis* are made at Poona and Bombay. At Poona there are four *pagdi*-makers—two Shimpis (tailors), one Támbat, and one Brahmin—who live in Patvekar Ali, in Budhvár Peth. There is only one man in Bombay, in Mugbhát, whose work is equal to that of the best of the Poona men. Inferior varieties of *pagdis* for children have been in use for a long time, but the superior kind, resembling the turban in every respect, was only introduced a few years ago by one Haripant Barvé, a Brahmin of Poona, and it has found such favour among the educated young natives that the annual outturn at Poona in this article is reported to amount to Rs. 5,000, and at Bombay to Rs. 700 to Rs. 800. Cheap and fast-coloured materials are specially woven for *pagdis*, and sold at Rs. 5 to Rs. 6 each, in lengths of about 25 yards each. Each *pagdi* requires only 15 to 16 yards with the rags of native-made paper, as a foundation, sold at 5½ annas a *sher*, and a small quantity of white clay locally obtained. A clay model is first made, on which is pasted a layer of paper and rags. When dry, the clay is removed, and on this form the cloth is wrapped to the shape of the required turban and stitched. The cost of each *pagdi* varies from Rs. 6 to 20 according to the amount of gold and silk introduced. Among the more conservative members of native society, the *pagdi* is still believed to be an inferior sort of turban, useful only when one has to travel in a province containing no professional turban-folders to shape their head-dress after the required fashion.

The following samples have been obtained from POONA :—

PAGDI.—Worn by the Dekkan Brahmins and Chándraseni Prabhus. Of late goldsmiths (*sonárs*), carpenters (*sutárs*), coppersmiths (*kasárs*), and almost all other Hindus wear this turban, particularly when they have given up their caste trades and accepted service as clerks, &c. In the times of the Peshwas, the first two classes only were allowed to wear it, but the restriction no longer exists. Maker, Balvant Vithal, Lokhande. Price Rs. 7-8.

PAGDI.—Worn principally by the Bombay Prabhus. It is also worn by Sonárs, *sutárs, pánchkalsis,* and *khatris.* It is, however, named after the Prabhus, and was probably introduced by them from Pattan in Gujráth. A turban intermediate in form between this shape and that of the Brahmans is still in use in Gujrath, known under the name of *Badode shái* (Baroda fashion). This circumstance, together with the fact that the Pattáne or Bombay Prabhus wear a Gujráth shoe, and have in their colloquial language, particularly that of the women, an admixture of Gujráth words, such as *dádar, sasra, kákbhái,* shows that they came to Bombay (in or near which city alone they are found) from Gujráth. Maker, Balvant Víthal, Lokhande. Price Rs. 47.

MARÁTHA PAGDI.—A shape peculiar to the Maráthas of Kolháp ur. Maker, Balvant Víthal Lokhande. Price Rs. 47.

MARÁTHA PAGDI.—Worn generally by the Maratha *Ghodeválás,* or coachman. Maker, Balvant Víthal, Lokhande. Price Rs. 47.

PAGDI.—Worn by the Bhadvás or drum-beaters attached to a dancing-girl Maker, Balvant Víthal, Lokhande. Price Rs. 47.

CLASS LII.—OBJECTS NOT SPECIFIED.

CHUDAS—Broad wood or ivory bangles. Maker, Karsandás Devchand of Broach. Price for the set Rs. 17-11-3. *Not for sale.*

CHUDAS.—Bangles from Surat. Maker, Namumia Jamálmia and Nurbibi. Price for the set Rs. 20-12. *Not for sale.*

CHANDLA.—Spangles. Maker, Jivakuvar of Surat. Price Re. 1. *Not for sale.*

BOMBAY MANUFACTURES.

SECTION A.—FINE ARTS.

CLASS III.—ARCHITECTURAL DRAWINGS AND MODELS.

Models exhibited by the Bombay Port Trust (loan) :—

Model of the steam dredger *Teredo* in use in Bombay Harbour.

Model of one of the hopper barges working in connection with the above.

Set of models of the beacons lately erected on various points in Bombay Harbour.

Model of the Island of Bombay, exhibited by Mr. Rienzi Walton, (loan).

This model, (made in February 1882, under instructions from the Municipal Commissioner, Mr. E. C. K. Ollivant, C.S., in order to illustrate the surface drainage of Bombay,) was designed and superintended by Mr. Rienzi Walton, M.I.C.E., Executive Engineer, Bombay Municipality, and executed by Harischandra Rávji, Surveyor.

CLASS IV.—ENGRAVINGS, LITHOGRAPHS, &c.

Lithographs, by Mr. A. P. Cortez, Bombay (loan).

Chromo-Lithographs, by "Vividha Chitra Kala Prakásh Press," Poona, exhibited by the Poona Municipality (for sale) :—

	Rs.	A.	P
Rámapancháyatan	1	8	0
Shivapancháyatan	1	8	0
Krishna as a child	1	4	0
Ditto with Rádha	1	8	0
Lukshmibái, Páni of Záshi, colored	1	4	0
Ditto, uncolored	1	4	0
Woman with earrings called *bális*	1	4	0
Kálika Devi	1	8	0

Chromo-Lithographs, by "Chitraskala Press," Poona, exhibited by the Poona Municipality (for sale) :—

	Rs.	A.	P.
Rámdás Swámi	1	10	0
Dancing girl	1	8	0
Ganpati Pancháyatan	1	12	0
Sir Sálarjang	5	0	0
Gonesh Vásudev Joshi	4	0	0
Rámpancháyátan	5	0	0
Vishnu Shástri Chiplunkar	6	0	0

CLASS V.—PHOTOGRAPHS.

Photographs, by Shivshankar Náráyan, Photographer, Bombay (for sale) :—

	Rs.	A.	P.
The Taj, Agra	5	0	0
„ Taj, Agra (side view)	5	0	0
„ Front view; 'Etmádowla,' Agra	5	0	0
„ Details. ditto	5	0	0
„ Room for Turkish 'Sultanis Futapur Sikari'	4	0	0

	Rs.	A.	P.
The Entrance to the 'Adayideeka Zoopra,' Ajmir ...	4	0	0
,, Interior of dome, ditto ...	4	0	0
,, Ditto ditto ...	4	0	0
,, Carved stone windows of a native gentleman's house, Ajmere	5	0	0
,, Carved stone door of mosque, Ahmedabad	5	0	0
,, Carved wooden windows, Amritsar	5	0	0
,, Ditto ditto, do.	5	0	0
,, Ditto ditto, do.	5	0	0
,, Bowa Balaji tower, or the Tower of Thieves, near the golden temple, taken from the tank of Immortality ...	5	0	0
Ditto ditto, small size	4	0	0
,, View of the Siwri Fort and Government Magazine, Bombay	5	0	0
Group of Hindu ladies, Bombay	5	0	0
The reception of H. R. H. The Prince of Wales in 1875, Bombay	5	0	0
Interior of a Bombay bungalow	5	0	0
Ditto ditto	5	0	0
Ditto ditto	5	0	0
The Arab horse	4	0	0
Interior of dewáni Khas mosque, once inlaid with gold and precious stones, Delhi	4	0	0
The screen carved in marble in the Diwáni Khás mosque, Delhi	5	0	0
The details of Kutub, Delhi	4	0	0
Interior of dome of Kumali Jumali's tomb, near the Kutub, decoration in chunam cement, Delhi	5	0	0
Carved stone arch and a wooden door (front entrance to a native gentleman's house in Chandi Bazar), Delhi	5	0	0
The "*Havámáhal*," Jeypur	3	0	0
,, Interior of Ambar palace, Jeypur	5	0	0
,, Ceiling of ditto ditto	5	0	0
Carved wooden windows, Lahore	5	0	0
Interior of dome of Juma mosque, Lahore	5	0	0
Ruins of Mirza Mahomed Kha Baker mosque, 300 years old, Nagar Tatta, Sind	5	0	0
View of pyramids, Walkeshwar, Bombay	5	0	0

PHOTOGRAPHS, by C. Dádábhoy Bajonji, Photographer, Satara (loan). Taken in open daylight of a gentleman on a race-horse.
Tomb made of pure white marble.
Tomb made of black stone. Taken from Mahábleshwar cemetry.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASS VIII.—MAPS, CHARTS, AND GEOGRAPHICAL APPARATUS.

	Rs.	A.	P.
TERRESTRIAL GLOBE	86	0	0
Prepared by Ganesh Dájí Gadré, of Poona, of the materials made by him, and fixed in a wooden stand, and a brass ring, and exhibited by him (for sale).			
MAPS prepared and exhibited by Janardan Vasudév Godbolí, of Bombay, (for sale).			
MAP OF India	4	0	0
Map of the World	4	8	0

CLASS XV.—SCIENTIFIC INSTRUMENTS.

	Rs.	A.	P.
PUZZLE, a self-amusing play, with a key to the same, prepared and exhibited by Vináyak Harish Chandra Navalkar, of Bombay, (for sale). Price Rs.	5	0	0
A key to ditto	5	0	0

COLLECTION OF ASTRONOMICAL AND OTHER SCIENTIFIC INSTRUMENTS, exhibited by the Central Committee, Baroda.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS.

CLASS XXVI.—METALWARE, HARDWARE, AND CUTLERY.

SPEAR-HEADS AND SHIKAR KNIVES, exhibited by Messrs. Cursetji and Sons, Ahmednagar (for sale).

	Rs.	A.	P.
NUT-CRACKER, "Adkitta," prepared by a blacksmith at Dingolé near Belgaum, and exhibited by Huchráo Achut, of Belgaum (for sale)	1	0	0

CLASS XXXI.—DECORATIVE WORK, INCLUDING CARVING AND ARTWARE.

FANCY WORK-BASKET, carved in stone at Kanara, exhibited by S. P. Nadig, of thana Sirsi, zilla Kanara (loan.)

CLASS XXXII.—CARPETS, HANGINGS, TAPESTRY, MATTING, &C., &C.

COLLECTION OF CARPETS (*daris*), exhibited by the Cambay Darbar.
COLLECTION OF CARPETS (*daris*), exhibited by the Ahmednagar Municipality.
COLLECTION OF CARPETS (*daris*), exhibited by Messrs. Cursetji and Sons of Ahmednagar.
COLLECTION OF CARPETTS (*daris*), from the Ratnagiri Jail, exhibited by the Collector of Ratnagiri.

CLASS XXXIV.—BRONZES, ORNAMENTAL WORK IN GOLD, SILVER, AND OTHER METALS.

FANCY HOOKAS, exhibited by Punna Jetha, Marwari, of Bombay (for sale).
1 pair with figures, Rs. 225 per each huka.
1 pair with a parrot and a ring, Rs. 100 per each huka.
NUT-CRACKERS (2), made of silver, exhibited by the Ahmednagar Municipality. Price, Rs. 15 and Rs. 16 respectively, (for sale).
PUNKHA-HANDLE, made of silver, exhibited by the Ahmednagar Municipality. Price Rs. 25 (for sale).

CLASS XXXV.—TOYS.

	Rs.	A.	P.
COLLECTION OF TOYS, exhibited by the Katch Darbar.			
CARVED FIGURES, exhibited by Huchráo Achut (for sale.)			
Wooden baby, made at Gokak	7	0	0
Ditto image of Murlidhur, ditto ditto	10	0	0
Bullock, made of stone, in Parasgad Talooka	15	0	0

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASS XL.—SILK FABRICS.

SILK FABRICS, manufactured by the Sassoon and Alliance Silk Mill Co., Limited, Bombay (loan).

	Dimensions. Pieces.	In.	Gaj.	Rate. Rs.	A.	P.	Per gaj.
Kinkháb, gold flattened wire and gold thread	1	33	4	30	0	0	,,
Kinkháb, gold thread, black ...	1	33	4	19	0	0	,,
Ditto, ditto red ...	1	33	½	16	0	0	,,
Ditto, ditto purple ...	1	33	4	16	0	0	,,
Ditto, ditto red ...	1	33	4	17	0	0	,,
Ditto, ditto green ...	1	33	2	16	0	0	,,
Ditto, ditto black ...	1	33	2	21	0	0	,,
Ditto, ditto black ...	1	33	2	18	0	0	,,
Ditto, ditto red ...	1	33	4	16	0	0	,,
	Pairs.		Yds.				Pair.
Thami figured satin	4	26	3	5	8	0	,,
Ditto, English gold stripe. ...	3	26	3	6	0	0	,,
Ditto. French gold stripe. ...	1	26	3	5	8	0	,,
	Pieces.						Yds.
Khan gold stripe and riband ...	1	36	4½	28	0	0	4½
Khan satin, figured, gold border ...	1	36	2½	21	0	0	,,
Ditto, and stripe gold border.	1	36	1½	22	0	0	,,
Khan check-figured, gold border ...	1	36	4½	18	0	0	,,
Khan, gold border	2	36	1¾	14	8	0	,,
Ditto	2	36	2¼	14	8	0	,,
Ditto	2	36	3	14	8	0	,,
Pachha, double shuttles 2¼ doz. ...	1	20	2¼	17	0	0	lb.
Ditto, single shuttles, 5¼ ,, ...	1	20	4½	16	0	0	,,
Ditto, satin figured	3	20	8½	11	0	0	piece.
Handkerchiefs, figured satin, best, 1st quality	19	30	30″	2	8	0	,,
Ditto ditto, 1st Quality, No. 1. ...	13	28	28″	2	0	0	,,
Ditto ditto, 2nd Quality. No. 2. ...	8	28	28″	1	12	0	,,
Ditto ditto, twill 1st Quality, No. 3. ...	4	28	28″	1	10	0	,,
Ditto ditto, 2nd Quality, No. 3. ...	6	28	28″	1	8	0	,,
Pitámbar, S.S. 1 6½ ...	1	46	8¼	14	0	0	lb.
Ditto 0 12¼ ...	1	46	5	12	0	0	,,
Sellári, S.N., purple, 1 1⅓ ...	1	46	8¼	16	0	0	,,
Ditto do., orange, 1 1¾ ...	1	44	8¼	16	0	0	,,

	Dimensions. Pieces.	In.	Gaj.	Rate. Rs.	A.	P.	Per gaj.
Sellári check S.N., green, 1 5 ...	1	46	8¾	18	0	0	lb.
Ditto ditto, blue, 0 15¼ ...	1	44	5	18	0	0	,,
Pitámbar, gold end, S.S., 1 3 ...	1	44	8	18	0	0	piece.
Sellári, gold end, S.N., 1 2 ...	1	44	8	22	0	0	,,
Pitámbar, gold border, red ...	1	44	5	20	0	0	,,
Ditto ditto, purple ...	1	44	3½	16	0	0	,,
Doria C.C.	1	28	1	0	3	0	yard.
Jagan-náthi C.C.	1	40	¾	0	2	6	,,
Chárkhani C.C.	1	26	1¼	0	3	0	,,
Khan C.C.	3	36	½	0	10	0	,,
Satin figured, best	1	30	1¼	2	8	0	,,
Ditto	13	30	1	2	8	0	,,
Ditto	2	30	¾	2	8	0	,,
Riband gold, Ahmadábádí ...	5	3	3	1	0	0	gaj.
Ditto ...	4	2¾	2½	0	14	0	,,
Riband gold, Benáresí	1	2½	¾	0	12	0	,,
Ditto	1	2	3	0	10	0	,,
Riband gold and silver, Leherí ...	1	1½	1¼	0	14	0	,,
Riband gold, Benáresí	1	1¼	2	0	8	0	,,
Ditto	2	1¼	2½	0	8	0	,,
Ditto	1	1	2	0	6	0	,,
Ditto	3	1	2½	0	6	0	,,
Ditto	1	1	2¾	0	6	0	,,
Riband silver, Benárasí ...	2	1	2½	0	5	0	,,
Ditto silver satin	1	½	3	0	6	0	,,
Ditto gold satin	1	½	3	0	8	0	,,
Ditto gold toranza	1	½	4½	0	3	6	,,
Ditto moglan	1	½	4½	0	3	0	,,
Ditto gold flattened wire ...	1	1	3	0	12	0	,,
Ditto silver ditto ...	1	1	3	0	10	0	,,
Draft spun silk	1	0	0	7	8	0	lb.
Roving spun silk, on roving bobbin	1	0	0	8	0	0	gaj.
Yarn spun silk, single, on spinning bobbin	1	0	0	9	8	0	,,
Yarn spun silk, double, on doubling bobbin	1	0	0	10	8	0	,,
Yarn spun silk, double dyed hanks	3	0	0	11	0	0	,,
Neat and spun silk yarn, dyed on bobbins	55	0	0	14	0	0	,,
Silver flattened wire, on bobbin ...	1	0	0	1	6	0	tola.
Gold ditto ditto ...	1	0	0	2	0	0	,,
Do. ditto, hanks ...	1	0	0	2	0	0	,,
Gold thread, on bobbins ...	2	0	0	1	8	0	,,
Ditto, hanks	1	0	0	1	8	0	,,
Silver thread, on bobbin ...	1	0	0	1	4	0	,,
Ditto, hank	1	0	0	1	4	0	,,

	Rs.	A.	P.
SILK SARI for women, made at Belgaum and exhibited by Huchráo Achut of that place (for sale)	60	0	0

CLASS XL[illegible] FANCY WORK.

EMBROIDERED CROWN, made in Bombay, exhibited by V[illegible]ráv Raghunáth (for sale) ...	125	0	0

TAMILNADU ARCHIVES ACC. No. 74021

	Rs.	A.	P.
FANCY NEEDLE-WORK, done by the girls of the Karwar School, exhibited by R. B. Karandikar of Karwar (loan)	.....		
FANCY WOOL-WORK—Parrot, made by a Hindu lady in Bombay, exhibited by Sadánand Krishnanath of Bombay (loan) ...	.....		

CLASS XLVII.—BOOTS, SHOES, AND SLIPPERS.

Two pairs of shoes (*Apáshái*) made in Chickodi Talooka and exhibited by Huchráo Achut of Belgaum (for sale)	4	0	0
Two pairs sandals (*Chappals*), ornamental, made at Ratnágiri and exhibited by Bhaskar Vishu Phadke (for sale)	4	0	0

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

CLASS LVII.—SOAP, TALLOW, WAX, AND OTHER MANUFACTURES OF OLEAGENOUS SUBSTANCES.

SOAP manufactured and exhibited by the Bombay Steam Soap Candle Works Company, Limited (loan).
Soap—A figure of Ganpati.
Do.—Two figures of female attendants on Ganpati.
Do.—One figure of a coolie carrying faggots.
Pale transparent soap-cakes.
Pink soap-cakes.
Vegetable do.
Carbolic acid cakes.
Almond ditto.
Coal tar ditto.
Superior toilet soap.
Pale soap bars.
Extra, ditto.
Marble, ditto.
White, ditto.

The soap manufactured by this company is much liked by the natives of the Bombay Presidency, and particularly that variety called "vegetable" soap is in much request. Hindus of the orthodox type would not touch a soap made of tallow or animal fat, as it is against the principles of their religion to do so. Such men and women in general, therefore, did not use soap at all, and contented themselves by cleaning their hands with simple earth or the soap-nuts (*Sapindus emarpinatus*). Since the production of the vegetable soap the objection to the introduction of that article in the native Hindu household is overcome, and soap is replacing the primitive clay and soap-nut throughout the Presidency.

LXI.—COTTON MANUFACTURES.

YARN AND CLOTH.—Manufactured and exhibited by the Colaba Land and Mill Company, Limited, Bombay, (loan).
Old preparation and yarns from Broach ground cotton :—
No. 1, Cotton and carved sliver.
„ 2, Drawing silver.
„ 3, Slubbing bobbin.
„ 4, First intermediate bobbin.
„ 5, Second intermediate bobbin.
„ 6, Roving bobbins (2).

No. 7, Sundry samples of yarns of the following counts, three hanks of h sort.
40*s.* mule.
44*s.* „
54*s.* „
Preparation and yarns from Condwan cotton :—
No. 8, Cotton and tape.
„ 9, Card and drawing silver.
„ 10, Slubbing bobbin.
„ 11, Iniermediate bobbin.
„ 12, Roving bobbin.
„ 13, Yarns in hanks, (2 of each sort).
Mule, 12*s.*, 16*s.*, 20*s.*, 30*s.*
Waler, 20*s.*, 30*s.*
Preparation and yarns from Compta cotton :—
No. 14, Cotton tape and card drawing silver.
„ 15, Slubbing bobbin.
„ 16, Intermediate „
„ 17, Roving „
„ 18, Yarn in hanks, (1 of each sort).
Mule, 12*s.* and 16*s.*
Waler, 10*s.* and 20*s.*
LOTH.—Single piece *dhuti*, red flower border, pair weighing 2¾lbs., 37 inches, 9 yards.
Single piece *dhuti*, blue flower border, the same as above.
Pair *chádar*, 3lbs., 54 inches, 6 yards.
Piece long-cloth, 8½lbs., 29 inches, 36 yards.
Piece long-cloth, 8½lbs., 32 inches, 36 yards.
¼ Piece domestic, 22lbs, 32 inches, 72 yards.
Sample cuttings of the following descriptions of cloth :—
T-cloth, 5lbs., 27 inches, 24 yards.
„ 6 „ 26 „ 24 „
„ 6 „ 28 „ 24 „
„ 7 „ 26 „ 24 „
Printer, 8lbs., 44 inches, 39 yards.
Domestic, 19½lbs., 40 inches, 40 yards.
Madapollam 3½lbs., 34 inches, 24 yards.
Chadar 2¾lbs., 54 inches, 5½ yards.
Dhutis, 1½lbs. 33 inches, 8 yards, blue border.
Dhutis, 2½lbs., 40 inches, 10 yards, orange red border.
Dhutis, 1¾lbs., 36 inches, 8 yards, orange red border.
10 Cuttings of fancy *dhuti* borders of different flower patterns in Turkey ed, green, and blue.
Cutting saw-edge *dhuti* border.
10 Cuttings fancy checks and diamond sheets in Turkey red, green, and lue napkins.
Piece, weighing 4oz., 27 inches × 32 inches, check.
Piece, weighing 4oz., 29 inches × 28 inches, diamond.
Piece, towel, weighing 10oz., 32 inches × 52 inches, honeycomb.
LOTH, HOSIERY, AND YARN.—Manufactured by the Moravjee Goculdass Spinning and Weaving Company, Bombay, and exhibited by them (loan) :—

		Piece or pair.		Rs.	A.	P.	
8 lb.	red Tanna cloth	... 26″ × 24 yds.	1	5	8	0	per piece.
2¾ „	„ Mugta sheet	... 53″ × 6 „	1	1	10	0	„
6½ „	blue fancy stripe cloth	26½″ × 24 „	1	5	1	0	„
9 „	„ stripe cloth	... 30″ × 24 „	1	6	8	0	„
8 „	„ Tanna cloth	... 26″ × 24 „	1	5	4	0	„

		Piece or pair.		Rs.	A.	P.	
7 lb.	Indore T-cloth ...	29″ × 22	„ 1	3	12	0	per piece.
3½ „	T-cloth, blue end, No. 5000	26″ × 24	„ 1	1	14	0	„
14 „	bed tickings ...	29½″ × 39½	„ 1	9	8	0	„
19½ „	wide cloth	72″ × 30	„ 1	10	10	0	„
4 „	plain bed sheet, No. 5000	71″ × 6½	„ 1	2	4	0	„ pair.
2 „	14oz. Gottakore *dhuti*	44″ × 9½	„ 1	2	0	0	„ „
2½ „	ditto ditto	42″ × 8¾	„ 1	1	10	6	„ „
2 „	ditto ditto	36″ × 8	„ 1	1	6	0	„ „
2¾ „	pine *dhuti*	44″ × 9½	„ 1	1	14	0	„ „
2½ „	ditto	42″ × 8¾	„ 1	1	9	0	„ „
2 „	ditto	36″ × 8	„ 1	1	5	0	„ „
10½ „	red tape shirtings ...	43″ × 37	„ 1	7	0	0	per piece.

		Dimensions price		Rs.	A.	P.	
10 lb.	shirtings ...	38″ × 38 yds.	1	5	12	0	per piece.
6¼ „	plain blue fancy cloth ...	27″ × 24 „	1	4	14	0	„
7 „	Mexican cloth, No. 88 ...	32″ × 24 „	1	3	12	0	„
22 „	sail cloth ...	26″ × 39 „	1	11	12	0	„
3¼ „	grey towels ...	21″ × 38″ doz.	1	2	0	0	per doz.
3¼ „	bleached ditto ...	21″ × 38″ „	1	2	4	0	„
8½ „	ditto ditto ...	30″ × 49″ „	1	5	10	0	„
1½ „	ditto napkins ...	19″ × 19″ „	1	1	4	0	„
6½ „	table-cloth, bleached ...	36″ × 22 yds., p.,	1	4	8	0	„
10 „	stripe cloth, ditto ...	36″ × 24 „	1	6	4	0	„
8 „	drill cloth, ditto ...	28″ × 23½ „	1	5	0	0	„

HOSIERY GOODS—

Men's white rib shirts	... No.	1	dozen ½	8	4	0	per doz.
Do. honey-comb ditto	... „	20	„ ½	9	4	0	„
Do. plain ditto	... „	717	„ ½	8	12	0	„
Do. plain merino ditto	... „	14	„ ½	8	4	0	„
Do. rib ditto ditto	... „	17	„ ½	9	4	0	„
Boy's white plain shirts	... „	28	„ ½	4	1	0	„
Men's white rib jackets	... „	703	„ ½	10	12	0	„
Youths' white rib shirts	... „	711¼	„ ½	8	11	0	„
Men's white rib pants	... „	136	„ ½	9	11	0	„
Do. ditto	... „	131	„ ½	8	4	0	„
Do. plain merino pants	... „	27	„ ½	9	4	0	„
Do. rib ditto	... „	132	„ ½	9	3	0	„
Do. white rib caps	... „	214	„ ½	1	13	0	„
Do. plain ditto	... „	140	„ ½	1	4	6	„
Do. rib ditto	... „	214½	„ ½	2	1	0	„
Do. honey-comb caps	... „	215	„ ½	2	1	0	„
Do. white half-hose	... „	54	„ ½	1	10	0	„
Do. brown ditto	... „	4	„ ½	1	8	0	„
Do. ditto ditto	... „	3½	„ ½	1	3	9	„
Women's white hose	... „	78¾	„ ½	1	10	9	„

YARN—

10 lbs. yarn No. 20*s.* ...	Bundle	1	4	8	6	per bundle of 10lbs.
10 „ yarn No. 24*s.* ...	Bundle	1	4	13	6	„ „
½ „ knot sewing thread bleached knot		1	0	10	0	„ lb
½ „ ditto yarn No. 20*s.* ...		1	0	7	3	„ „
½ „ ditto No. 24*s.* ...		1	0	7	9	„ „

CLOTH AND YARN, manufactured and exhibited by the Indian Manufacturing Company, Limited, Bombay (loan).

					Rs.	A.	P.
One piece grey shirting,	34″, 38 yards,	7½ lbs,	15×15, No.	325 ...	3	13	0
Ditto,	34″, 38 „	8 „	16×15, „	525 ...	4	0	0
Ditto,	38″, 38 „	7¼ „	14×14, „	4,000 ...	3	10	0
Ditto,	38″, 38 „	8¼ „	14×15, „	1,600 ...	3	10	0
Ditto,	38″, 38 „	10 „	16×16, „	1,100 ...	4	14	0
Ditto,	38″, 38 „	10 „	17×17, „	117 ...	5	2	0
Ditto,	42″, 38 „	8¼ „	12×13, „	100 ...	4	3	0
Ditto,	42″, 38 „	8 10/12 „	13×13, „	500 ...	4	4	0
Ditto,	43″, 38 „	10 „	15×14, „	625 ...	5	4	0
Ditto,	44″, 38 „	8 „	14×13, „	888 ...	4	4	0
Ditto,	42″, 38 „	9 „	13×13, „	9,000 ...	4	5	0
Ditto, T-cloths,	32″, 24 „	6¾ „	18×18, „	7,200 ...	3	8	0
Ditto,	32″, 24 „	7 „	15×15, „	750 ...	3	0	0
Ditto,	32″, 24 „	7 „	16×17, „	808 ...	3	3	0
Ditto,	32″, 24 „	7 „	17×18, „	728 ...	3	7	0
One pair *dhutis*,	38″, 9 „	2¼ „	16×15, „	400 ...	1	5	0
Ditto,	40″, 10 „	2½ „	16×15, „	500 ...	1	7	0
Ditto,	44″, 11 „	3 „	16×15, „	700 ...	1	12	0
Tents, 11lbs., @ 7 annas per lb. ...	...	...		...	4	13	0
One bundle 30*s.* mule (mock water), 10 lbs., @ 7¼ annas per lb.				...	4	8	6
Ditto 40*s.* do. (ditto), 10 „ @ 2¾ „ „				...	5	15	0
Ditto 48*s.* do. (ditto), 10 „ @ 11 „ „				...	6	14	0

CLOTH AND YARN, manufactured and exhibited by the Kaiser-i-Hind Weaving Company, Bombay (loan).

	In.	Yds.	lbs.
1 pair *dhutis*	30 × 7	×	1½
Ditto	32 × 8	×	2
Ditto	35 × 9	×	2½
Ditto	42 × 9½	×	2¼
Ditto	43 × 9¾	×	3¼
Ditto	42 × 11	×	3¼
1 pair *chadar* or bed sheets	46 × 4¾	×	2
Ditto ditto	47 × 4¾	×	2
Ditto ditto	49 × 4¾	×	2¼
Ditto ditto	51 × 5¼	×	2¼
Ditto ditto	62 × 6	×	3¼
1 piece T-cloth	20 × 22	×	3½
Ditto domestic	20 × 45	×	10

No. 10*s.*, 1 hank yarns, ditto, 1 bundle ditto; No. 12*s.*, yarn, 1 hank spun from Antin, Agra, Tinnavelly, Indore, and Barsey cotton.

Ditto, 1 bundle, No. 16, yarn, 1 hank, ditto, 1 bundle; spun from Ginned Karanjee, Tinnavelly, Barsey, and Akote cotton.

No. 20*s.*, yarn, 1 hank, ditto, 1 bundle; spun from Jafferabad, Coimbatoor, Mahawa, Bhawnagar, Dhallera, Vudhwan cotton.

YARN, and samples of the processes of its preparation from Wadwan cotton, manufactured (and exhibited) by the Anglo Indian Spinning and Manufacturing Company, Limited, Bombay (loan).

No. 1 Raw cotton.
„ 2 Cleaned cotton.
„ 3 Lap.
„ 4 Card web.
„ 5 Card, sliver.

No. 6 Drawing frame silver, 1st head.
„ 7 Ditto, 2nd do.
„ 8 Ditto 3rd do.
„ 9 Slubbing bobbins.
„ 10 Intermediate bobbins.
„ 11 Roving bobbins.
„ 12 Caps (mule yarn), Bobbins (Throstle yarn).
„ 13 Hanks.
„ 14 Bundle of 20s., mule yarn.

CLOTH, THREAD, AND HOSIERY, manufactured and exhibited by the *Manockjee* Petit Manufacturing Company, Limited, the yarns being dyed by the Bombay Dyeing and Manufacturing Company, Limited (loan).

CLOTH—

			Rs.	A.	P.	
White table napkin	18″ × 18″		1	4	0	per doz.
Do. *akha bakha* towel ...	18″ × 30″		1	8	0	„
Do. honey-comb do. ...	20″ × 36″		1	10	0	„
Striped galatea, brown	28″ × 24″	yds.	6	0	0	per piece.
Ditto, red	28″ × 24″	„	6	0	0	„
Ditto, green	28″ × 24″	„	6	0	0	„
Striped broad galatea, red ...	28″ × 24″	„	6	0	0	„
Do. galatea, blue	28″ × 24″	„	6	0	0	„
Do. broad galatea, blue ...	28″ × 28″	„	6	0	0	„
Do. ditto, brown ...	28″ × 24″	„	6	0	0	„
Plain gingham	26″ × 24″	„	5	0	0	„
Ticking, drilled	26″ × 45″	„	7	12	0	„
Ditto	40″ × 30″	„	8	12	0	„
Twill gingham	28″ × 24″	„	6	0	0	„
Ditto	28″ × 24″	„	6	4	0	„
White table napkin	24″ × 24″	„	2	0	0	per doz.
Ditto	18″ × 18″	„	1	4	0	„
Plain gingham	25″ × 24″	„	4	8	0	per piece.
White table-cloths	76″ × 12″	„	7	0	0	„
White twill cloth	36″ × 24″	„	6	4	0	„
Ticking, red and blue	26″ × 45″	„	7	12	0	„
Gingham cloth, white and brown ...	36″ × 24″	„	5	10	0	„
Blue and white small check gingham	36″ × 24″	„	6	12	0	„
Ditto broad ditto ...	44″ × 24″	„	7	8	0	„
White honey-comb towels ...	36″ × 60″	„	5	2	0	per doz.
Do. picque	30″ × 24″	„	5	10	0	per piece.
Striped shirtings	30″ × 24″	„	4	8	0	„
Ticking twills	30″ × 24″	„	6	3	0	„
Striped ginghams	30″ × 24″	„	6	0	0	„
White honey-comb bathing towel ...	33″ × 55″	„	4	10	0	per doz.
Cotton, lustre	22″ × 32″	„	6	0	0	per piece.
Royal Turkish white towels for bath,	38″ × 60″	yds.	10	0	0	per doz.

THREAD—

Small balls, 160 to a lb.	0	10	0	per bundle.
Ditto ditto	0	12	0	„
Ditto ditto	0	15	6	„
Large balls, 16 in a box	0	15	0	per box.
Ditto ditto	1	1	0	„
Unglazed hand-sewing thread, 4 lb. bundles ...	2	4	0	per bundle.
Glazed sewing thread, 80 skeins to a lb. ...	0	15	0	„
Crochet cotton thread, 6 cards	0	15	0	per box.
Marking cotton thread, red	0	6	0	„

	Rs.	A.	P.	
Glazed-thread, on cards, 100 yards, white ...	2	0	0	per gross.
Ditto, ditto, black ...	2	4	0	„
Ditto, ditto, assorted colors	2	4	0	„
Ditto, ditto, 50 yards, white ...	1	4	0	„
Ditto, ditto, black ...	1	6	0	„
Glazed thread, on cards, assorted colours ...	1	7	0	„
Mending-cotton, on cards, 50 yards ...	1	12	0	„
Glazed thread, on reels, 300 „ white ...	8	8	8	„
Ditto, ditto, 300 „ black ...	8	12	0	„
Ditto, ditto, 200 „ white ...	6	0	0	„
Ditto, ditto, 150 „ „ ...	4	8	0	„
Ditto, ditto, 100 „ „ ...	3	0	0	„
Ditto, ditto, 50 „ „ ...	1	10	0	„
Ditto, ditto, 200 „ coloured ...	7	0	0	„
Three cards sewing-thread, on reels, 200 yards, white	3	12	0	„
Ditto, ditto, 100 ...	3	0	0	„
Ditto, ditto, 200 yards, colored	7	0	0	„
Ditto, ditto, 100 ...	3	12	0	„
Ball, twine, white, 16 balls in a bundle ...	1	12	0	per bundle.
Ditto, colored, ditto ...	2	0	0	„

SIERY—

Lady's navy hose	7	0	0	per doz.
Women's brown hose	1	8	0	„
Do., fancy striped hose	2	6	0	„
Ladies' brown hose	5	0	0	„
Ditto	6	0	0	„
Ladies' white hose, fine gauge	5	8	8	„
Women's fancy striped hose	2	8	0	„
Ditto	2	12	0	„
Ditto	2	4	0	„
Boy's fancy socks	4	0	0	box of 5 dzs.
Ditto	5	8	0	„
Ditto	4	4	0	„
Ditto	3	0	0	„
Ditto	3	4	0	„
Boy's brown fancy socks	0	13	0	per doz.
„ white socks	1	0	0	„
„ brown „	0	12	0	„
„ white „	0	14	0	„
„ fancy guernsey, 20″	4	12	0	„
Ditto, 18″	2	8	0	„
Fancy white do., 20″	4	0	0	„
Ditto do., 22″	4	4	0	„
Men's fancy guernsey	9	8	0	„
Ditto	10	0	0	„
Polo jersey, fancy striped	12	0	0	„
Fancy guernsey	9	8	0	„
Merino guernsey	5	12	0	„
Ditto	7	0	0	„
Ditto	8	4	0	„
Ditto	9	8	0	„
Fancy half-hose	2	6	0	„
Ditto	3	12	0	„
Mottled do.	4	4	0	„

Fancy striped half-hose	...	...	2	4	0	per dozen.
Ditto	...	...	3	8	0	„
Mottled half-hose	...	...	4	4	0	„
Brown do.	...	...	3	8	0	„
White do.	...	...	3	6	0	„
Brown do.	...	...	3	8	0	„

YARN AND CLOTH.—Manufactured by the Coorla Spinning and Weaving Company Bombay, and exhibited by them (loan).
No. 50*s*. mule, specially made from Surat cotton.
No. 20*s*. mule, China yarn (price 6⅝ annas per lb.)
No. 10*s*. mule, China yarn (price 6 annas per lb.)
Sheets, 108 inches 2½ feet (price Rs. 2 per sheet.)
Do., 70 inches by 9 feet (price Re. 1 per sheet.)
Table-cloth, 7 feet by 8 feet (price Rs. 2 per piece.)
Turkey red bordered dhotis, 42 inches 6 yards (price Re. 1 per dhuti.)
T-cloth, 7 lbs. 32 inches 24 yards (price 7¾ annas per lb.)
T-cloth, 3¾ lbs., 24 inches 22 yards (price 7½ annas per lb.)
Longeloth, 14lbs, 43 inches 35 yards (price 7½ annas per lb.)
Sailcloth, 18 inches 46 yards (price 7 annas per lb.)
Bath towels, 28 inches by 40 inches (price Rs. 3 per dozen.)
Napkins, 24 inches by 24 inches (price Re. 1¾ per dozen.)
Napkins, 21 inches by 21 inches (price Re. 1½ per dozen.)
Ditto ditto ditto.

COLLECTION OF YARN AND CLOTH, MANUFACTURED AT THE BHAVNAGAR CO.'S MILL.

Lent by the Bhavnagar Darbar.

CLASS LXVIII.—PAPER.

PAPER.—Different sorts, manufactured at the Girgaum Paper Mill, Bombay Exhibited by Bábáji Kásináth of Bombay (loan).

CLASS LXXXI.—OTHER PRODUCTS AND MANUFACTURES NOT SPECIFIED.

A COLLECTION OF CLAYS, GLAZING MATERIALS, AND PIGMENTS used in Indian pottery is exhibited to illustrate the processes of manufacture by Bálkrishna Atmárám Gupte of Bombay (loan):—

Katch clay (1st class).
Ditto (2nd class).
Ratnagiri clay.
Shivdi clay.
Quartz.
Do. (burnt).
Flint.
Do. (burnt).
Felspar.
Borax.
Crude carbonate of soda.
Pápad ánadí.
Oxide of copper.
Litharge.
Iodide of lead.
White clay.
Ochre.
Red sand.
Sandstone.
Anadi.
Yellow glaze, prepared mixture.
Light green glaze.
Yellowish glaze.
Blue glaze.
Green glaze.
Clear glaze.
Oxide of manganese glaze (blue glaze)
Lapis lazuli.
Fancy stone works. Made at Cambay and exhibited by Dyal Tricum (for sale)

SECTION G.—MACHINERY AND IMPLEMENTS, MEANS OF TRANSPORT, APPLIANCES, AND PROCESSES USED IN COMMON ARTS AND INDUSTRIES, INCLUDING MODELS AND DESIGNS.

CLASS XCII.—BLACKSMITHS' WORK, LOCKS, SAFES, &C.

	Rs.	A.	P.
Padlock. Made by a blacksmith at Dingole near Belgaum, and exhibited by Hucharo Achut of Belgaum (for sale) ...	4	0	0
Padlocks (3). Exhibited by the Limdi Darbar (loan).			
Locks (4). Exhibited by H. H. the Maharajah of Baroda (loan).			
Locks (11). Exhibited by the Central Committee, Baroda (sale).			
Iron fireproof safe. Made by Shankar Harichand and exhibited by Harichund Muncharám of Bombay (for sale) ...	100	0	0
Bridles. Exhibited by the Baroda Central Committee (loan). Maker Sateji Govind. Has pricks which protrude on pressing the key.			

CLASS XCVIII.—SPINNING, WEAVING, AND ROPE-MAKING.

Reeds and healds. By F. K. Oldhan.—Reeds and healds are both worked together in all looms where silk, cotton, jute, or woollen textile fabrics are made. The machinery for making the same has been imported from England by the firm Moolajee Jaitha & Co., Bombay. The machinery is worked, and material prepared exclusively by the natives themselves. The new industry has only been established since September 1881, and is the only one of the kind in India, as previous to its establishment all had to be imported from England and France, and promises to facilitate and take a very prominent part in the cotton industry.

SECTION H.—FOOD PRODUCTS.

CLASS CXV.—BREAD STUFFS AND ARTICLES MADE THEREFROM.

Flour and Corn. Prepared and exhibited at the East India Mills by Messrs. Bapty Brothers, Bombay (Presentation).
Extra superfine flour.
Superfine flour.
Purified semolina (from soft wheat).
Cleaned pollards.
Ditto, bran.
Pure whole meal.
Specimens of cleaned and dressed wheat used in the preparation of above.
Selected white wheat.
Ditto red do. (from the Central Provinces).
Ditto white wheat.
Ditto red do. (from the Delhi and North-Western districts).
Split peas from white peas grown in the Cawnpore district.
Cleaned and dressed "katha" wheat.
Ditto ditto finest hard white wheat.
Semolina, prepared from hard white wheat.
Samples of cheese. Made at the Government farm at Bhadgaon in Khandeish, exhibited by the Superintendent of the farm. Puncria berries used as a substitute for rennet (Presentation).

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

CLASS CXLIV.—ETHNOLOGICAL COLLECTION.

Turbans or hats. Worn by the natives of India in the Bombay Presidency, and exhibited by the Bombay Committee, Calcutta International Exhibition. (loan.)
Brahmani turban (worn by Dekkan Brahmins, and other high class Hindus).
Prabhu turban (worn chiefly by the Pattan or Bombay Parbhus).
Ahmedababadi Turban (worn by Hindus of Ahmedabad.)
Surti Bania turban (worn by Hindus of Surat).
Bhownaggri do. (do. Bhávnagar).
Bombay Bania turban (worn by the Banias of Bombay).
Mahráta do. (do. Dekkan Maráttas).
Káyastá do. (do. Gujrátti Káyastás..)
Márwári do. (do. money-lenders of Márwar).
Bhátiá do. (do. Bhátiás or Katch Hindu traders).
Sindi do. (do. people in Scind).
Do. do. (do. do. do.)
Iráni Parsí do.
Dekkani Mahomedan turban.
Parsí turban (worn by wealthy Parsís).
Do. (Khoká).
Konkani Mahomedan turban.
Parsi turban (worn by wealthy Parsis).
Ditto do.
Bohra of Malwa's do.
Do. of Ahmedabad's do.
Do. of Surat's do.
Do. of Katch's do.
Katchi turban (worn by all Mahomedan Khojas in Katch).
Ditto (worn by all residents of Katch.)
Katchi Mahomedan turban.
Ordinary Mahomedan do.
Surti Nawáb do.
Dekkani Mahomedan butcher's turban).
Clay Model figures. Made by Sakháram Shet Sonar, of Poona, and exhibited by the Collector of Poona (for sale).

	Rs.	A.	P.
"Thakur" and his wife (aborigines).	40	0	0
"Kathari" and his wife (aborigines).	40	0	0
Maratha and his wife (domestic servants).	40	0	0

Image of god Shrinivás with his wives, Shri Devi and Bhu Devi, on either side (carved work on sandal wood).
Exhibited by Huchrao Achut of Belgaum (for sale) ... 10 0 0

BRITISH BURMA.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING HOUSES AND OTHER BUILDINGS.

CLASS XXIII.—FURNITURE AND UPHOLSTERY.

Lacquer betel box, a good example of a pattern and color now obsolete. Lent by the Rangoon Municipality.
Gilt lacquer tables (Rs. 55, Rs. 28), purchased by the Local Administration, made by Maung Pa, Prome. The effect is obtained by allowing the black lacquer to show through the gilding, which is laid over it, so that the figures and ornaments appear as if drawn in black on a gold ground.
Gilt lacquer inkstand (Rs. 15) and box (Rs. 28), purchased by ditto.
Black lacquer panels (Rs. 18) purchased by ditto, made by Maung Pa, Prome. The ornaments are moulded separately and applied with lacquer.

CLASS XXV.—STONE UTENSILS, POTTERY, PORCELAIN, AND EARTHENWARE.

Case of kaolin jars, specimens of pottery made from kaolin found near Prome. Lent by J. Anderson, Esq., Prome.
Flower-holder (Rs. 5), purchased by the Local Administration, made by Shans at Bilin, used to carry flowers in when worshipping at the pagoda.

CLASS XXVI.—METALWARE, HARDWARE, AND CUTLERY.

Image of Gotama, lent by the Rangoon Municipality, made by Maung Ba, Kemmendine.
Image of Gotama (sitting position, Rs. 60), purchased by the Local Administration, made by Maung Ba, Kemmendine.
Image of Gotama (recumbent position, Rs. 60), purchased by the Local Administration, made by Maung Ba, Kemmendine.
Stand of triangular gongs (Rs. 180), purchased by the Local Administration, made by Maung Tha Aung, Rangoon. These gongs cost Rs. 4-8 and Rs. 3-8 a *viss*, according as they are more or less burnished.

CLASS XXXI.—DECORATIVE WORK INCLUDIND CARVING AND ARTWARE.

Carved teak sideboard, made by Maung San of the Institute of Industrial Arts, Rangoon. The back is carved out of a single plank one inch thick. Value Rs. 800 in Rangoon. Lent by the Rangoon Municipality.
Pair of carved teak wood flower-stands, made at the Institute of Industrial Arts, Rangoon, by Maung Shwe Tha. Value Rs. 90 in Rangoon. Lent by the Rangoon Municipality.
Carved teak gong stand consisting of two wild men holding a carved stick carrying a triangular gong, lent by the Rangoon Municipality, made at the Institute of Industrial Arts, Rangoon.
Carved teak sideboard, gong-stand, and gong, lent by Colonel Plant, Commissioner of Tenasserim, made by Maung Ta Lok of Henzada.

Burmese figures, lent by the Rangoon Municipality, carved by Maung Sen.
Carved elephant's tusk, lent and carved by Maung Nyaing, Moulmein.
Ivory paper-knife, the handle of open tracery, through the interstices of which a figure has been carved in the centre : a niello band binds it to the blade ; lent by Maung Po, Prome.
Pair of carved teak brackets, lent by E. C. Buck, Esq., Secretary to the Government of India, Revenue and Agricultural Department, made by Maung On Gaing, Rangoon.
Carved teak bowl-stand, made by Maung On Gaing, Rangoon, lent by the Bishop of Rangoon.
Carved teak steering chair (Rs. 215), purchased by the Local Administration, made by Maung Taung, Rangoon. This class of carving costs about Rs. 10 a square foot.
Carved shrine of teak (Rs. 320) to hold a sitting and recumbent figure of Gotama, purchased by the Local Administration, made by Maung Tha Yaung. The carving at the back of the image costs Rs. 20 a square foot and consists of intertwining foliage in three planes.
Carved teak gong-stand, supported by an elephant (Rs. 160), purchased by the Local Administration, made by Maung On Gaing. The elephant is 2½ feet high, lacquered black; a wreath of foliage encloses the gong.
Bullock cart carved out of a solid block of teak (Rs. 160), purchased by the Local Administration, made by Maung San. This sort of cart is used on festival occasions.
Carved teak hall table (Rs. 380), purchased by the Local Administration, made by Maung Pe San of the Institute of Industrial Arts, Rangoon.
Sideboard back (Rs. 160), purchased by the Local Administration, made by Maung Po Ka of the Institute of Industrial Arts, Rangoon.
Carved ivory chessmen (Rs. 320), purchased by the Local Administration, made by Maung Nyaing, Moulmein. The pieces consist of king, general, elephant, carriage, knight, and pawn.
Figure carved in centre of ivory tracery (Rs. 55), purchased by the Local Administration, made by Maung Shwe Go, Moulmein.
Carved ivory figure of a dancing girl (Rs. 23), purchased by the Local Administration, made by Maung Shwe Go, Moulmein.
Carved figure of a player (Rs. 25), purchased by the Local Administration, made by Maung Shwe Go, Moulmein.
Carved ivory dessert knife (Rs. 33), purchased by the Local Administration, made by Maung Shwe Go, Moulmein.
Two carved ivory paper-knives (Rs. 18 each), purchased by the Local Administration, made by Shwe Maung Go, Moulmein.
Carved teak gong-stand (Rs. 180), sent for sale by the Institute of Industrial Arts, Rangoon, made by Maung Myat Tha U.
Carved teak panels (Rs. 27), sent for sale by the Institute of Industrial Arts, Rangoon, made by Maung Myat Tha U.
Carved teak easy chair (Rs. 20), sent for sale by the Institute of Industrial Arts, Rangoon, made by Maung Myat Tha U.
Carved ivory paper-weight (Rs. 55), sent for sale and made by Maung Nyaing, Moulmein.

NOTE.—Wood carving.—The material costs about Rs. 3 a cubic foot in the market, except for very broad planks, which cost more. If any joiner's work has to be done, it should be calculated for at Rs. 2 a day. Carvers obtain from Rs. 3 to Rs. 10 and in one instance Rs. 20 a square foot. Very good work can be obtained for Rs. 6 a square foot.

CLASS XXXII.—CARPETS, HANGINGS, TAPESTRY, FURNITURE-STUFFS, MATTING, PAPER-HANGINGS.

Appliqué hangings (*Salakat Kalaga*), lent by the Rangoon Municipality, made by U. Cha Swe, Rangoon.

Appliqué hangings (Rs. 90, Rs. 75), sent for sale and made by U. Cha Swe Rangoon.
Silk embroidered hangings (Rs. 310), purchased by the Local Administration, made by U. Cha Swe, Rangoon.

Note.—Appliqué hangings or *kalagas*. These hangings are made by cutting figures, foliage, and flowers, and geometrical patterns out of different colored cloths, and sewing them on to a cloth background, which is generally red They can be made of any size, and commend themselves for the flowing yet graceful lines of the foliage and the grotesque attitudes of the figures. The color effect also is very good. The work can be done on any colored ground that may be chosen, provided a pattern is sent.

Ordinary work can be obtained for 8 annas a square foot and the best at 10 annas a square foot.

The same subjects but in better borders can be obtained embroidered in floss silk on a cloth ground at a rate of Rs. 6 a square foot. There is only one man at present who is able to do this work.

CLASS XXXIV.—BRONZES ORNAMENTAL WORK IN GOLD, SILVER, AND OTHER METALS.

Gold cup lent by J. A. Bryce, Esq., Rangoon, presented to him by the King of Burma.
Gold harness trappings lent ditto, made by Maung Chwet Ni, Rangoon.
Shan work copper box inlaid with silver. The copper is blackened by mixing with gold and sulphur, lent ditto.
Silver cup, lent ditto, made by Maung Chwet Ni, Rangoon.
Silver box, lent ditto, made at Yomethen in Upper Burma.
Silver niello letpet box, probably of Yunan work, lent ditto.
Silver gilt box from the border land between Upper Burma and China, lent ditto.
Copper box inlaid with silver, lent ditto.
Silver Shan work lime box and silver pipe, lent ditto.
Paper knife of Moulmein work, ivory handle, having a figure carved through the interstices of the foliage, silver sheath, ivory blade, lent ditto.
Silver sugar basin lent by Major Spearman, Rangoon, made by Maung Chwet Ni, Rangoon.
Silver salt cellars. lent ditto, made ditto.
Silver hair brush handle, lent ditto, made at Prome, old style of work.
Silver medicine box, lent ditto, made at Paungdé.
Silver tumbler cover, lent ditto, made at Thayetmyo.
Silver race cup, lent by J. F. Dickson, Esq., Rangoon, made by Maung Po Thet Rangoon, Jeypur gold medallist, January 1883.
Silver-mounted sword, lent by J. E. Bridges, Esq., Bassein.
Shan swords and spear, and Talaing bow, lent by Maung Shwe Maung, Moulmein.
Butter dish and stand, lent by Colonel Plant, Commissioner, Tenasserim, made by Maung Tha Myat, Thayetmyo.
Stamp box, lent ditto, made ditto on the model of a *pa*, or basket used as a travelling box in Burma.
Nest of silver boxes of Shan work, lent by Maung Shwe Maung, Moulmein.
Silver betel-box, lent ditto, made by Maung Shwe Yon. This is of open *repoussé* work with a plain silver lining. The cover is ornamented with gold tracery.
Silver bowl stand of rough Shan work, lent ditto.
Silver bowl, lent by Maung Mo, Moulmein, made by Maung Po Che, Moulmein.
Silver betel-box of old workmanship, very inferior to the present, lent ditto.
Silver cup, a specimen of the best kind of old work, lent by Maung Mo, Moulmein.
Shan betel-box with small cups of modern work and a silver niello lime-box. Lent by Maung Taw A., Moulmein.
Gold cup on silver stand, lent ditto.

Gold betel-box of old workmanship, on gold stand, lent by Maung Taw A., Moulmein.
Old silver bowl, lent ditto.
Silver bowl stand of rough Shan work, lent ditto.
Silver betel-box, lent ditto, made by Maung Shwe Shwe, Moulmein.
Silver Shan work cheroot box, lent ditto.
Old silver bowl lent by Maung Thaya, Moulmein.
Oval Shan cheroot box, lent ditto.
Silver mounted sword and dagger, lent by Maung Hlé, Moulmein, made by Maung Te, Moulmein.
Old silver bowl, lent ditto.
Gold lime box, lent by Maung Po Maung, Prome, made by Maung Bya, Prome. The box is lined with silver which is not affected by the lime. The outside cover and sides are made of open gold *respoussé* tracery dyed red in parts.
Silver bowl. lent by Maung To, Ramree. Made by Maung Shwe Ba in old style with the twelve signs of the zodiac.
Gold bowl lent by R. Rowett, Esq., Rangoon—presented by the Queen of Burma to Mr. Rowett.
Silver cheroot case, lent ditto. Bought at Mandalay.
Silver prize cup, lent by H. Wooton, Esq., Rangoon, Thayetmyo work.
Silver oval cheroot box, lent by G. E. L. Dawson, Esq., Rangoon. A good example of delicate Shan work.
Silver-gilt niello cigar case, lent by M. R. Cowie, Esq., Rangoon, made by Maung Po, Shwegyin.
Silver salt cellars, lent by E. M. Sage, Esq., B. B., P. W. D., made by Maung Shwe Waing, Rangoon.
Silver drinking cup, lent by Maung Po Myin, Rangoon, made in Moulmein 30 years ago in imitation of English work.
Silver sugar basin and milk jug, lent by T. A. Bryce, Esq., Rangoon, made by Maung Chwet Ni, Rangoon.
Silver bowl, lent by Maung An, Bassein. Old work with figures of animals in eight panels.
Old silver bowl with the signs of the zodiac represented in medallions, lent by Maung Sugalè, Bassein.
Silver betel-box of Shan work, lent ditto.
Old silver teapot, lent by Maung San U, Bassein.
Shan work silver tobacco box, lent ditto.
A pair of swords with carved ivory handles and no scabbards, lent by Maung Nyun Gye, Bassein.
Silver pot, lent by J. Anderson, Esq., Prome, made at Thayetmyo.
Silver Shan betel-box bought in Mandalay, lent by Mr. Abraham, Prome.
Silver powder box and stand, lent by Maung Po, Prome, made by Maung Kwet, Prome.
Silver bowl, lent by Maung An, Prome, made by Maung Bya, Prome.
Silver bowl, lent by Maung Pe, Prome, made by Maung Tha Shun, Thayetmyo. This is made in the old style of very low bas-relief.
Pierced silver bowl, lent by the Bishop of Rangoon, made by Maung Shwe Yon.
Silver presentation piece, lent by Captain A. G. Schuyler, 2nd D. C. O., made by Maung Po Thet, gold medallist, Jeypur Exhibition, 1883.
Pierced silver bowl-lining of copper blackened by an admixture of gold and sulphur, lent by R. Rowett, Esq., Rangoon, made by Maung Shwe Bin.
Piece of silver work lent by the Rangoon Municipality. The kings of Burma use a stand of this pattern, but made of gold, to place their water cups in. *Repoussé* work, pierced work in the *repoussé*, plate tracery figures, figures in the round and in *bas-relief*, and cast work engraved and chased are represented in this piece, made by Maung Shwe Yon.
Pierced silver bowl on a silver stand, lent ditto, made by Maung Po Thet, gold medallist, Jeypur Exhibition, 1883.
Silver biscuit box, lent by A. M. Otter, Esq., Rangoon, made by Maung Shwe Yon.
Shan betel-box used by Shan tribes living between Burma and China, lent by the Rangoon Municipality.

Niello paper-knife, blade in silver enamel, hilt of niello in an alloy of gold and brass, handle damascened in silver on a matrix of copper blackened by a mixture of gold, lent by the Proprietor, *Rangoon Gazette*, made by Maung Shwe Yon.
Silver presentation piece, lent by H. H. Mathews, Esq., made by Maung Aung Myat, Thayetmyo.
Ivory paper-knives lent by T. T. Elmes, Esq., Rangoon, made by Maung Kya Gaing, Rangoon.
Silver copper pot, lent ditto, made by Maung Po Thet, Rangoon.
Silver bowl and stand, and silver glass stand made in Mandalay, lent by Rangoon Municipality.
Model of a pagoda in block tin (Rs. 60). Burmans and Shans sometimes place these models near their houses and worship at them. Purchased by Local Administration, made by Ah Mu, Moulmein.
Vase and stand in block tin (Rs. 35). The tin is smelted in Mergui. Purchased ditto, made ditto.
Four plates (Rs. 22, Rs. 10), purchased ditto, made ditto.
Chinese teapot (Rs. 10), ditto ditto.
Block tin betel-box (Rs. 24), ditto ditto.
Ditto card-box (Rs. 15). ditto ditto.
Ditto sugar-box (Rs. 17), ditto ditto.
Ditto candlesticks (Rs. 38), ditto ditto.
Silver bowl (Rs. 95), ditto, made by Maung Tha Shun, Thayetmyo.
Silver betel-box (Rs. 152), purchased by the Local Administration, made by Maung Chwet Ni, Rangoon.
Silver niello cup and platter (Rs. 233), purchased ditto, made by Maung Po, Shwegyin.
Silver cup (Rs. 102), purchased ditto, made by Maung Bya, Prome.
Silver cup (Rs. 26), purchased ditto, made by Maung Po Nyun, Shwegyin.
Silver cup (Rs. 26), purchased ditto, made by Maung Tun Hla, Shwegyin.
Betel-nut cracker (Rs. 4), purchased ditto, made by Maung Tet Tun, Shwegyin.
Tumbler-stand (Rs. 86), sent for sale by Maung Na To, Kyaukpyu, made by Maung Shwe Ban, Kyaukpyu. This is a sample of Arakanese work illustrating the influence of Indian customs on the work-people.
Tumbler-stand (Rs. 102), sent for sale by Maung Kraing Aung, Kyaukpyu, made by Maung Kraing Ni, Kyaukpyu.
Large silver bowl (Rs. 530), sent for sale by J. H. Bryce, Esq., Rangoon, made at the Burmese Artists' Workshop.
Silver teapot (Rs. 315), sent ditto, made by Maung Chwet Ni.
Silver bowl (Rs. 202), sent for sale by Maung Po Kin, Moulmein, made by Maung On Gaing, Moulmein.
Silver tea service (Rs. 465), sent for sale by Messrs. Edmund Jones & Co., Rangoon, made by Maung Shwe Yon, Rangoon.
Gold lime box (Rs. 122), sent for sale by Maung Aung Se, Rangoon, made by Ma E Byu. A good specimen of filigree work applied to a box.
Silver centre box (Rs. 1,060), sent for sale and made by Maung Chwet Ni, Rangoon.
Two gold cups (Rs. 1,000), sent for sale by Maung On Gaing, Moulmein, made by ditto.
Silver niello spoon and fork (Rs. 41), sent for sale and made by Maung Po, Shwegyin.
Silver niello wine-glass (Rs. 61), sent for sale and made by a pupil of Maung Po, Shwegyin.
Silver mug (Rs. 202), sent for sale by Maung Taw U, Akyab.

Note.—Silver work is of two kinds, pierced and ordinary. A pierced bowl is lined with a plain, polished, silver one and both are weighed together. The rate is then the same as for ordinary work.

The best workman charges one rupee for workmanship on a rupee's weight. Second class work can be obtained at 14 and 12 annas per rupee's weight for workmanship.

Prices of bowls at rate of one rupee for workmanship.

PRICE IN RUPEES.	PIERCED WORK.		ORDINARY WORK.	
	Diameter in inches.	Height in inches.	Diameter in inches.	Height in inches.
500	$10\frac{1}{2}$	$7\frac{1}{2}$	13	9
400	$8\frac{1}{2}$	$5\frac{1}{2}$	12	$8\frac{1}{4}$
300	$7\frac{1}{2}$	5	$10\frac{1}{2}$	7
250	7	$4\frac{3}{4}$	9	$6\frac{1}{4}$
200	6	$4\frac{5}{8}$	8	$5\frac{1}{2}$
150	5	$3\frac{3}{4}$	7	5
100	$4\frac{1}{2}$	$3\frac{1}{4}$	$5\frac{1}{2}$	$4\frac{1}{4}$
50	$3\frac{1}{2}$	$2\frac{3}{4}$	$4\frac{1}{2}$	$3\frac{1}{4}$
25	.....	.....	$3\frac{1}{2}$	$2\frac{3}{4}$
20	.....	.....	$3\frac{1}{4}$	$2\frac{1}{2}$
10	.....	.....	$2\frac{1}{2}$	2

CLASS XXXVI.—OTHER HOUSEHOLD UTENSILS AND APPLIANCES.

Shan betel box used by Shan Princes only. Somewhat similar to that used by Buddhist priests in Burma, lent by Maung On Gaing, Moulmein.
Shan rice bowl and two lacquerware betel boxes, lent by Maung Tha Ya, Maulmein.
Shan rice baskets and brass water bowls with cover, lent by Maung Shwe Maung, Moulmein.
Sacred Buddhist tape used to tie up the palm-leaf books in a Buddhist monastery, lent by the Bassein Municipality.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASS XLVI.—APPAREL AND HABERDASHERY.

Shan paso, lent by Maung Shwe Maung, Moulmein.
Burman paso, lent by ditto.
Talaing hat, lent by ditto.
Shan Chief's paso, woven by the wife of a Shan Chief and presented by her to Maung Taw A at Zimmé, lent by Maung Taw A, Moulmein.
Zimmé coverlet, lent by ditto.
Shan soldier's uniform, consisting of a jacket, waistcoat, two pairs of trowsers, and two pasos, lent by ditto.
Shan blankets, lent by Col. Plant, Commissioner of Tenasserim.
Shan blanket, lent by Maung Shwe Maung, Moulmein.
Shan petticoats, lent by ditto.
Karen woman's dress, lent by ditto
Karen haversack, lent by ditto.
Arakanese jacket, lent by a student at the Government School, Kyaukyu.
Karen woman's head-dress. The white portion is passed around the forehead and then placed like a Roman head-dress, lent by the Bishop of Rangoon.
Karen woman's dress, consisting of jackets and petticoats, lent by the Rev. Dr. J. B. Vinton, Rangoon.
Silk pasos (Rs. 151 to Rs. 200), sent for sale by the Agent to the King of Burma.

CLASS L.—JEWELRY AND PRECIOUS STONES.

Gold necklace, Arakanese pattern, lent by the Akyab Municipality. Consists of a number of gold seeds strung on a string with pendants between the seeds.
Pair of gold bracelets of Arakanese pattern, lent by Maung Shwe Bya of Bassein.
Gold necklace, lent by Maung An of Passein.
Pair of gold bracelets lent by Maung Lu Galè of Bassein.
Gold necklace, Prome pattern, lent by Maung Po of Prome.
Ditto, ditto U Gan Aung of Prome.
Ditto, lent by U Ne Dun of Prome.
Gold comb, lent by Maung An of Prome.
Pearl and gold necklace and gold dalizan, lent by Maung Pe of Prome.
Silver dalizan, lent by Maung Po of Prome.
Silver solitaires and fish charms, lent by J. Anderson, Esq., of Prome.
Pair of gold earrings bought at Bamaw, and are worn by Kachin women, who on ordinary occasions wear the amber earplugs placed alongside, lent by Major Spearman, Rangoon.
Amber ring, lent ditto.
Silver cutch-box, worn at the belt by Chinese Shans and used to hold cutch. Lent ditto.
Silver bangle, worn by Chinese Shans, lent ditto.
Silver bracelet, made by Maung Tha Shun of Thayetmyo, lent ditto.
Gold Burmese order (*salwe*), presented by the late King of Burmah, the Mindon Min, together with the forehead piece or *bwè*. The *bwè* bears the title of *Danathiri Nawyata*, and is conferred on men of property, lent by G. E. L. Dawson, Esq., Rangoon.
Ruby ring, a rough ruby worth about Rs. 100, presented to Mr. Dawson by the late King, lent ditto.
Ruby, pearl, and emerald necklace, and a pearl and gold necklace, lent by Maung Shwe Maung of Moulmein.
Pair of diamond ear tubes. The diamonds are from the Cape, were cut in England and set upside down with a plate of gold underneath, valued at Rs. 3,800. Lent by Maung Tha Ya of Moulmein.
Gold necklace, gold eartubes, and gold chain, lent by Maung Ugôn of Moulmein.
Gold necklace of Talain pattern of dalizan, lent by Maung Taw A of Moulmein.
Ruby necklace made by Ma E Byu of Rangoon, the only dalizan of its kind in Lower Burma, lent by the Rangoon Municipality.
Tavoy gold necklace, lent ditto.
Gold hair ornament made by Maung Shwe Gan of Rangoon, lent ditto.
Gold necklace (Rs. 173). purchased by the Local Administration, made by Mâ E Byu, Rangoon, the only woman artist in Burma.
Silver necklace (Rs. 41), made by Maung Shwe Baw, Rangoon.
Gold necklace (Rs. 71) and gold hair ornament (Rs. 51), purchased ditto, made by Maung Shwe Tha Galè, Rangoon.
Silver necklace (Rs. 26), sent as a specimen of district work. Purchased ditto, made by Maung Po Maung, Prome.
Gold necklace (Rs. 152) of Prome pattern. Purchased ditto, made by Maung Po Maung, Prome.
Two gold necklaces (Rs. 655 and Rs. 205), sent for sale by Maung San Pyu, Kyaukpyu, made by Maung Chan E, Kyaukpyu.
Pair of gold bracelets (Rs. 645), sent ditto, made ditto.
Pair of gold bracelets (Rs. 505), Arakan pattern, sent for sale by Maung Shwe Nyun, Kyaukpyu, made by Maung Tha Dun, Kyaukpyu.
Gold bracelet (Rs. 325), sent for sale by Maung Shwe U, Kyaukpyu, made ditto.
Silver bracelet (Rs. 17), sent for sale by Maung Shwe Nyun, Kyaukpyu, made ditto.
Gold necklace (Rs. 305) of old-fashioned work, weighing 14 tolas and 2 annas, sent for sale by Maung Pu, Henzada, maker unknown.
Gold belt-plate (Rs. 333), sent for sale by L. Shain Tuck, Rangoon, made at Penang by a Chinaman after the Malay pattern.

Gold *hair ornaments* (Rs. 45, Rs. 53, and Rs. 47), sent for sale by L. Shain Tuck, Rangoon, made by a Chinaman in Rangoon.

Gold necklace (Rs. 175)
„ bracelets (Rs. 188 and Rs. 223)
„ bangles (Rs. 137)
} Sent by ditto, made in *Rangoon*.

Gold bracelets (Rs. 560), sent for sale by Maung Po Myin, Rangoon, made by Maung Shwe Tha Gyi.

Ruby rings (Rs. 232 *and* Rs. 177), sent by ditto. Burmese rubies set in Rangoon.

Gold necklaces (Rs. 72, Rs. 82, and Rs. 143) of an old pattern not worn now. Sent by ditto.

Gold wreath (Rs. 87), worn like a tiara and fastened to the hair with a *pangaing*, sent by ditto.

Gold hair ornaments and chain (Rs. 505, Rs. 101) of Chinese workmanship. Sent for sale by J. H. Gilbert, Esq., Rangoon.

Shan money and a Siamese coin (Rs. 10), sent ditto. The Shan money is a piece of very pure silver cut across the back with a knife. The Siamese coin has the print of an elephant on one side.

Pearl and gold necklaces (Rs. 303, Rs. 151), the former worn by children, the latter of an old obsolete pattern, sent for sale by Maung Myat Zan, Rangoon.

Gold necklace (Rs. 69), made at Penang, sent for sale by Maung Aung Le, Rangoon.

Gold chains (Rs. 132, Rs. 47), Burmese obsolete pattern, ditto ditto.

Gold necklace (Rs. 115), old pattern, ditto ditto.

Silver necklace (Rs. 61), sent for sale by Maung Chwet Ni, Rangoon, made by Maung Myab E., Rangoon.

Silver necklace (Rs. 66), sent for sale by Maung Myin Han, Rangoon, made by Ma Ryu, the only woman *artist in Burma*.

Note.—Gold and silver jewelry. The material is bought at current rates in the bazar, and wastage is included in the price of manufacture. Roughly speaking, two sovereigns weigh one *tical*.

The price for workmanship varies from Rs. 3 to Rs. 9 per *tical*, according to the finish of the work.

Very good work is obtained for Rs. 6. Silver dalizans cost from Rs. 20 to Rs. 60. A very good *dalizan* may be bought for Rs. 150 and upwards.

14·25 Rupees = 10 ticals.
1·425 „ = 1 tical.
1·000 „ = 0·7 „

CLASS LII.—OBJECTS NOT SPECIFIED.

Silver niello cheroot case, lent by Major Spearman, Rangoon, made by Maung Po, Shwegyin.

Burmese fan, painted in the palace at Mandalay, lent by Captain Child, S. S. Paulang, Rangoon.

Satin-wood stick with ivory handle (Rs. 40), sent for sale by Maung On Gaing, Moulmein.

Karen woman's yoke, lent by the Rev. Dr. J. B. Vinton, Rangoon. The crooked pieces of wood are placed on the shoulders, the load bound to the forehead by the ropes and forehead band.

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

CLASS CXLIV.—ETHNOLOGICAL COLLECTION.

Two alabaster images of Gotama, lent by J. A. Bryce, Esq., Rangoon.

Models of Irrawaddy boats, lent by the Bassein Municipality.

Set of Mergui musical instruments, composed of a *patala* or harmonium, a *saung* or harp, a *tayaw* or fiddle, and a *mijaung*, lent by E. S. Symes, Esq., Rangoon.

Model of Shan boat used by Shan chief, lent ditto.

Model of Burmese racing boat, lent ditto.

Kachyin weapons—a cross-bow, spear ornamented with horsehair, dyed red, a *dâ* in a sheath, lent by R. Rowett, Esq., Rangoon.

Model of racing boat, lent ditto.

Karen horn, pipe, and basket, lent by the Rev. Dr. J. B. Vinton, Rangoon.

CLASS CXLVI.—WEAPONS AND IMPLEMENTS OF THE CHASE.

Shan spears and musket, lent by Colonel Plant, Commissioner of Tenasserim.

Mergui walking sticks, lent ditto.

Silver-mounted *dâs*, lent by J. J. Elmes, Esq., Rangoon, made by Maung Kya Gaing, Rangoon.

INDORE DURBAR.

SECTION A.

Picture drawn by finger-nails.

SECTION D.

Sandal-wood writing-box.
Ditto *chauri*.
Ditto fan.
Carpet.
Iron heart.
Iron sling.

SECTION E.

Silk bordered *patal*.
Silk bordered *dhuti*.
Laced and silk bordered *sari*.
Red bordered white silk *pitamber*.
Colored *chunadis* for females, of sorts, 14 pieces.
Piece cotton mill cloth.
Six towels.

SECTION F.

Yarn.
Head-stall.
Belt.
Knobs on horse's cruppers.
Iron ore.
Paper *muradshai* and *sastekhani*.

SECTION G.

Model of country cart.
Ditto *cart*.
Ditto bullock *tanga*.
Ditto sikari cart.
Model of plough.
Ditto harrow.
Ditto sugar-cane crusher.
Ditto seeds drill.

The above articles are presented by His Highness the Maharaja Holkar of Indor

GWALIOR.

SECTION D.

Set of bed feet.
Two carpets.
Wooden *bhowra*.
Chukri.
Wooden box.
Gateway carved in solid stone.
Model of a tomb ditto.
Dies for chessmen.
Two silver *surahis*.
Silver *katora*.
Do. plate.
Two copper *lotas*.
Two Bidri trays.
Carpet.
Small pieces of carpets for door.
Carpets (2).

SECTION E.

One piece *doria*.
Ditto *Mahmudi*.
Ditto *mulmul*.
Patal.
Turban, gold bordered.
Golian.
Khun for bodice.
Dehliz.
Dhuti.
Sari.
Dyed cloth.
Zari cloth.
Dhuti, silk and gold bordered.
Dhuti, silk.
Puncha, silk.
Stick.

SECTION G

Shield.
Two guns.
Singrah.
Bow with 12 arrows.
Three swords.
Goorz.
Chhura.
Two knives.
Sword-stick
Dagger.
Guns.
Spears (12).
Swords.
Shield.
Large knife.

The above articles are exhibited by His Highness Maharaja Scindia of Gwalior.

SECTION D.

Wall bracket (9).
Miniature of an ornamented Bazaar in Laskar city, and illustrative of Gwalior carving.
Stone jugs (4).
Candlesticks (2).
Tray.
Inkstand.
Bidri trays (2).

SECTION E.

Cotton cloth, 5 firds.

These articles are exhibited by Major J. B. Keith, the Assistant Curator of Ancient Monuments for Central India.

BHOPAL.

SECTION B.

Tofai Shahjehani. | Frame for embroidery.

SECTION C.

Cholera medicine.
Consumption do.
Cure of consumption.

SECTION D.

Carpet.
Flower-glass.
Wooden box.
Stool covering.
A fan.
Book-stand.

SECTION E.

Lady's dress. | Lace necklaces.

SECTION G,

Sword. | Firearm.

(*Dug up in the fort of Bhopal, mounted on carriage.*)

Large knife (*chhurá*),

The above articles are exhibited by Her Highness the Begum of Bhopal.

BUNDELKHAND.

SECTION D.

Two stone cups.
Nut-cutter.
Two drinking-vessels.
Two *tabelas*, brass.
Casket, brass.
Danka, big spoon.
Inkstand, native.
Drinking-vessel, bell-metal.
Tumbler, bell-metal.
Toys made of brass.

SECTION E.

Turban.
Mahmudia, a kind of best cloth.
Coat.
Trousers.
Shoes.

SECTION F.

Skin of panther.
Skin of black buck.

SECTION G.

Matchlock.
Powder flask.
Spear.
Sword.

The above articles are exhibited by His Highness the Maharaja of Oorchha.

BUNDELKHA, DATIA.

SECTION A.

Plans of principal buildings in Datia.
Picture of H. H. Maharaja of Datia.

SECTION D.

Small carved wooden box.
Sample of carpet.
Ditto of blanket.
Sword-hilt, inlaid with gold.
Paper-cutter, inlaid with gold.
Paper-weight, inlaid with gold.

SECTION E.

Specimen of printed cloth.
Embroidered cloth for chess.
Embroidered handkerchief.
Ditto cap.

SECTION F.

Country papers.
Chintz printing instrument.

SECTION G.

Spear-heads, 2.
Lance-heads, 2.
Shield with 3 daggers.
Battle-axe.
Dagger, double edged.
Dagger.
Lock and key.

The above articles are exhibited by His Highness the Maharajah of Datia.

SECTION G.

Horse-bits.

The above articles are exhibited by His Highness the Maharajah of Sampthar.

SECTION B.

Specimens of handwritings in frames.

SECTION G.

Guzerrat sword.
Dagger.

SECTION I.

Model of plough.
Ditto *bakhar*.
Model of seeds drill.
Ditto *manjh*.

The above articles are exhibited by the Nawab of Baoni.

SECTION A.

Picture of late Maharajah Nerpat Singh.
Ditto of present Maharajah Rudder Pratap Singh.
Photo. of the temple of Baldeojee.
Do. of banner.

SECTION G.

Locks.

The above articles are exhibited by His Highness the Maharajah of Punna.

SECTION D.

Stone jug.
Cups of soapstone.
Tumbler and dish of soapstone.
Iron pans.
Vessel to hold perfumery, gold and silver.
Betel-nut holder, gold and silver.

SECTION E.

Coat (*angarkhan*).

SECTION G.

Spear with pistol.
Matchlock.
Sword, Turkish.
Sword (*talwar pahilwán*).

SECTION K.

Whip with pistol.
Walking-stick with gun.

The above articles are exhibited by His Highness the Maharajah of Bijawar.

SECTION A.

Photos. of buildings.

SECTION B.

Specimens of handwriting with nails.
Bottles with Persian writings.

SECTION D.

Ruler made of wood of *tendur tice.*
Desk of teak-wood.
Stone cup.
Model of grindstone.
Drinking-vessel of bell-metal.
Brass inkstand.
Looking-glass of polished steel.
Cup made of bell-metal and brass.
Dish made of bell-metal.
Kalsa made of brass.
Karoli.
Carpet (*kalin*).
Cotton carpet (*dari*).
Dish made of silver, engraved.
Boxes made of silver.
Dish made of brass.
Dish made of silver.
Tumbler made of silver.
Spoon made of silver.

SECTION E.

Brass anklets *paijna*).
Do. armlet (*bara*).
Do. anklets (*kara*).
Do. bracelet (*kakna*).
Brass anklets (*gungru*).
Do. bracel et (*dhurin*).
Do. ditto (*chura*).
Do. ditto (*patela*).
Do. toe-rings (*bichhia*).
Do. big do. (*ananta*).
Do. armlet (*bankani*).
Do. earring (*karanphul*).
Do. rings (*chhalla*).
Chakai of mica.
Bottles with balls, &c. (*khelwane*).
Wooden cups.
Fan.
Smoking-pipe.
Tape.
Colored cloth.
Mala made of musk.
Shoes.
Armlet (*bakhore*).
Earrings (*karanphul*).
Head-ornament of lac (*bij*).
Bracelet ditto (*kakna*).
Armlet (*bora*).
Bracelet (*patela*).
Ditto (*chura*).
Necklace of lac (*lalari*).
Ditto ditto (*paclari*).
Earrings (*karanphul*).

SECTION F.

Skin of stag.
Country papers made in Chhatarpur Jail
Country blotting-paper.

SECTION G.

Axe (*kulhari*).
Ramtoolah (*ramtoolah*).
Battle-axe (*dao*).
Sword (*talwar*)
Sword-stick, or secret sword (*gupti*).
Bow with 5 arrows (*tir kamtha*).
Sword (*talwar*).
Shields (*dhál*).
Jhonka (*jhonka*).
Gun.
Dastana of iron.
Zirah.
Dagger (*katar*).
Ditto (*bichhooa*).
Battle-axe (*kulang*).
Tiger's paw of iron (*sher-panja*).
Dagger (*maroo*).
Sword (*tega*).
Model of pump.

SECTION I.

Model of spinning-machine.
Do. machine for cleaning cotton.
Model of *dhunki.*
Do. *koltin.*

The above articles are exhibited by His Highness the Rajah of Chhatarpur.

SECTION A.

Pictures, views in frames.
Photographs.

SECTION B.

Specimen of handwriting (Urdu) in frame.
Ditto ditto (English) in frame.
Musical instrument (*majira*).
Ditto ditto (*ramtoola*).
Musical instrument (*jhanj*).

SECTION D.

Walking-stick.
Nut-cutter.
Ivory comb.
Silver pot to hold perfumes.
Puzzle, wooden.

SECTION E.

Cloth made of Egyptian cotton.
Coat (*angarkha*).
Cap.
Gold ring (puzzle), jewelled.
Anklets, bell-metal (*paijna*).
Bracelet, ditto (*kakna*.
Bracelet, bell-metal (*dohrin*).
Ditto, ditto (*patela*).
Toe-ring (of bell-metal) (*gain-dain*).
Big toe-ring ditto (*anota*).
Toe-ring ditto (*pag-pan*)

SECTION F.

Head of chitol with horns.
Horns of samber.
Head with horns of black buck.
Skin of wild dog.

SECTION G.

Powder-flask.
Battle-axe (*kulhari*).
Battle-axe (*kulang*).

SECTION D.

Model of machine for cleaning cotton.

The above articles are exhibited by His Highness the Rao of Alipura.

SECTION G.

Dagger (*bichkua*).

This is exhibited by the Jagirdar of Paldeo.

SECTION D.

Cup made of black stone.
Bit.
Nut-cutter.
Cup made of bell-metal.

These articles are exhibited by the Jagirdar of Pahra.

SECTION G.

Gun.

SECTION K.

Whip with pistol.

These are exhibited by the Jagirdar of Garauli.

CHARKHARI.

SECTION D.

Chessmen with cloth chess-board, embroidered.

SECTION G.

Big sword (*talwar*).
Gun.
Lance (*bhala*).
Balam.
Battle-axe (*kulang*).
Lohangi (*lohangi*).
Long sword (*talwar*).
Small do. (*do.*)
Battle-axe (*fursa*).
Small gun.
Gun.
Battle-axe (*dao*).
Iron hat.
Powder flask.
Shield.
Coat (*ladai-ke-angarkha*).
Cap.

The above articles are exhibited by His Highness the Maharajah of Charkhari.

BAGHELKHAND, REWAH.

SECTION A.

Views of nature and art.

SECTION D.

Complete set of chessmen (ivory).
Throne for Hindu gods (do.) (*sindhasan*).
Looking-glass with frame (ivory).
Card-case (ivory).
Twenty pen-holders.
Cow with a calf, and a milkman.
Boat.
Three carved wooden spoons.
Oval turned frame with a portrait.
Nine bowls of different sizes.
Two ordinary carpets.
Two flappy carpets.
Two rugs.
One silver cup, in a wooden box.
One wooden cup.
One filter (made of *bhandogarh* stone).
One filter (ditto) (*kundi*).

SECTION E.

Two umbrellas.
Eighteen rings,
One armlet.

SECTION I.

Wheat (Boda model farm).
Gram (ditto).
Rewah wheat.
Corn (*kodo*).
Corn (*kodai*).
Rice (*bhát*).
Mahoa seeds.

The above articles are exhibited by His Highness the Maharajah of Rewah.

Model of conservancy cart.
Model of public privy.
Flexible stone.
Two wall and bracket lanterns.

These are invented and exhibited by Naib Dewan Gangadhar Rao Goray of Rewah.

DHAR.

SECTION A.

An album of photographs.

SECTION B.

Guitar (*tambura*).
Guitar (*sitar*).

SECTION C.

Curculigo (*suphet-musli*).
A medical preparation made from *Legusticum agwaen* (*ajwaen-ka-fool*).
Bamboo manna (*wanshlochan*).

SECTION D.

Two wooden boxes.
Ivory handle.
Do. paper-cutter.
Do. stick for a fan.
Do. figure in *kherwa* dance.
Jack fruit (wooden).
Cardamom (do.)
Cloves (do.)
Nutmeges (do.)
A sparrow.
Two flower vases, English engraved.
Two *bhooj* boxes.
Carpet.
One silver bird.
One silver plate and a cup, with its lid.
Imitation plant of silver.
One brass table-fountain.
One do. pot.

SECTION E.

Khaki cloth.
A sowar's *feta*, red.
Ditto, black.
Silk *asana*.
Do. tapes.
One flag.
Embroidered sword-belt.
Embroidered dish-cover.
A cap.
Kewda scent.
Ketki scent.
Kewda waters.
Rose oil.

SECTION G.

Four bows.
Fifty arrows.
Sword, ornamentally engraved.
Lance-head, having a knife and a pistol in it.
A dagger and a nut-cracker.
A key with a lock in it.

SECTION H.

Arrow-root.

The above articles are exhibited by His Highness the Maharajah of Dhar.

RUTLAM.

SECTION A.

Picture of His Highness Maharaja of Alwar.
A Fakeer.

SECTION B.

PRINTING.

Tawareek Malwa, 2 books.
Shookraneeti, 1 book.
Chandgyanprakash.
Chandpund, Urdu.
Manmanjan.
Mookreejanbilas.
Koomateekundkadal.
Bansis (a musical instrument).

SECTION D.

Wooden legs for cot.

METALWARE—

3 *Katodans* (large boxes).
1 Box, small.
1 *Hukka.*
2 *Bechha* (leg ornament).
4 Legs for cot.
1 Tumbler.
1 *Surahi* for water.
3 Small ivory box
4 Whistles (ivory).
Comb (do.)
Paper-knife (do.)
Cup with cover (do.)
Patasi (ivory), (a kind of small box).
2 *Surmadanis* (ivory) (ditto).
Thasri (ivory) (to hold opium).
6 Buttons (ivory).
Chopat (wooden drafts).
Setranj (ditto chessmen).
Karela (ditto toy).
Itrdan (ditto bottle to hold perfumes in).
Cocoanut shell *hukka.*
2 Wooden cups.
1 Ditto *hukka.*
1 Smoking-pipe.
1 *Surmadani* (a kind of small box).
1 *Thasri* (ditto).
1 Bottle (leather).

SECTION E.

COTTON FABRICS—

1 *Mulghat.*
1 *Pagri.*
3 *Woodnis.*
1 *Ghat.*
1 *Lerza.*
1 *Ghat*, flowered.
1 *Pagri*, black.
1 *Sushi* than.
1 *Phurus.*

Headstall with gilt nails.
Knob ditto.
A saddle.
Dali (other things belonging to saddle).
Lendi (ditto).
Agband lendi (ditto).
2 *Shikarbands* with tassels (other things belonging to saddle).
2 *Zinposh* (other things belonging to saddle).
1 Elephant *zool* (a cloth to put on elephant's back).

Gold lace (*false*) cloth—

1 *Mundil*, red.
10 Handkerchiefs of different colors.
6 Handkerchiefs (*dhatta*).
2 Ditto (*hatfee*).
1 Ditto (*putka*).
1 Ditto (*khand*).

Cloth to play *choput* on.
2 *Chudis* and *chakani*, made of ivory and painted.
2 Pairs shoes.

GOLD AND SILVER JEWELERY—

2 Gold *langars* (wrist-ornaments) weighing 6 tolas and 5 masás.
1 Gold *bindi* (head-ornament) weighing 9 tolas 7¼ masás.
2 Silver *hatfuls* (wrist-ornaments) weighing 15 tolas 1 masá.
2 Silver *todás* (leg-ornaments) weighing 62 tolas 2 masás.
2 Silver *zanzirs* (leg-ornaments) weighing 11 tolahs 7 masás.
1 Silver *bindi* (head-ornament) weighing 8 tolas 6⅓ masás.
2 Silver *gurji* (wrist-ornaments) weighing 8 tolas 2 masás.
2 Silver *bajuband* (arm-ornaments) weighing 15 tolas 10 masás.
2 Silver *penadi* (ear-ornaments) weighing 6 tolas 2 masás.

SECTION G.

1 Shield, plain.
1 Do., ornamental.
1 Pistol to charge with cartridges.
1 Knife with *supari* (betel-nut) handle.
1 Horse bridle.

SECTION H.

1 Box containing finely cut *supari* (betel-nut).
2 Cakes Malwa opium.
1 Box holding liquid opium.

The above articles are exhibited by His Highness the Rajah of Rutlam.

SECTION G.

1 Single-barrelled gun combined with a bow and arrows.
1 Single-barrelled rifle.
1 Spear with pistol.

The above articles are exhibited by His Highness the Nawab of Jaora.

DEWAS.

SECTION D.

Old, ivory four-wheeled *ruth.*
Metalware (*choukula abdar*).
Ditto (ditto *gajradar*).
Metalware (ditto *firkotar*).
Ditto (ditto *tada*).
Ditto (ditto *khada mandi*).

SECTION E.

Turbans.
Small turbans of three gold sides (*bati*).
Small turban (*golta*).
Cloth (blue and sky colour).
Turban, inlaid with gold thread.
Handkerchief, with ditto ends.
Head-dresses.
White cloth (*patua than*).
Ditto (*chaokana than*).
Drill of Malwá washed thread.
Do. of yellow ditto.
Do. of gold thread ends.
White cloth (*than dukhata* of Malwa thread).
Washed muslin *than*.
White cloth (*Jaganath*).
Than of Malwa thread (*Kamarki*).
White cloth (*Moongia than*).
Than of Malwa, washed thread (*Patda*).
Yellow than, Malwa (*Patda*).
Ditto (*Jaganath*).
Ditto, washed (ditto).
Yellow cloth of silk (*dhuti joda*).
Silk fabric (*dhuti resmi*).
Ditto (*patal*).
Ditto (*dupata jodi, rejakhati*).
Ditto (*dukhata*).
Ditto (*panchakhata*).
Ditto (*chohasia*).
Ditto (*dupata*).
Wire of *sitar* or guitar (*kodi*).
Shoes.

SECTION F.

Thread.
Yellow thread.

SECTION G.

Spears (*bhalla*).
Do. (*balam*).
Knife.
1 Gun.
Sword (*tarwal*).
Bayonet with gun.
Old bow with six arrows.
1 long knife.

The above articles are exhibited by His Highness the Rajah of Dewas—J.B.

JHABUA.

SECTION E.

Coarse cloth apron (*langota*).
Do. sheet thrown round the body (*pichhodi*).
Do. piece wrapped round the head (*feta*).
Do. gown *nandla*).
Boddice (*kunchli*).
Cloth sheet thrown round the body (*lungda*).
Woollen twine tied round the waist (*kardora*).
Head-ornament made of brass (*rakhdi*).
Ditto ditto (*zaba*).
Ditto made of tin (*bore*).
Ear ornament (*toli*).
Ditto (*vahedle*).
Nose-ring made of silver (*nath*).
Glass bead string for neck (*pote*).
Necklace made of glass and shells (*har*).
Arm-ornament made of tin (*patdi*).
Ditto (*bajri*).
Ditto (*patdi*).
Ditto (*gelle*).
Ditto (*zabbi*).

Lower arm-ornament made of copper and zinc (*kakania*).
Ditto ditto (*lodia*).
Ditto made of brass (*gurji*).
Wrist-ornament (*gori*).
Finger-rings (*biti*).
Knee-ornament (*gungrale*).
Ditto (*zanjri*).
Leg-ornament (*kadia*).

SECTION G.

Arrows.
Bow.

The above articles are exhibited by His Highness the Rajah of Jhabua.

INDORE DURBAR.

SECTION A.

	Rs.	A.	P.
8 Pictures (oil painting)	75	0	0

SECTION D.

Stand for essential oil, worked in gold and silver ...	36	6	0
Tray, gold and silver	120	6	0
Silver stand for putting rose-water	69	12	0
Syringe for sprinkling rose-water, of gold and silver	89	4	0
Silver cup	119	4	0
Spice-stand, worked in gold and silver	75	0	0
Handle of a fan, with *khas* fan			

BHOPAL.

SECTION E.

... ...	294	1	6
Nose-ring	98	5	0
Ear-ornament	59	2	3
Earring	59	9	9
Ear-ornamant	36	9	6
Neck-ornamant	6	6	9
Wrist „	8	11	6
Bracelets	8	14	3
Wrist-ornament	37	15	0
Ankle „	5	6	6
Head „	123	10	0
Wooden shoes	21	10	0
Wrist-ornament	38	2	6
Ankle „	26	8	0
Arm „	7	13	9
Lady's shoes	58	5	9
Lime-pot	3	9	0
Nut-cutter	13	9	0
Perfume-pot	14	7	6
Gootká-bag	5	0	0
Brazen *kohni*			

SECTION G.

	Rs.	A.	P.
Nut-cutter (middle sized)	2	0	0

SECTION H.

Betelnut-preparation	2	11	0

GOONA AGENCY.

SECTION A.

2 Albums of views of Central India by Lalla Deen Dyal, Photographer to A. G. G. for C. I.. each	85	0	0
5 Photographs in frames, each	5	0	0

SECTION E.

1 Turban	11	0	0
4 Handkerchiefs, each	1	0	0

INDORE.

SECTION D.

Carpets, Re. 1-12 to Rs. 6-4 each.
Beds, Rs. 2-4 to 2-8 each.

SECTION E.

Piece of cloth worn round the body by females (*chundri*), Re. 0-9 to Rs. 6-4 each.			
Piece of cloth worn round the body by females (*sari*) ...	2	4	0
Chhint	2	6	0

SECTION G,

Daggers, Rs. 5 and Rs. 2.

BUNDELKHAND AGENCY.—OORCHHA STATE.

SECTION F.

Iron. | *Kheri* (iron).

SECTION G.

Agitha (tuber drug).
Gulakhri (ditto).
Bilaikand (ditto).
Satawar (tuber drug).
Chatawar (ditto).

DATIA STATE.

SECTION C.

Medicine for snake-bite (4 packets). | Medicine for *gohera*-bite.

SECTION F.

Earth, yellow and *mareth*. | Earth, black and red.

BAONI STATE.

SECTION F.

Harsounth (mica), natural and burnt.

PUNNA STATE.

SECTION C.

Banslochan.

SECTION F.

Gravel from diamond mine. | Red earth.
Bedhuk pathar (fossil-wood).

BIJAWAR STATE.

SECTION F.

Kheri (iron).
Dhao (ore of which *kheri* is produced).
Kit (dross of *kheri*).
Dhao (of which iron is produced).
Chalk.

These articles were placed in the Economic Court.

CHHATARPUR STATE.

SECTION C.

Musli, safed (tuber drug).
Musli, siha (ditto).
Baichandi (ditto).
Bilaikand (tuber drug).
Flower of *dhawa* (ditto).

SECTION F.

Dhao (iron ore).
Iron *chandia*.
Iron *lam*.
Dhao (*kheri*, iron ore).
Kheri (iron).
Chui (white earth).
Sample of conglomerate stone.
Soap without fat.

BERONDA STATE.

SECTION F.

White earth (*kharaia*).
Red earth (*geru*).
Green earth.
Yellow earth.
White earth.
Dhao, stone used for making lime (*chunam*).
Dhao, iron ore.
Abrak (mica), or talc.
Red stone.

Lime (*chunam*) made of stone.

ALIPURA STATE.

SECTION F.

White earth.
Yellow earth.

PAHRA STATE.

SECTION E.

Tora (match for matchlock).
White earth.
Yellow earth.

These articles were placed in the Economic Court.

CENTRAL PROVINCES.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS

CLASS XIV.—MUSICAL INSTRUMENTS.

Tambuar tarabdar, exhibited by Maulvi Safdar Ali, E. A. C. C. P. Rs. 250.
Sitar, ditto ditto ditto. Rs. 250.
Both instruments made at Saugor, and are noticeable for their size, which is very far in excess of that of ordinary instruments of their class. They were designed by the exhibitor for use in congregational (native Christian) worship.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS

CLASS XXV.—STONEWARE, POTTERY, AND EARTHENWARE.

Box (*kalamdan*), soapstone carving from Chanda. Rs. 4.
God (*Ashtbhuja deva.*) Rs. 4.
Made at Chanda.
Waterpot (*lota*), articles turned from soapstone (Bhandara). As. 8.
Plate (*rakabi*). As. 4.
Jar (*Ganj*). As. 4.
Jar (*Gotala*). As. 3.
Lamp (*Samai*). As 4. Made at Khurai, in the Bhandara district.
Cups (*piyala*), articles turned from soapstone (Bhandara). As. 4 to As. 1-6. Made at Khurai, in the Bhandara district.
Collection of small vessels cut from stone (apparently volcanic). Made in the Kalahandi State and kindly sent by the Superintendent of Affairs, Mr. F. C. Berry, C.I.E. The stone occurs in a hill near the extreme S.-E. corner of the provinces. Rs. 5.
Vases (*barni*), Burhanpur glazed ornamental pottery. Rs. 2.
Teapot (*chadani*). As. 12.
Small vase (*gilas*). As. 6.
Bowl (*gilas*). As. 4.
Dish (*rakabi*). As. 4.
Made at the town of Burhanpur, in the Nimar district. The art is said to be confined to a single family, and the outturn is therefore very small.
A collection of glazed and unglazed articles of earthenware, exhibited by J. H. Glass, Esq., Executive Engineer, Jubbulpur Division. Made at Jubbulpur under the exhibitor's orders of a very fine clay occurring in the vicinity. The articles are considered particularly good of their sort, and bear an excellent reputation.
A collection of cut Jubbulpur pebbles, moss, agates, &c., exhibited by Rahim Baksh, through Municipal Committee, Jubbulpur. Rs. 155.
A collection of cut Jubbulpur pebbles, moss, agates, &c., exhibited by Karim Baksh, through Municipal Committee, Jubbulpur. Rs. 178.
These articles comprising paper-knives, knife-handles, studs, &c, are cut from pebbles found in the bed of the Nerbudda or at places in the neighbouring hills.

CLASS XXVI.—METALWARE AND CUTLERY.

Tray (*pandan*), Bhandara brassware. Rs. 4-8.
Ditto. Rs. 4-8.
Lamp (*samai*). Rs. 15-8.
Image of Mahadeo. Rs. 22-8.
Brass and copper *lotah*. Rs. 3-12.
Betel-nut-cutters (*sarota*). Rs. 2-8 to Rs. 4-8.
Made in the town of Bhandara, formerly of hand-made sheet brass, but now in great part of rolled brass imported from England.
Tray (*pandan*), Nagpur brassware. Rs. 20-8.
Trays, octagonal. Rs. 5. Made in the city of Nagpur.
Round tray (*pandan*). Rs. 3-8.
Ditto ditto, exhibited by Mr. Mukand Bulkrishna Buti. Rs. 20.
Elephant, ditto ditto ditto. Rs. 15.
Fumigating stand (*udbatti*), ditto ditto. Rs. 18.
Ornament, ditto ditto ditto. Rs. 40.
Perfumery box (*chanphulla*), ditto ditto. Rs. 5. Made in Nagpur City.
Brass and copper shield (*dhal*), exhibited by Matadin Kasar, Sitabaldi, Nagpur. Rs. 24.
Plated tray (*pandan*), exhibited by Gulab Kasar, Sitabaldi. Rs. 25.
Cup (*kansaginna*). As. 5. Sambalpur brassware.
Mirror (*arsi*). Rs. 4-8.
Noticeable for its thinness and for neatness of finish.
Cup (*gilas*). Rs. 2-8. Saugor brassware.
Plate (*tabak*). Rs. 10 and Rs. 8. Saugor brassware. Made in the town of Saugor.
Lotas, Mandla brassware. Rs. 3-8 to As. 12.
Bowls (*katora*). Rs. 2-9.
The brass vessels made at Mandla are considered one of the best manufactures of the province. Ornamental work is not practised, and the specimens exhibited are merely samples of well-made articles in every-day use.
Combined battle-axe and musket (*pharsha*), Nagpur cutlery, exhibited by Mr. Madho Rao Gangadar Chitnavis. Rs. 50.
Sword (*saif*) ditto ditto ditto. Rs. 75.
Ditto (*khanda*) ditto ditto. Rs. 100. Made by Bhopat, cutler of Nagpur city.
Knives, exhibited by Dada Karagir, Nagpur. Rs. 12-8 each.
Pair of marble-handled knives ditto. Rs. 12-8 each.
Betelnut-cutters (*sarota*), Jebra cutlery. As. 10. Made at Jebra, a village in the Damoh district.
Betelnut-cutters (*sarota*), Harda cutlery. Rs. 7 to Rs. 2. Made at Harda, in the Hoshangabad district.
Betelnut-cutters (*sarota*), Timurni cutlery. Re. 1 each. Made at Timurni, in the Hoshangabad district,

CLASS XXIX.—BASKETWARE.

Fan (*vizna*). Chanda bamboo-work. As. 4.
Basket (*petkoli*). As. 6 to As. 2.
Pan-case (*panpuda*). As. 2. Made in Chanda town.
Pan-case (*panpuda*), Bhandara grass-work. As. 8 each.
Trays (*tastardan*). As. 4.
Basket (*tokni*). As. 4. Made at Kamtha, a village in the Bhandara district.
Baskets (*tokni*), Bhandara grass-work. As. 4 each.
Pan-case (*panki chuli*). Re. 1.
Fans (*pankah*). Re. 1 each. Made at Kamtha, a village in the Bhand ara district.
Grass *purdah* (*chick*), grass and silk-work. Made at Panchamnagar, in the Damoh district. Of great fineness. Rs. 20.

CLASS XXXI.—DECORATIVE CARVING.

Carved screen, wood carving, exhibited by Deputy Commissioner, Damoh. Made at Damoh.
Ornamented patterns (*kharaon*). Made at Sohagpur, in the Hoshangabad district. Apparently a poor imitation of the fine wire-inlaid pattens made at various places in the N.-W. Provinces, wire being replaced by tracing in silver leaf. Rs. 2.
Carved panels. Rs. 3 each.
Ivory flowers, ivory carving. Rs. 7. Made in Nagpur city.

CLASS XXXII.—CARPETS.

Carpet, 15 feet by 10 feet, Jubbulpur carpets. Rs. 117.
Ditto, 12 ,, 10 feet. Rs. 94,
Ditto, 12 ,, 8 feet. Rs. 75.
Made at the Government School of Industry, Jubbulpur. At their price (Rs. 7 per square yard) they will compare well, it is believed, with any other jail-made carpets of India.

CLASS XXXIV.—ORNAMENTAL WORK IN SILVER.

Tea-pot, Saugor silver work, exhibited by Rao Venket Rao, through Deputy Commissioner. Saugor. Rs. 90.
Snuff-box, exhibited by Rao Venket Rao, through Deputy Commissioner, Saugor. Rs. 12-6.
Fish-shaped *attardan*. Rs. 15.
Scabbard point (*kothi*). Rs. 9-4. Made in Saugor town.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASSES XXXVIII, XL, AND XLIII.—FINE COTTON-SILK AND SILK-COTTON FABRICS.

Silk bordered cotton cloth (*mira dani lugra*), Nagpur fabrics. Rs. 35.
Silk, Nagpur fabrics (*kali chandra kala*) bordered cotton cloth. Rs. 15-2.
Woven in Nagpur city. Fine cotton cloths bordered with red silk are specialities of the Nagpur country, and are largely worn by the better class natives.
Embroidered *sari*, exhibited by Mr. Mukand Balkrishna Buti. Rs. 80.
Embroidered *sari* (*lugra lal laridar*), exhibited by Mr. Mukand Balkrishna Buti. Rs. 40.
Woven in Nagpur city. *Sari* is the name given to a cloth worn by women something after the manner of a shawl.
Loin-cloth (*dhotar*), Nagpur fabrics, exhibited by Mr. Mukand Balkrishna Buti. Rs. 60.
Embroidered cloth worn by women (*patal golkándi laridar*), exhibited by Mr. Mukand Balkrishna Buti. Rs. 25.
Ditto ditto ditto, Rs. 500.
Embroidered scarf (*dopatta laridar*), exhibited by Mr. Mukand Balkrishna Buti. Rs. 700.
Turban (*pagri*), exhibited by Mr. Mukand Balkrishna Buti. Rs. 30.
Silk turban (*mandil*), exhibited by Mr. Madho Rao GangadharChitnavis. Rs. 35.
Embroidered *sari*, ditto ditto ditto. Rs. 75.
Woven in Nagpur city.

Silk-bordered cloth, loin-cloth (*karvati kathi jora dhotar*), Umrer fabrics. Rs. 44 to Rs. 23-6.

Woven at Umrer, a town in the south of the Nagpur district noted, for the excellence of its red dye for silk, due, it is said, to the quality of the water used for dyeing there.

Silk-bordered cloth for women, Umrer fabrics, exhibited by Mr. Mukand Balkrishna Buti. Rs. 50

Cotton loin-cloth, exhibited by Mr. Mukand Balkrishna Buti. Rs. 20.
White silk loin-cloth (*Saola*), exhibited by Mr. Mukand Balkrishna Buti. Rs. 60.
Woven at Umrer.
Fancy cloth (*jhilmili doria*), Bhandara fabrics. Rs. 15.
Silk-bordered loin-cloth. Rs. 35.
Woven at Pauni, in the Bhandara district, a well-known centre of the hand-weaving industy.
Embroidered cotton cloth worn by women (*patal kavati*). Rs. 97.
Fancy cotton cloth (*thalmili doria*). Rs. 15.
Ditto ditto (*jhilmili doria*). ,, 15.
Ditto ditto (*chaukoni doria*) ,, 15.
Woven at Pauni, in the Bhandara district.
Silk-bordered cotton cloth worn by women (*laljot*). Woven at Andhargaon, in the Bhandara district. Rs. 14-8.
Silk-bordered cotton cloth worn by women (*laljot*). Woven at Mohari, in the Bhandara district. Rs. 40.
Sample of cotton thread (hand-spun) of great fineness, Bhandara fabrics. Spun at Pauni, in the Bhandara district.
Brahampur fabrics exhibited by Municipal Committee, Barhampur.
Embroidered silk robe (*choga karchobi*) Rs. 300.
Silk bordered cotton turban, embroidered (*mandil kusambhi*). Rs. 125.
Silk turban, (*mandil reshmi*), embroidered ,, 63.
Embroidered cotton scarf (*dopatta charidar*) Rs. 100 to Rs. 19.
Silk cotton *sari* (*sari golabi*). Rs. 90.
Silk *sari* (*sari reshmi bengani*). ,, 85.
Silk cotton *sari* (*sari chandrakala*). ,, 50.
Ditto (*sari anjiri*). ,, 50.
Ditto (*sari chandrakala jari kathi*). Rs. 36 to Rs. 20.
Ditto (*sari chandrakala*). Rs. 25.
Ditto (*sari parwi*). ,, 19.
Ditto (*sari pili*). ,, 20.
Ditto (*sari chandrakala kali*). ,, 20.
Silk cotton *sari* (*sari asmani*). Rs. 15.
Embroidered turban (*chira karchobi*). Rs. 52.
Embroidered silk vest (*kalja karchobi*). ,, 42.
Embroidered waist-bands (*kachha dorangi*). ,, 36 to Rs. 6.
Embroidered waist-band (*kachha lal*). Rs. 6.
Ditto (ditto *khahi*). Rs. 6.
Waist-band (*kachha asmani*). ,, 6.
Ditto (*kachha khaki*). ,, 6.
Ditto (*kachha pirozi*). ,, 6.
Ditto (*kachha lal*). ,, 5.
Silk *sari* (*dandia salardar reshmi*). ,, 30.
Embroidered cotton handkerchief (*rumal safed*), exhibited by Municipal Committee, Burhanpur. Rs. 30 to Rs. 26.
Embroidered cotton scarf (*balabandi safed*). Rs. 24.
Handkerchief (*rumal asmani*). ,, 25.
Ditto (ditto *baigani*). ,, 25.
Ditto (ditto *sonahri*). ,, 4.
Ditto (rumal *sonahri*). ,, 4.
Ditto (ditto *rupehri*). ,, 3.

Fine cotton turban (*pagri paitni*), exhibited by Municipal Committee, Burhampore Rs. 25.
Embroidered slippers (*juti karchobi*). ,, 20.
Bordering (46 yards) (*kinara*). ,, 34-8.
Ditto (7 yards) (*kinara*). ,, 21.
Ditto (*kinara zari*). ,, 16-8.
Ditto (*kinara*). ,, 17-3 to Rs. 14.
Ditto (78 feet) (*kinara reshmi*). ,, 12-1.
Ditto (14 feet) (*kinara*). ,, 10-8.
Ditto (55 feet) (*kinara reshmi*). ,, 8-10.
Ditto (74 feet) (*kinara reshmi*). ,, 9-4.
Silk necktie (*galaband lal*). ,, 1-8.
A silk necktie (*galaband tapkiri*). ,, 1-8.
Ditto (*galaband safed*). ,, 1-8.
Ditto (*galaband kala*). ,, 1-8.
Ditto (*galaband lal*). ,, 1-8.
Ditto (*galaband safed*). ,, 1-4.
Ditto (*galaband khaki*). ,, 1-8.
Ditto (*galaband abasi*). ,, 1-8.
Ditto (*galaband uderang*). ,, 1-12.
Hukka tube (*nari*).

Collection illustrating the process of silver gilt wire drawing at Burhanpur (with photographs), exhibited by Municipal Committee, Burhanpur. Rs. 300.
Made in the town of Burhanpur.

CLASS XXXVIII.—COTTON FABRICS.

Yellow *sari*, Seoni. Rs. 2-12 and Rs. 2-8.
Red *sari*. Rs. 3.
Black *sari* ,, 2-8.
Green *sari*. ,, 2-10.
Woven at Mungelipet, in Seoni district. The cloths included under this head are exhibited as good specimens of the hand-woven cotton cloths made in many places in the provinces, and commonly worn by the village people. The manufacture of the finer qualties is suffering from the competition of European piece-goods, but that of the coarser description of cloths still holds its own.
Loin-cloth (*dhuti*.) Re. 1-4.
Woven at Bairaganj, in Seoni district.
Cloth for women's wear (*Chandurpur lugra*), Sambalpur. Rs. 6-8.
Scarf (*pachra*). Rs. 10.
Woven in the town of Sambalpur.
Printed cotton quilt cover, (*toshek*), Bhandara. Re. 1-8.
Ditto floor-cloths (*jamzam*), Bhandara. Rs. 7-8 to Rs. 2-4.
Made at Beni, in the Bhandaradistrict.
Printed cotton floor-cloths (*jazim*), Chanda.
Made at Chanda.

CLASS XLII.—TASAR SILK.

Natural color, Bilaspur tasar. Rs. 6.
Grey striped. Rs. 6.
Dark check. ,, 6.
Plain yellow. ,, 6.
Natural color. ,, 6.
Woven in Bilaspur town.
Red Sambalpur tasar. Rs. 6-8.
Yellow. Rs. 5.

Natural color (four-threaded), Rs. 5.
Ditto (six-threaded), „ 6-12.
Ditto (eight-threaded), „ 8-12.
Woven at Barpali, in the Sambalpur district.
Natural color, Seoni Tasar. Rs. 9.
Check. Rs. 9.
Woven at Bairaganj, in the Seoni district.

CLASS XLVII.—LEATHER WORK.

Embroided slippers (*nazni jora*), Chandra shoes. Rs. 4 7.
Made in the town of Chanda.

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

CLASSES CXLVIII, CXLIX.—STUFFED ANIMALS AND OTHER NATURAL HISTORY SPECIMENS.

Spotted deer skin lined with cloth, exhibited by J. F. Snuggs. Local price, Rs. 12; Exhibition price, Rs. 13.
Leopard skin, head set upon skin intact, ditto.
Jackal skin, rag, exhibited by J. F. Snuggs. Rs. 40.
Leopard's head, ditto ditto. Local price, Rs. 22; Exhibition price, Rs. 23.
Hyena's head, ditto ditto. Local price, Rs. 13; Exhibition price, Rs. 15.
Tiger's head, ditto ditto.
Black buck's head, ditto ditto. Local price, Rs. 10; Exhibition price, Rs. 10-8.
Gazelle head, ditto ditto. Local price, Rs. 5; Exhibition price, Rs. 5-8.
Made at Harda, C. P.
Black buck's head, ditto ditto. Local price, Rs. 7; Exhibition price, Rs. 8.
Ditto ditto ditto. Local price, Rs. 16; Exhibition price, Rs. 18.
Four-horned deer's head, ditto ditto. Local price, Rs. 9; Exhibition price, Rs. 10.
Wolf's head, ditto ditto. Local price, Rs. 30; Exhibition price, Rs. 32.
Stag's head, ditto ditto. Local price, Rs. 35; Exhibition price, Rs. 35.
Black buck's head, ditto ditto. Local price, Rs. .0; Exhibition price, Rs. 10-8.
Fox head and bunch, ditto ditto. Local price, Rs. 10; Exhibition price, Rs. 10-8.
Gazelle head, ditto ditto. Local price, Rs. 10; Exhibition price, Rs. 10-8.
Barking deer, female, ditto ditto. Local price, Rs. 10; Exhibition price, Rs. 11.
Gazelle head, ditto ditto. Very fine specimen. Local price, Rs. 12; Exhibition price, Rs. 14.
Antelope heads, horn as ram's, ditto. Dditto ditto. Local price, Rs. 25; Exhibition price, Rs. 25.

Barking deer, male, exhibited by J. F. Snuggs. Local price, Rs. 25; Exhibition price Rs. 26.
Gazelle head, ditto ditto. Local price, Rs. 6; Exhibition price Rs. 6.
Black buck's skin, ditto ditto. Local price, Rs. 3-2; Exhibition price Rs. 3-8.
Spotted deer skin, ditto ditto. Local price, Rs. 8; Exhibition price Rs. 8.
Blue bull's head, ditto ditto. Local price, Rs. 40; Exhibition price, Rs. 42.
Gazelle head, ditto ditto. Local price, Rs. 5; Exhibition price, Rs, 5-8.
Pair tiger's claws, ditto ditto. Very large specimen. Local price, Rs. 5-8; Exhibition price, Rs. 6.
Tiger's claws, ditto ditto. Local price, Rs. 5; Exhibition price, Rs. 5.
Three black buck's skin, ditto ditto. Local price, Rs. 9; Exhibition price, Rs. 9-8.
Three black buck's skin, ditto ditto. Local price, Rs. 9; Exhibition price, Rs. 9-8.
One pair tiger's claws, ditto ditto. Large specimen. Local price, Rs. 5; Exhibition price, Rs. 5-8.
One *sarakut*, ditto ditto. Sample skin. Local price, Re. 1-4; Exhibition price, Re. 1-6.
Ditto ditto ditto. Sample skin. Local price, Re. 1-4; Exhibition price, Re. 1-6.
One golden ditto ditto. Sample showing how they should be preserved for transit to Europe. Local price, Re. 1-8; Exhibition price, Re. 1-11.
Sambhar head, ditto ditto. Very fine specimen. Local price, Rs. 37; Exhibition price, Rs. 39.

HAIDARABAD.

SECTION A.—FINE ARTS.

CLASS VI.—WORKS OF ART NOT SPECIFIED.

Large hand-fans made at Baiganpully.
Specimen boards with Baiganpully ornamental work on both sides.
Wooden trays, small (Baiganpully ornamental work).
Ditto, large, containing 18 small other trays.
Writing-box.
Box made of palm-wood.
Lacquered-work almirah.
Saddle, silver mounted.
Siree horse ornament.
Pankah ornaments.
Ornamental boxes made of steel.
Photo. frame made of steel.
Walking-stick.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS.

CLASS XXIII.—FURNITURE AND UPHOLSTERY.

Ornamental chairs made at Baiganpully.

CLASS XXV.—STONE UTENSILS, POTTERY, PORCELAIN, AND EARTHENWARE.

	Rs.	A.	P.
Bidri teapoy inlaid with silver	195	0	0
Ditto spittoons' from	Rs. 125 to 62	0	0
Ditto *aftaba* (wash-hand basin)	55	0	0
Ditto goblet	Rs. 30 to 16	8	0
Ditto flower-vase	Rs. 22-8 to 45	0	0
Ditto *debia* (box), large	Rs. 8 to 4	8	0
Ditto *ditto* ditto, fish pattern	Rs. 6 to 9	8	0
Ditto *ditto* ditto, mangoe pattern ...	3	8	0
Ditto *pandan*, round, in 6 pieces	23	0	0
Ditto oval, ditto	27	8	0
Ditto rectangular, large	Rs. 26 to 45	0	0
Ditto *kalamdan* (a small box for keeping pens and writing materials)	13	0	0
Ditto *abkhora* with cover	6	0	0
Ditto *ditto* without cover	5	8	0
Ditto tray, large, ditto	Rs. 5 to 24	0	0
Ditto *hukka*	15	0	0

CLASS XXVII.—CLOCKS, WATCHES, AND THEIR ACCESSORIES.

A clock showing the difference of time in the different parts of the world, made by the 1st Amir-i-Kabir, the grand-father of the present Amir-i-Kabir.

CLASS XXXI.—DECORATIVE WORK, INCLUDING CARVING AND ARTWARE.

Imitation fruits.

CLASS XXXII.—CARPETS, HANGINGS, TAPESTRY, FURNITURE-STUFFS, MATTINGS, PAPER-HANGINGS.

	Rs.	A.	P.
Silk carpet, made at Warangal, 7-5×5-2 ...	3,772	3	0
Woollen ditto, ditto 7-5×5-2 ...	949	10	0
Cotton ditto, ditto 8-5×5-15 ...	789	8	0
Silk ditto, ditto 11-5×5-2 ...	1,035	0	0
Woollen ditto, ditto 12-6×7-4 ...	1,614	15	0
Ditto ditto, ditto 8-4×6-3 ...	867	12	9
Silk ditto, ditto 5-2×3-8 ...	1,793	11	0
Woollen ditto (small), made at Hanamkoonda, Rs. 34-4 to	100	0	0
Cotton ditto ditto	15	0	0
Two cotton flower carpets made in the Gulberga Jail, 4-0×2-9	113	10	8
Woollen carpet made at Hanamkoonda, 2-6×1-½ Rs. 63 to	113	4	0

CLASS XXXIV.—BRONZES, ORNAMENTAL WORK IN GOLD, SILVER, AND OTHER METALS.

Silver powder-flask, fish pattern.
Ditto horn pattern.
Ditto pouch.
Char-au-ina in 4 pieces.
Dustana in 2 pieces.

	Rs.	A.	P.
Silver flower-vase	507	11	2
Writing-box with silver pens, &c., made at Aurangabad ...	313	0	0

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASS XXXVIII.—COTTON FABRICS.

	Rs.	A.	P.
Piece of *doariali*, made at Nandair	36	0	0
Saila (muslin) ditto	51	0	0
Sheet ditto	2	8	0

Pieces of checked cloth, from Rs. 4-1-6 to Rs. 3.

CLASS XL.—SILK FABRICS.

	Rs.	A.	P.
Imroo cloth (blue), made at Aurangabad	35	0	0
Ditto (green) ditto	35	0	0
Piece of muslin, (green)	16	8	0
Silk *putka*	100	0	0
Piece of *mashru*	15	8	0
Silk handkerchiefs	4	0	0
Silk *sari*, made at Narayenpet	16	8	0
Piece *mashru* with white spots	18	8	0
Mundil, made at Aurangabad	125	3	0
Piece striped, red *mashru*	50	0	0
Piece *kamkhab*	75	0	0
Piece yellow *mashru*	16	8	0
Piece yellow *imru* with red spots	55	0	0
Ditto striped yellow *mashru*	20	0	0
Ditto green *mashru*	18	0	0
Ditto blue *mashru*	20	0	0
Ditto red *mashru*	15	8	0
Piece of *tash* (embroidered muslin) for *pulka*	103	3	3
Ditto ditto for turband	75	0	0
Ditto ditto for *jamah*	220	2	9
Table-cloth, embroidered...	672	6	0
Shawl, embroidered.			

CLASS XLVII.—BOOTS, SHOES, AND SLIPPERS.

	Rs.	A.	P.
Slippers made at Raichur...	2	0	0
Long boots.			

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

CLASS LIX —LEATHER AND MANUFACTURES OF LEATHER.

A pistol-case.
Cigar-cases.
Colored skins.

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

CLASS CXLVI.—WEAPONS AND IMPLEMENTS OF THE CHASE.

	Rs.	A.	P.
Guraz	15	0	0
Tabar	15	0	0
Shield	8	0	0
Maru	6	0	0
Dagger	15	0	0
Nimcha Shamshar-i-Rast Khum	35	0	0

	Rs.	A.	P.
	6	0	0
Bhojali	80	0	0
Abbasi	40	0	0
Silapa Shumshir Khander			
Swords, Rs. 40 to Rs. 10.			
	40	0	0
Taiga	12	0	0
Shumshir	45	0	0
Duchna	40	0	0
Peshkhabz	35	0	0
Pesh (sword-handle made of *yashumstone*)	13	0	0
Katar	45	0	0
Bichwa	50	0	0
Dusti (small musket)	10	0	0
Todup	8	0	0
Bank	20	0	0
Chura	20	0	0
Khanda	15	0	0
Safdara	8	0	0
Bichwa	15	0	0
Jambia	6	0	0
Karoli	32	0	0
Farang	60	0	0
Arab gun	15	0	0
Buntheta	35	0	0
Patta			
Pistol.			
Peshkhabz.			
Khanjer (daggers).			
Small pistols.			
A handle for sword.			
Penknife.			
Turkish bow.			
Shield.			
Peshkhabz.			
Small swords.			
Sailaba.			
Katar.			
Shumshir.			
Muskets.			
Shield.			
Silver mounted Arab Gun.			

MADRAS RECORD OFFICE

JEYPORE.

Foot-ornament worn by Rajputana women. (*Sát.*)
Zinc bracelets (*bangri jora*). Worn on wrists by all classes of Rajputana women.
Ornament for arm (*bajuband jori*). Worn by upper classes of Rajputana women.
Zinc bracelets (*pohochi jori*).
One zinc bracelet (*lounghi bangdi*).
Ditto (*dál jori*).
One zinc bracelet (*chhán*).
One pair brass bracelet (dragon-headed).
Zinc beads for bracelets, threaded on string.
Brass bracelet, carved.
Do. with knobs.
Copper bracelet. Worn chiefly by Jeypore women.
Zinc bangles. Worn by the lower class of Rajputana women.
Brass ditto, large. Worn by the lower class of Rajputana women.
Brass necklace. Worn by all classes of women in Rajputana.
Brass bracelets, carved.
Brass *kara*.
Ankle-ornaments (*langer*). Worn by the more respectable class of women i Rajputana and Central India.
Necklace ditto ditto, chiefly worn by Gooje women.
Brass bracelet ditto ditto.
Zinc ditto ditto ditto.
Zinc nowgrahi or bracelet, worn by all classes.
Toe-ornaments, worn by all classes of women.
Hand-ornament, worn by all classes of women.
Toe-ring, ditto.
Wrist-ornament.
Toe ditto.
Ankle ditto.

OLD ISPAHAN BRASS AND STEEL-WORK.

Brass peacock (*malet tans*).
Bathroom lamps (*dauklawez*).
Brass vase for fruits (*mewahdan*).
Fruit-boxes (*mewahdan*).
Torch-stand (*samadán*).
Steel helmet.
Ditto with horns.
One pair armlets (*dastana jori*).
One sword engraved with Persian letters.
One battle-axe (bull's-head shaped).
One pair mace, ditto ditto.
Ispahan shield.
Gold and silver scent-box (*attardán*), Jeypore manufacture, made by Bal Khatee of Bugroo.
Rakábi or plate, Jeypore manufacture, made by Bal Khatee of Bugroo.
Drinking cup, silver, Jeypore manufacture. Maker Nandkishore, watch-maker.
Fourteen moon-shaped arrows. Old arms from H. H. the Maharajah of Jeypore's Armoury.
Thirty steel-headed white arrows. Old arms from H. H. the Maharajah's Armoury.

Thirty steel-headed black arrows (dagger-headed).
Sword. Gold embossed hilt.
Steel sword. Damascened hilt.
Ditto. Damascened hilt and scabbard.
Ditto. Embossed hunting pattern do.
Ditto. Lac scabbard ditto.
Sword (*Gajbel*). Hilt with grooved centre do.
Sword, steel. Inlaid with gold damascene-work. Silver-plated hilt.
Battle-axes, gold, elephant pattern (Katch work). Handle and scabbard of gold.
Sacrificial knife, old; wooden handle.
Steel battle axe, damascened. Wooden handle, ornamented with silver.
Sword hilt ditto ditto.
Dagger hilt, fish tooth handle ditto.
Dagger. Silver enamel. Scabbard. Red velvet.
Ditto. Ditto Ivory handle. Tiger-headed. Painted red and gold
Ditto. Ditto Carved. Pierced silver scabbard.
Ditto. Carved. Old carved ivory handle.
Ditto. Ditto. Old, steel.
Steel dagger, jade hilt. Ram's head. Eye spinnel. Scabbard gilt and velvet.
Ditto. Engraved floral design. Scabbard green velvet.
Ditto. Jasmine flower carvings. Scabbard top and bottom jade.
Ditto. Stag-headed eyes of spinnel.
Ditto. Ram's-head.
Ditto. Grape pattern.
Plain crystal daggers, hilts ditto ditto.
One dagger hilt of agate, carved.
One dagger, ivory hilt. Tiger-head.
Ditto. Ram's head.
Ditto. Fish-tooth handle.
Sword with dagger.
Plain dagger, hilt of agate.
Crutch handle of jade, gold inlaid.
Knob for dagger (jade).
Jade buckle. Jewelled with spinnels.
Dagger, handle of cornelain.
Bow ring of jade and silver.
Five powder-horns.
Two ditto, mother-o'-pearl.
One ditto, inlaid ivory.
Priming powder-horn, mother-o'-pearl.
Coats of mail, ditto.
Steel chain armour.
Coat of mail, brass.
Two muskets (old), made at Amber.
One musket, Boondee-make.
Old lacquered bows (horn), ditto.
One quiver (49 arrows) for short distance.
One priming powder-horn, silver (fish pattern.)
Two old hukkas, silver and gold.
Three lacquered walking-sticks, old.
Three painted ditto ditto.
Two old kettle-drums ditto.
One large brass horn.
Native clarionet ditto.
Old enamelled crutch, used by Maharajah Mansing. Very rare old piece of g enamel, Jeypore work.
Old sunshade, gold embroidered, silver handle.
Twenty-six pieces of old Sanganir chintzes, made in A.D. 1810. Very rare a old Jeypore patterns.

Five pieces of old brocade, made in Jeypore between 1805 and 1820.
State coat of Maharajah Sewai Jeysinghji. Presented by Mogul Emperor. probably about 1790.
One piece old silver brocade, made in 1796.
One old Persian carpet, 300 years old, brought by Maharajah Mansingh from Cabul.
Ivory priming-horn.
One tiger-shaped case with arms and tools. Contains 42 articles. Jeypore make, old
One sword, silver hilt, green velvet scabbard.
One turkish gun, top and bottom gold.
One shield, moon-shaped.
trait of Chohan Beesalday, Rajah of Ajmir.
r papier machê figures, man and woman, in Rajput costume.
mped curtains, Jeypore prints, gold and silver, consisting of Sanganir, Bugroo and Jeypore prints, fast and running dyed cloths.
e pattern drawings of a hall roof. Exhibited by P.W.D., Jeypore.
large garnet, weight 8 lbs. Found in Rajmahal Quarry, Jeypore State, valued Rs. 800. Exhibited by Mr. S. J. Tellery.

SECTION A.—FINE ARTS.

CLASS I.—PAINTINGS AND DRAWINGS.

	Rs.	A.	P.
Water-color drawing. Subject, Mahakali. Maker, Narsingh, painter, Jeypore	21	8	0
Ditto. Ditto. Maker, ditto	8	8	0
Ditto. Subject battle scene, time of Jehangir Shah of Delhi. Maker, Ganesh Khati	31	8	0
Ditto. Portrait of Sir Jung Bahadur of Nepaul. Maker, Ganesh Khati	4	4	0
Ditto. Portrait of the Nawab of Tonk. Maker, Ganesh Khati	7	6	0
Ditto, Portrait of the Rajah of Pertabgurh. Maker, Ganesh Khati	10	8	0
Ditto. Portrait of the Rajah of Salana. Maker, ditto	7	6	0
Ditto. Portrait of the Rajah of Jeypore. Maker, ditto	8	8	0
Ditto. Portrait of the Rajah Mordhuj. Maker, ditto	4	4	0
Ditto. Rana of Odeypore. Maker, do. ...	8	8	0
Ditto. Ditto do. ...	7	6	0
Ditto. Dewn of Pertabgurh. do. ...	5	4	0
Ditto. Ditto do. on horse-back	4	4	0
Water-color portrait of Rustum Pahalwan. Maker, do. ...	3	4	0
Ditto. Rajah of Seetamahow do. ...	3	4	0
Ditto. Rajah of Baroda do. ...	2	2	0
Ditto. Jugdis god. do. ...	5	4	0
Ditto. Krishna do. ...	4	4	0
Ditto. Rasmandal do. ...	4	4	0
Ditto. Krishna Baldeo. do. ...	4	4	0
Ditto. 10 Pieces old drawings on parchments	26	4	0
Old Indian ink drawings on parchment	88	8	0
Old water-color drawings	98	8	0

	Rs.	A.	P.
New water-color drawings	93	0	0
Two old pictures. Subjects, portraits of Rajahs. Maker, Ramchunder	3	4	0
Water-color paintings of Maharajah Ram Singh. Maker, Ramchunder, painter	26	4	0
One ditto. Amber Fort. Maker, ditto ...	31	8	0
One water-color painting (an elephant). Maker, ditto ...	5	4	0

CLASS III.—ARCHITECTURAL DRAWINGS AND MODELS.

	Rs.	A.	P.
Model of a Jeypore house, exhibited by Chander Coomar ...	78	4	0

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS.

CLASS XXIV.—GLASSWARE OF ALL KINDS.

	Rs.	A.	P.
Drinking-cups exhibited by the Principal, School of Art, Jeypore, with spout	0	6	0
Vases or *lota* ditto ditto	0	7	0
Wide-mouthed cup ditto ditto	0	5	0
Vases ditto ditto ...Re. 0-3-0 to	0	5	0
Chimney ditto ditto	0	5	0
Cup with spout	0	5	0
Vases	0	6	0
Cup ... ...Re. 0-9-0 to	0	6	0
Lota	0	4	0

CLASS XXV.—POTTERY.

Exhibited by the Principal, School of Art, Jeypore.

	Rs.	A.	P.
Large jar with cover	10	2	0
Small	5	10	0
Vases	5	10	0
Ewers	6	12	0
Goglets with handle	3	6	0
Vases	4	8	0
Goglets	3	6	0
Flower-vases	3	15	0
Jars with covers	2	4	0
Flasks	5	10	0
Goglets ... ... .Rs. 3-6 and	3	6	0
Ditto	2	13	0
Vase	3	6	0
Jar (*boyam*).	3	6	0
Flat flasks	2	13	0
Vase	2	4	0
Double-neck goglet	1	11	0
Goglets	1	6	0
	149		

	Rs.	A.	P.
Water-pots	1	11	0
Ditto *abkhora*	1	2	0
Goglets	Re. 1-2 and 1	6	0
Water-pots or *lota*	Rs. 2 and 2	4	0
Jambus or *surahi*	2	0	0
Lota	0	14	0
Abkhora or *surahi*	1	2	0
Flower-vase	1	2	0
Ditto	2	0	0
Flasks	3	6	0
Small-flasks	1	2	0
Oil-pot	1	2	0
Jar	1	0	0
Drinking-cup	1	2	0
Abkhora	0	14	0
Lotas	0	12	0
Ditto, small	0	7	0
Goblet do.	1	2	0
Water-pots or *lota*	0	14	0
Tray	5	10	0
Tray	3	6	0
Large tile, 20″×20″	7	14	0
Tile subject painted dog, $7\frac{1}{2}$″×$7\frac{1}{4}$″	4	8	0
Ditto stag ditto	4	8	0
Ditto subject welcom, 11″×$4\frac{1}{4}$″	3	6	0
Border tile, 7″×7″	1	11	0
Square do. 6″×6″	1	2	0
Border do. 4″×$8\frac{1}{2}$″	1	2	0
Jars ditto	2	4	0
Flower-vase	3	6	0
Goblets	1	11	0
Teapots, snake and frog	1	6	0
Double-neck surahi	1	2	0
Flask	1	2	0
Lota	1	2	0
Ramjhara or *lota* with spout	1	0	0
Surahis with handle and spout	3	6	0
Vase	1	11	0
Jug	1	11	0
Jumbu or goglet	1	11	0
Abkhoras	0	7	0
Large *surahi*	2	4	0
Lota	2	8	0
Surahis	Re. 0-9-0 and 1	2	0
Vase	0	11	0
Surahi	0	9	0
Jug	0	7	0
Oil-pots	0	7	0
Cup with cover	0	5	0
Water pot	0	7	0
Vase	0	11	0
Flask	1	2	0
Abkhora	0	9	0
Lota	0	7	0
Surahi	0	7	0
Abkhora	0	5	0
Flower-vase	0	4	0
Plate (leaf pattern)	2	4	0

	Rs	A.	P.
Plate round	2	4	0
Porous goblets	0	7	0
Ditto battery cells	0	3	0

CLASS XXVI.—[illegible]ASS WORK.

	Rs.	A.	P.
Betel-box. Maker, Habura Carpenter	3	5	0
Vessel for carrying water. Maker, Joogal Kaseera	1	12	0
Betel-box. Maker, Habura Carpenter	4	12	0
Vessel for carrying water. Maker, Cheytna	4	10	0
Cooking utensil. Maker, Ratania	2	2	0
Spitton. Maker, Rambuksh	0	12	0
Small throne used in worship. Maker, Gopal Khatee	12	6	0
Bottle for holding oil. Maker, Narain	1	12	0
Drinking-cup. Maker, Choonia Nyara	1	9	0
Sieves. Maker, Ramcoomar Khatee	0	14	0
Bullock-cart bell. Maker, Chhotoo Sonar	2	0	0
Bell. Maker, Nanug Ram Bharawa	4	6	0
Vessel for carrying water. Maker, Ramchander	2	0	0
[illegible]c goblet (*surahi*). Maker, Motia Thatehra	0	12	0
A cup. Maker, Nathu Deosáwálá	0	3	0
Brass stove. Maker, Haboora	4	1	0
Vessel for carrying water	3	0	0
Lota. Maker, Gonesh	1	0	0
Do. Maker, Mangia	0	13	0
Kausi cup. Maker, Nathia	1	0	0
Cooking-pot. Maker, Ganesh Bharawa	1	13	0
Drinking-cup	1	6	0
Drinking-vessel	1	0	0
Ditto. Maker, Choonia	0	14	0
Kausi-cup. Ditto	1	0	0
A box. Maker, Nathoo Thatehra	1	13	0
Water-bottle (*surahi*). Maker, Ganesh	1	6	0
Tablet. Maker, Haboora	1	0	0
Water-pot	2	9	0
Kausi cup. Maker, Nathia.	0	3	6
Betel box. Maker, Fateh Ram Thatehra	0	14	0
Pen-box. Ditto	2	2	0
Lock with keys. Ditto	2	7	0
Trays, engraved. Ditto	Rs. 9-3 to 1	3	0
Salt-cellers	2	3	0
Chambu (water-vessels).	2	3	0
Ditto (drinking-cups).	3	5	0
Vessels for carrying water.	5	8	0
Tray, round ditto	3	5	0
A brass horn ditto	19	13	0
Vase with tray. Maker, Fateh Lall Khoodabuksh	22	0	0
Ditto. Maker, Fateh Lall Rughoonath	17	10	0
Jar with cover. Maker, Fateh Lall Sheo Lall	9	14	0
Ditto. Maker, Bhyroon and Khoodabuksh	9	14	0
Large *jambu* (water goglet)	24	4	0
Small *jambu* Maker, Luchmee Narain and Khoodabuksh	9	14	0
Ditto Maker, Onker and Luchmee Narain	9	14	0
Rolling lamp. Maker, Fateh Lall	13	12	0
Ditto. Ditto	13	12	0
Spice box. Maker, Fateh Lall Sheo Lall	7	11	0
[illegible] Maker, Fateh Lall and Khoodabuksh	7	11	0

	Rs.	A.	P.
Surahi (water goglet), with cover. Maker, Fateh Lall and Khoodabuksh	7	11	0
Three ditto. Maker, Fateh Lall Sheo Lall ...	7	11	0
Ditto. Maker, Fateh Lall and Khoodabuksh...	6	10	0
Tumbler. Maker, Fateh Lall Sheo Lall	5	0	0
Two bells. Maker. Fateh Lall Khodabuksh, Rs. 3-5 and	3	13	0
Octagonal tray. Maker, Rughoonath Bheroon	14	5	0
Ditto. Maker, Rughoonath Onkar	14	5	0
Teapot (cock pattern). Maker, Parash Ram	15	6	0
Censer. Maker, Khem Chand	4	6	0
Two lamps. Maker, Khem Chand ... Rs. 2-8 and	3	5	0
Bottle used by pilgrims. Maker, Fateh Lall Sheo Lall ...	7	11	0
Ditto ditto. Maker, Fateh Lall Khoodabuksh ...	7	7	0
Panchpatra (praying utensil), with a spoon. Maker, Khem Chand Paras Ram	7	11	0
Betel case (boat-shaped). Maker, ditto	17	10	0
Lota with cover. Do. ditto	3	13	0
Jambu (goglet). Maker, Khem Chand Paras Ram ...	6	10	0
Vase with cover. Maker. Sheo Lall	3	13	0
Sugar bowl. Maker, Paras Ram	11	8	0
Two do. with spoon. Do.	11	8	0
Box with cover. Maker. Fateh Ram and Khodabuksh ...	3	5	0
Large *abkhora* (water-vessel). Maker, Fateh Ram Khoodabuksh	3	13	0
Small ditto. Ditto	2	12	0
Two vases ditto. Ditto	4	6	0
Two *jambus* (water goglets). Ditto	3	9	0
Abkhora (water-vessel). Ditto	3	5	0
A set of praying utensils used by Hindoos. Maker, Fateh Ram Khoodabuksh	8	12	0
Two sugar bowls. Maker, Parash Ram	9	0	0
A swing. Maker, Rughoonath	17	10	0
Ornamental tray. Maker. Rughoonath	14	5	0
Tray. Maker, Fateh Lall	3	0	0
Plate. Maker, Hoseina Sheo Lall	2	4	0
Do., small. Ditto	1	2	0
Parasnath (a Hindoo idol). Maker, Ramnath	14	5	0
Two drinking cups with spout. Maker, Parasram Khodabuksh	7	11	0
Two ditto. Maker, Parasram Sheo Lall ...	5	0	0
Three ditto. Maker, Mangi Lall ...	5	8	0
Ditto. Maker, Nathia	6	0	0
Spittoon. Maker, Fateh Lall Sheo Lall	1	6	0
Three spittoons. Maker, Fateh Lall Sheo Lall	1	6	0
Betel case. Maker, Parashram	6	0	0
Do. (octagonal). Do. ... ... Rs. 6-10 &	8	12	0
Do. ditto. Maker, Rughoonath	9	4	0
Do. (square). Ditto	1	6	0
Paper-weight (figure representing Brahma). Maker, Rughoonath	4	10	0
Paper-weight (elephant) Maker, Rughoonath ...	4	10	0
Ditto (Balmokund). Ditto	3	13	0
Ditto (Shiva). Ditto	2	12	0
Cream jug. Maker, Mangi Lall	3	13	0
A pair salt cellars (lotus pattern). Makers, Parashram and Khodabuksh	2	12	0
Pr salt cellars, do. Makers, Parashram and Khoodabuksh ..	2	12	0
Pr. muffineers, conical. Maker, Khem Chand	5	0	0
Pr. salt cellars. Makers, Parashram and Khodabuksh	4	8	0
Nut-cruker. Maker, Rughoonath	3	5	0

	Rs.	A.	P.
A lamp. Maker, Rughoonath	19	12	0
Candlesticks. Ditto	3	5	0
Paper-knife. Ditto	5	8	0
Bokhara jug. Makers, Parashram and Khodabuksh ...	26	6	0
A vase. Makrr, Maseeta	1	10	0
Surahi. Maker, Fateh Lall Sheo Lall	7	11	0
Woman. Maker, Rughoonath	5	8	0
Iron padlock. Maker, Jail Factory	2	4	0
A box. Ditto ditto	5	4	0
A lamp. Maker, Shanker Mistree	135	0	0
5 Brass padlocks. Made at the Jeypore School of Art ...	16	8	0
5 Brass cages. Ditto ditto ...	12	12	0
A wooden box with ink pots (*kalamdan*)	15	15	0
Coppy tray ditto ditto	6	4	0

CLASS XXXI.—CARVING IN IVORY AND BETEL-NUT.

	Rs.	A.	P.
Betel-nut Snake, Jeypore manufacture. Maker, Kareem Buksh	7	11	0
Betel-nut boxes on a small stand	6	9	0
Ditto stick do. do. ... Rs. 8-12-0 to	15	6	0
10 Small betel-nut boxes do.	4	2	0
6 Do. cups do. do. ... Re. 0-13-0 to	2	8	0
7 Do. rugs do. do.	2	14	0
1 Do. tortoise black stand do.	0	11	0
1 Do. box on blue stand do.	0	11	0
1 Do. stick ditto do.	5	4	0
1 Small ruler on blue stand. Maker, Kareem Buksh ...	0	13	0
One ivory Ganesh. Maker, Odey Ram Narain	11	8	0
Ditto monkey. Ditto ditto	7	11	0
Ditto giraffe. Ditto ditto	5	8	0
One ivory finger-ring, snake and kite. Maker, Odey Ram Narain	5	0	0
Horse betel-nut. Ditto ditto	3	5	0
Snake ditto. Ditto ditto	2	4	0
Elephant ditto. Ditto ditto	1	10	0
Camel ditto. Ditto ditto	1	10	0
Snake ditto. Ditto ditto	1	10	0
Lion ditto. Ditto ditto	1	2	0
Betel-nut table. Maker, Kareem Buksh	7	11	0
2 Betel-nut boxes on blue stand. Maker, Kareem Buksh ...	1	6	0
2 Betel-nuts, mango-shaped. Ditto ...	0	7	0
2 Horn cups. Maker, Narsingh, blind carpenter ...	3	5	0
Mahomedan at prayer. Made at the Jeypore School of Art	5	8	0
Man with bottle, in ivory. Made at the Jeypore School of Art	8	10	0
Ivory woman and child. Ditto ditto	6	10	0
An image Ditto ditto	8	12	0
Ring, kite, and snake	4	6	0
Flamingo do.	9	4	0
Betel-nut stick do.	3	5	0
Ditto rulers do. ... ... Re. 0-13-0 to	1	12	0
Betel-nut cups do.	0	6	0
Ditto with cover	0	6	0
Betel-nut box, round, made at the Jeypore School of Art ...	0	7	0

	Rs.	A.	P.
Carved trays. Maker, made at the Jeypore School of Art ...	1	10	0
4 Betel-nut tigers. Maker, Odey Ram Narain	3	2	0
1 Betel-nut cow . ditto ditto	13	4	0

CLASS XXXIII.—STONE AND MARBLE CARVING.

Exhibited by the Principal, School of Art, Jeypore.

	Rs.	A.	P.
1 Large ornamental vase	495	0	0
1 Vase, surmounted by the figure of Luchmee	220	0	0
1 Cow	55	0	0
1 Idol (Sheshshaja)	35	4	0
1 Elephant with ivory trunk	23	2	0
1 Lion	13	4	0
1 Bullock	13	12	0
1 Hare	22	0	0
1 Dog	10	8	0
1 Cow	12	2	0
1 Bison	10	8	0
1 Cow and calf	18	12	0
1 Giraffe	13	4	0
3 Stags with horns, each	9	14	0
2 Stags with spiral horn, each	8	12	0
2 Camels, Rs. 19-12 and	16	8	0
1 Dog	6	10	0
2 Paper-weights (frog shape)	8	12	0
1 Lizard	1	6	0
1 Paper-weight (grape-leaf pattern)	2	4	0
1 Umbrella	88	0	0
An idol (Paresnath)	15	8	0
1 Goat	11	0	0
1 Hindoo god (Kali and Shiva)	22	0	0
1 Ditto (Krishna and cow)	6	0	0
1 Ditto (Maherasoora)	6	0	0
1 Ditto (bear and player)	4	8	0
1 Goat	7	8	0
1 *Paper-weight* (snake pattern)	7	8	0
1 Goat ditto	3	14	0
1 Pig ditto	3	5	0
1 Camel ditto	2	12	0
1 Idol (Paresnath) ditto	1	6	0
1 Do. (Ganesh) ditto	9	14	0
1 Do. (Brahma) ditto	4	6	0
1 Elephant ditto	4	15	0
1 Camel and bearer	6	0	0
1 Elephant, with man under foot	3	5	0
1 Ditto ditto	2	12	0
1 Goddess on lion	5	0	0
1 Camel and rider	2	12	0
1 Bull	2	12	0
Cow and *bhisti*	1	2	0
Idol (Krishna and Radha)	4	6	0
Do. (Ramchunder and Janki)	3	10	0
Do. (Hanuman with attendants)	5	0	0
Do. (Nursingh)	3	6	0
Do. (Bisons fighting)	6	10	0
Do. (Inder with chowrie)	8	12	0

	Rs.	A.	P.
1 Tray, inlaid work	17	10	0
Idol (Balmakund)	3	14	0
Do. (Ganesh)	3	14	0
Do. (Krishna)	1	15	0
1 Bison	2	4	0
1 Ruler	3	2	0
1 Pig	6	10	0
An Idol (Annopoorna)	19	14	0
Do. (Doorga)	19	14	0
Do. (Bishwakurma)	17	10	0
1 Pair elephants do Bukhtawar Silawut Rs. 35-3 and	37	6	0
An idol (Sheshraja)	30	13	0
1 Pair dogs	27	8	0
Do camels	40	12	0
1 Camel (small)	5	12	0
Camel and rider	11	0	0
Cow, calf, and boy	7	12	0
Cow and calf	6	0	0
Bison	7	8	0
1 Pair gilt figures (Rughoonath and Seeta), Bukhtawar Silawut, ...	13	4	0
1 Cow and calf ditto Ganesh Silawut, ...	33	0	0
1 Idol (Shesh Shaja) ditto	49	8	0
1 Pair black dogs ditto Bukhtawar	26	8	0
1 Idol (Nursingh), ditto Ganesh	22	0	0
Do. (Radha and Krishna)	11	0	0
A Shell (*shunkh*) ditto	4	4	0
A Spoon ditto ... ... Rs. 4-6 and	11	0	0
A Fish ditto	6	10	0
An idol (Hanuman)	4	6	0
Chillum for smoking tobacco	2	12	0
An umbrella, Sheo Narain	88	0	0
An idol (Gungajee) ditto	27	8	0
Do. (Krishna) ditto	14	5	0
Elephant with 3 trunks	14	5	0
A Horse ditto	3	6	0
A Bison ditto	4	8	0
A Dancing girl	3	6	0
An idol (Mahesasooree)	14	5	0
An idol (Krishna playing Kala with Radha)	7	12	0
An idol (Krishna looting curd), with 1 Gopee or milk-maid ...	11	0	0
One elephant ditto ...	8	14	0
An idol (Ganesh) ditto ...	5	8	0
Elephant ditto ...	9	15	0
Girl with banjo ditto ...	5	8	0
Dancing girl Hindoo god with wife (Krishna and Radha) } ditto ...	13	4	0
Radha dressed like a Mahratta lady	30	13	0
Hindoo god playing on flute	13	4	0
Hindoo god in a cup	19	14	0
Elephant with white teeth, Odeyram Narain	38	8	0
Elephant (sitting)	16	8	0
Frog ditto	9	14	0
One pigeon ditto	9	14	0
One lizard ditto	1	6	0
One ruler ditto	3	5	0
One black ruler. Odeyram Narain	2	4	0
Camel ditto ditto	47	5	0

				Rs.	A.	P.
Camel (sitting).	Odeyram Narain	...	...	29	11	0
A pair hares	ditto	ditto	...	35	4	0
Do. asses	ditto	ditto	...	39	10	0
A camel (small)	ditto	ditto	...	15	6	0
Elephant (sitting)	ditto	ditto	...	16	8	0
Ditto (standing)	ditto	ditto	...	16	8	0
Ditto with trunk. Exhibited by Odeyram Narain			...	38	8	0
Camel		ditto	...	19	12	0
A pair pigs		ditto	...	22	0	0
A stag		ditto	...	11	0	0
Hindoo god		ditto	...	13	4	0
A snake		ditto	...	15	6	0
Dog		ditto	...	13	4	0
Do. (standing)		ditto	...	19	12	0
A snake. Exhibited by Luchmee Narain			...	13	4	0
Sosp-stone plates. Exhibited by Nursingh, a blind carpenter			Rs. 4-6 and	3	5	0
A lion		ditto	...	7	11	0
Hindoo gods (Ganesh)		ditto	Re. 1-2 and	1	6	0
Ditto (Nursingh)		ditto	Rs. 5 and	3	5	0
Ditto (Krishna and Radha)		ditto	...	3	13	0
A Hindoo goddess		ditto	...	1	6	0
Dito (Ganesh)		ditto	...	2	12	0
Lionst		ditto	...	2	8	0
A pig		ditto	...	2	12	0
A buffalo		ditto	...	2	8	0
Ditto (large)		ditto	...	8	12	0
Camels		ditto	Rs. 2-4 and	8	2	1
Cows		ditto	Re. 1-6 and	7	10	0
Elephants		ditto	Rs. 7-11 and	3	5	0
Bullock		ditto	...	4	6	0
Hindoo god (Krishna)		*ditto*	*Rs. 12-2 and*	19	12	0
Bullocks		ditto	„ 2-13 and	3	13	0
Trays. Exhibited by Gobind Narain Teckawala			„ 53 and	27	8	0
An umbrella. Exhibited by Meer Tajumul Hossein			...	225	8	0
A pig. Exhibited by Meer Tajumul Hossein			...	5	8	0
A plate	ditto		...	13	4	0
Hindoo god	ditto		...	13	4	0
Ditto goddess	ditto		...	11	0	0
5 Mangoes	ditto		...	13	12	0
4 *Kamracks*	ditto		...	11	0	0
1 Paper weight	ditto		...	3	5	0
Pair of plantains	*ditto*		...	4	*6*	*0*
Marble engraving (*tin-lok-ka bha'o*)			...	412	8	0
Hindoo god (Krishna), Mr. S. J. Telléry			...	19	12	0
Hindoo god made of alabaster. Exhibited by Meer Fajumul Hossein Odey Ram Naraio			...	4	6	0
Fans. Exhibited by *Kamar Prithisingh*			...	8	2	0

CLASS XXXIV.—DAMASCENING ON METAL, &C.

Exhibited by the Principal, School of Art, Jeypore.

	Rs.	A.	P.
Goblets (*surahi*), gold and and silver (koft work) ...	3	14	0
Trays, gold (koft work), *Rs. 9-14* and ...	16	8	0
Copper tray inlaid with silver, Rs. 22, Rs. 13-4 and ...	49	8	0
Ditto *lota* ditto	15	6	0

	Rs.	A.	P.
Tray, gold and silver (koft work). Bugru manufacture. Maker, Meeran Buksh	33	0	0
Teapot (koft work)	22	0	0
Milk jug	11	0	0
Tea cup	11	0	0
Lota, gold (koft work)	14	5	0
Do., gold and silver work	11	0	0
Flask, gold (koft work)	14	5	0
Do, gold and silver koft work	11	0	0
Cooking utensils (*degchi*), gold koft work	13	4	0
Cooking utensils (*degchi*), gold and silver koft work ...	8	14	0
Goglet (*surahi*). Gold koft work	8	14	0
Ditto. Gold and silver koft work	5	8	0
Ditto. Box gold koft work	13	4	0
Ditto. Gold and silver do.	8	14	0

CLASS XXXV.—LACQUERED WORK.

	Rs.	A.
Camel, painted	1	2
Horse with rider	3	5
Elephant	2	2
Dancer on pole	1	10
Elephant	0	13
Stag	0	9
Camels, Rs. 3-5	1	2
Elephants	1	2
Native woman	1	10
Elephant	3	5
Hindoo goddess (Gungore)	5	8
Do. (Easar)	5	8
6 Horses	0	10
6 Camels	0	10
6 Elephants	0	10
6 Stags	0	10
6 Tigers	0	10
6 Cows	0	10
Boxes (lacquered work)	0	11
Toilet box do.	1	10
6 Boxes (black)	0	4
10 Do. (dark red)	0	6
10 Do. (red)	0	6
4 Do. (blue)	0	3
2 Do. (black), 0-2	0	5
3 Do. (red) 0-4	0	5
2 Do. (with yellow spots)	0	4
4 Do. (red)	0	3
1 Box (red) do.	0	2
Playing cards (lacquered work)	14	5
Box, Burmese pattern	13	3
Boxes with cover	7	11

Exhibited by the Principal, School of Art, Jeypore.

	Rs.	A.	P.
4 Bed legs ... ... Rs. 8 12	18	0	
1 Pair dumb-bells	11	0	
Goglets (*surahi*), Rs. 4-10 to	6	0	
Vases with covers	3	5	

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	Rs.	A.
Flower-vases	2	10
Cups with tray	3	5
Boxes	2	8
Do. (apple shape) Rs. 1-6 to	2	12
Lotas with covers	1	10
Lota with cover	1	10
Drinking pot (*abkhora*)	1	8
Water goglets (*surahi*)	1	10
Goglets with trays	1	15
Water goglet (*surahi*)	1	2
Ditto	1	2
A goglet (*surahi*)	1	2
Jars with covers (*boyam*)	1	8
Lotas with covers	0	15
Cups with covers	0	15
Box	0	11
Bowls	0	7
6 Rulers (large)	6	10
4 Rulers (small)	3	5
Tray (brown)	1	2
Do. (green)	1	2
Do. (pink)	0	13
Do. (buff)	0	13
Do. (red)	0	13
Do. (purple)	0	13
Do. (yellow)	0	13
Do. (brown)	0	13
Pen case	2	8
Do (spotted)	1	15
Pen case (small)	2	4
Cup with cover (gourd shape)	2	12
Lota with cover	3	13
Box	2	4
Pair of salt cellars	1	2
Water goglet (*surahi*)	4	2
Tea caddies	3	13
Lotas with covers	0	13
Box (apple-shape)	0	13
Drinking cups (*abkhora*)	0	13
Box (Burmese pattern)	16	8
Snake charmer	4	4
Shepherd	3	3
Woman carrying water	1	1
4 Cucumbers	0	5
4 Plantains	0	5
4 Pomegranates	1	5
4 Custardapples	0	5
4 Onions	0	5
4 Cucumbers	0	5
4 Oranges	0	5
4 Guavas	0	5
12 Dates	0	7
18 Almonds	0	10
4 Walnuts	0	3
12 Betelnuts	0	4
20 Small cardamoms	0	6
12 Peppers	0	4
1 Melon	0	14

	Rs.	A.
1 Pumpkin	0	14
6 Pistas	0	2
2 Large cardamoms	0	1
Candlestick. Exhibited by Nursingh, blind carpenter	6	10

Exhibited by Phulchand.

1 Tiger made of papier maché	2	2
Horse	2	2
Tiger	2	10
Pony.	2	2
Pig	1	9
Cats	1	5
Bullocks, Re. 1-9 and	2	2
Squirrel	1	9
Do. Exhibited by Ramsingh	3	4
Buffalo, Rs. 5-8 and	2	2
Deer	5	8

SECTION E.—FABRICS, INCLUDING APPAREL TOILET REQUISITES AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASS XXXVIII.—COTTON FABRICS.

	Rs.	A.	P.
Cotton fabrics of different colors Re 0-4-6 to	1	0	0
Cotton belt (green)	0	3	6
Cotton turban (white)	0	4	6
Cotton belt (white)	0	6	6
Cotton camel strings, with pendants	0	8	6
Horse girth	0	3	6
Bridle cord (variegated)	0	8	6
Camel string	0	15	0
Bridle reins (white)	0	4	6
Cotton cords (white)	0	4	6
Ditto. Manufactured at Jeypore	0	3	6
Horse veils	0	8	6
One piece *rezi*, not bleached	2	8	0
Cotton stuffs (white)	2	9	0
One *rezi* bleached (white)	2	8	0
Cotton *darris* Rs. 2-15 &	3	2	0
Floor-cloth (colored)	8	8	0
Woman's wearing cloths Rs. 3-3 to	2	0	0
Chundri	2	2	0
Scarf (colored) Rs. 4 to	1	10	0
Woman's wearing apparel (*sari*)	2	0	0
Turbans, various Rs. 4 to	2	10	0

Manufactured at Bugroo.

24 kerchiefs used by Rajputs for tying beards	2	9	0
2 cotton belts	1	14	9
One cotton scarf	1	3	0
One pair handkerchiefs	2	2	0
One pair handkerchiefs (printed)	2	2	0

	Rs.	A.	P.
Floor-cloth lined with yellow	26	4	0
Floor-cloth	8	8	0
Cotton floor-cloth (*darri*)	5	3	0
Do. carpet	10	8	0
Do. cash-bag	0	9	0
Horse blinker	0	9	0
One dozen dusters, Rs. 2-4 and	2	13	0

Exhibited by the Jail Factory, Jeypore.

	Rs.	P.
Cotton fabric (Nankin)	1	2
Horse girthing (white and red)	0	15
A pair cotton stockings	0	7
Cotton tape	0	4
Cotton rope, three colored	0	8
Lac and indigo dyed threads	0	3
3 Nets for horses, ...Rs. 10-10 to	25	8
5 Badminton nets @ Rs. 5-5 each	26	9
2 Lawn tennis do. @ Rs. 6-6 each	12	12
2 Bridles do.	2	2
5 Horse nets (*makhanas*)	3	3
1 Sheet (white ground). Manufactured at Sanganir ...	2	2
30 Pieces (small), sheets, @ Rl-8. Ditto	21	13
20 Pieces, sheets. Manufactured at Bugroo, @ 10-8each ...	13	5
6 Print *pagris*. Manufactured at Sanganir	12	12
3 Sheets (black ground). Rs. 8 to	4	0
19 Bed-covers. Manufactured at Sanganir	50	8
Pieces chintz. Ditto ditto	37	3
24 Sheets	38	4
Half a piece chintz (white ground)	1	14
One sheet (blue ground)	2	2

CLASS XXXIX.—WOOL FABRICS, &c.

	Rs.	A.	P.
Woollen felt: Manufactured at Malpura	15	8	0
Prayer rug (round)	4	15	0
Bed-covers, Rs. 11, Rs. 14, and	12	14	0
Prayer rug	5	3	0
Woollen cover	13	7	0
Prayer rug (Mohomedan).	6	3	0
Hair brushes	0	2	6
Woollen floor-cloth or *dari*, manufactured at Jeypore ...	4	12	0
Woollen carpet, manufactured at Jeypore	3	15	0

CLASS XLIII.—MIXED FABRICS AND EMBROIDERY.

Exhibited by the Principal, School of Art, Jeypore.

	Rs.	A.	P.
Table-cloth	157	8	0
Saddle cover	157	8	0
Hukka cloth	147	0	0
Umbrella	126	0	0
Fan	42	0	0
One pair dish covers	42	0	0
Caps, Rs. 14-1 to	23	2	0
Velvet table-cloth	19	0	0

	Rs.	A.	P.
Foot rug (*asan*)	12	10	0
Purse	13	12	0
Neck cloth or comforter	10	8	0
Waistcoat	63	0	0
Waistcoat (*chapkan*)	39	0	0
Fancy work	15	12	0
Dish-cover	8	8	0
Portrait of a Parsee	16	14	0

Exhibited by the Principal, Girls' School, Jeypore.

	Rs.	A.	P.
Strip of embroidery, Rs. 15 to Rs. 4-14	1	6	0
Embroidered docket handkerchiefs, Rs. 4-4 to ...	0	13	0
Embroidered caps (gold)	6	5	0
1 pair silk socks (knitted)	8	8	0
Ditto yarn	2	2	0
Native half socks, As. 11 to	1	10	0
Embroidered shoe (gold)	23	2	0
Net sheets (*chaddar*), Rs. 36-12 to	31	8	0
Embroidered bag	6	4	0
Ditto antimacassars, Rs. 10-8 to	3	3	0
Phulkaris, Rs. 22 to	27	5	0
Handkerchief darned net, Rs. 7-6 to	6	5	0
Darned net lace. Rs. 8 to	1	1	0
Lace	1	15	0
Broad silk lace	8	0	0
Crewel border	17	6	0
Berlin wool slippers, Rs. 5-4 to	5	12	0
Embroidered cushion, Rs. 3-11 and	3	3	0
Baby's embroidered robe	29	8	0

CLASS XLV.—FANCY WORK.

Cotton garlands for decorating idols. Exhibited by Raghoo Nath, Brahmin As. 4-6 to Re. 1-9.

CLASS XLVII.—BOOTS, SHOES, AND SLIPPERS.

Shoes for women, manufactured at Jeypore. Re. 1-9 to annas 11.
Shoes worn by children, annas 2.

Embroidered country felt *ashnot*,	Rs.	10	8
Embroidered country felt *ashnot*,	„	13	12
Ditto sheet (*chaddar*),	„	12	10
Ditto silk waistcoat.	„	27	5
Ditto tea cloths, Rs. 19 and	„	5	12

CLASS L.—JEWELRY AND PRECIOUS STONES.

Exhibited by Mr. S. J. Tellery, a large collection of garnet and crystal necklaces.

	Rs.	A.	P.
Thirteen dozens facet cut garnet ring stones	37	12	0
Eight pieces cut garnet caponchons, very fine colours ...	52	8	0
Silver necklace set with garnet	37	12	0
One dozen silver bracelets (churies), ...	18	14	0
Four pairs ditto set with garnets, ...	35	12	0

	Rs.	A.	P.
Sixteen large garnets	212	8	0
Silver necklace set with garnets	47	13	0
Gold enamelled card case, exhibited by Soogunchand, Jeypore	136	0	0
Gold enamelled bracelet	111	9	0
Ditto locket (heart-shape)	44	10	0
Ditto bracelet set with diamonds, exhibited by Soogunchand, Jeypore	171	1	0
Gold enamelled bracelet (Jeypore and Pertabgurh work) ...	106	4	0
Four ditto ditto ...	216	12	0
Gold enamelled locket set with pearls...	69	1	0
Six ditto fish rings	57	6	0
Fourteen ditto plain do.	74	6	0
Gold enamelled pendant (mango-shape) set with diamonds ... ... Rs. 12-12 to	63	12	0
Gold enamelled locket	32	15	0
Ditto brooch	58	7	0
Ditto ditto (butterfly pattern)	53	2	0
Ditto shirt buttons, set of four pieces	19	2	0
Ditto sleeve-links (two pairs), ditto	31	14	0
Ditto earrings (one pair), ditto	12	12	0
Two watch pendant whistles ditto	34	0	0
Gold enamelled necklace with seven pendants	96	11	0
Silver necklace. Exhibited by the Jail Factory, Jeypore ...	31	8	0
One pair silver bracelet. Ditto	17	4	0

Exhibited by the Principal, School of Art, Jeypore.

Scent phial or *terai* gold enamel	170	0	0
Pearl toilet stand, with tray	223	2	0
Pair of bracelets (fish pattern)	63	12	0
Snuff box	76	8	0
Mango shape charms ... ... Rs. 17-8 to	31	14	0
Lockets (heart shape)	26	9	0
Charm (boat shape)	7	7	0
Fish ring, plain gold ... ... Rs. 7-7 to	6	14	0
Hair pin with pearl	6	6	0
Bracelets	116	14	0
Snuff box	132	13	0
Necklace set with *feroza*	265	10	0
Charms (mango-shape) ... ... Rs. 29-12 and	31	14	0
Goglet with tray (*surahi*)	148	12	0
Boxes (apple-shape) ... ... Rs. 34 and	58	7	0
Lota	25	8	0
Salt cup, with spoon gilt inside	23	6	0
Antimony box, with a figure representing a peacock on the top	20	3	0
Salt cups	19	2	0
Set of buttons (four pieces)	10	10	0
Cross	3	3	0
Small tray	15	15	0
Tray	36	2	0
Square box	42	8	0
Round box	40	6	0
Hukka (Jeypore pattern)	164	11	0
Ditto (Jodhpore pattern)	51	0	0
Toilet stand (pigeon pattern)	98	13	0
Scent phial or rose sprinkler	40	0	0

	Rs.	A.	P.
Cup, with cover (Ganesh)	85	0	0
Sugar bowl	63	12	0
Engraved mug, with handle	46	12	0
Ditto, without ditto	22	5	0
Engine-turned mug, ditto	24	7	0
Jug	47	13	0
Sugar bowl, with spoon (elephant pattern)	37	3	0
Ash tray	15	15	0
Engine-turned wine cups, gilded inside ... Rs. 6-6 and	10	10	0
Match-case holder	9	0	0
Sugar bowl, with handle	12	12	0
Necklace (filligree)	29	12	0
Pair bracelets (ditto)	21	4	0
Brooch (flower pattern)	5	5	0
Pair of earrings, (ditto)	3	12	0
Brooches (ditto)	8	12	0
Hukka mouthpiece	17	0	0
Ditto (elephant pattern)	42	8	0
Antimony box, with pearl fringes ... ... Rs. 6-14 and	12	12	0
Drinking vessel (*chooskey*)	8	8	0
Tray on three legs	3	12	0
Double cup, one inside the other	5	5	0
Wine cup, with handle	1	5	0
Silver brooches (tiger pattern)	3	11	0

Exhibited by Mr. S. J. Tellery.

Very fine garnets (large)	2	10	0
Silver necklace set with garnets	49	8	0
Garnet and crystal necklace with pendants	26	8	0
Silver necklace set with garnets	36	12	0
Garnet necklaces (silver enamelled)	21	0	0
One pair ditto	16	12	0
Ditto garnet earring button set in gold, ditto ...	0	14	0

Exhibited by Kasinath, Jeweller.

Gold enamelled watch chain pendants set with diamonds, Rs. 79-12 each, or the lot	478	0	0
Do. without jewels	63	12	0
Do. bracelets with diamonds, Rs. 796 and	850	0	0
Do. bracelets, set with pearls, Rs. 229 and	212	8	0
Do. bracelet, without jewels	175	5	0
Bracelet, dragon-headed, set with diamonds	228	7	0
Gold enamelled bracelet (elephant-headed)	1,062	8	0
Do. bowl set with diamonds	212	8	0
Gold enamelled watch chain pendants, at Rs. 21-4 each (fish pattern)	42	8	0
Do. brooch (tiger pattern), ditto	21	4	0
Do. locket set with pearls, dittto	212	8	0
Do. locket without jewels, ditto	79	11	0
Do. rings (Jeypore fish pattern), at Rs. 12-14 each, or the lot ditto	63	12	0
Do. shirt studs set with diamond, ditto	53	2	0
Do. enamelled shirt studs without jewels, ditto ...	22	5	0
Do. scent bottle (*attardán*) set with diamonds, ditto ...	531	4	0
Coral necklace ditto	212	8	0

	Rs.	A.	P.
Silver armlets (*báju*), ditto, at Rs. 15-15 each, ditto, or for pair	31	14	0
Pair earrings, (*morpatta*), ditto	21	4	0
Do. (*bindi*), ditto	17	0	0
Silver foot ornaments (*karrás*), at Rs. 37-3 each, ditto or for both	74	6	0
Do. (Maharatti), at Rs. 37-3 each, ditto or for both	74	6	0
Do. (*sanklas*) at Rs. 15 15 each, or for both	31	14	0
Do. (*pazebs*), at Rs. 85 each, or for both	170	0	0
Do. toe ornaments (*phulris*), at Rs. 37-3 each, or for both	74	6	0
Silver plate	85	0	0
Do. bowl with cover handle, parrot shape	42	8	0
Do. cup (*abkhora*)	26	9	0
Do. pendants (mango-shaped), at Rs. 12-14 each, or the lot	51	0	0
Gold necklaces ... Rs. 85 to	451	9	0
Do. bracelets (bangles) ... Rs. 85 and	239	1	0
Do. enamelled necklace ... Rs. 637 and	1,275	0	0
Do. (*rámnámi*)	223	2	0
Do. (*baleora*) Rs. 371-14 and	850	0	0
Do. (cord pattern)	345	5	0
Do. card cases, at Rs. 159-6 each, or the lot	318	12	0
Do. earrings	531	4	0
Do. ditto (fish pattern)	212	8	0
Do. ditto (leaf pattern), at Rs. 79-11 per pair, or the lot	239	1	0
Do. ditto (flower pattern), at Rs. 42-8 per pair, or the lot	255	0	0
Silver necklaces Rs. 12-12 to	170	0	0
Do. belt	53	2	0
Do. bracelets, at Rs. 22-5 each.			
Do. bangles at Rs. 18-9-6 or	8	8	0
Do. *karas* at Rs. 5-5 to	10	10	0
Do. armlets Rs. 47-13 and	58	7	0

CLASS LII.—OBJECTS NOT SPECIFIED.

	Rs.	A.	P.
Hukkas. Manufactured at Jeypore	0	13	0
Horsewhip	0	5	0
Horse-trappings	1	1	0
Black comb As. 4 to	1	1	0
Wooden box. Exhibited by Jail Factory, Jeypore	1	1	0

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

CLASS LVII.—SOAP.

	Rs.	A.	P.
Bar soap. Manufactured at Jeypore	0	4	0

CLASS LIX.—LEATHER.

	Rs.	A.	P.
Leather belt. Manufactured at Jeypore	2	8	0

CLASS LXVII.—ROPE, MATS, &c.

	Rs.	A.	P.
Moonj rope. Manufactured at Jeypore	0	2	0
Ditto As. 1 and	0	2	0
Aloe fibre white rope. Exhibited by Jail Factory, Jeypore As. 6 and	0	2	0
Aloe fibre mat	4	4	0
Moonj mat, black and white	0	12	0

CLASS LXXXI.—OTHER PRODUCTS AND MANUFACTURES NOT SPECIFIED.

	Rs.	A.	P.
Packets beaten silver leaves. Manufactured at Jeypore	1	1	0
Ditto gold leaves	4	2	0

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

CLASS CXLVI.—WEAPONS AND IMPLEMENTS OF THE CHASE

Exhibited by Kallan.

	Rs.	A.	P.
Straight sword, double edge	16	8	0
Carved swords Rs. 9-14 to	13	4	0
Dagger, double edge (engraved)	7	11	0
Do. (tiger pattern)	5	8	0
Afghan dagger	7	11	0
Daggers, curved	6	10	0
Battle axe Rs. 2-4 and	3	5	0
Nepal *kukri*	5	8	0
Knives with brass handles	9	14	0
Small daggers	4	6	0
Small knives	3	5	0
Black shield	55	0	0
Green bows	11	0	0
Iron gloves	7	11	0
Small knives (koft work) Rs. 2-4 and	3	5	0
1 Knife, engraved	7	11	0
Do. with iron handle	4	6	0
1 Knife (Koft work)	7	11	0
Do. with iron handle	3	14	0
Do. with ivory handle Rs. 1-2 and	2	4	0
1 Knife, with horn handle	3	5	0
Do. with handle representing lion (koft work)	5	8	0
Do. with iron handle (gold)	11	0	0
Do. brass (tiger pattern)	2	4	0
Do. with German silver handle	2	4	0
Do. with ivory handle	1	2	0
Do. with iron handle	1	2	0
Daggers, engraved Rs. 11 to	5	8	0
Dagger with handle	6	10	0
Ditto, double tongue	5	8	0

	Rs.	A.	P.
Dagger (Shikargah pattern)	6	10	0
Ditto, engraved	4	6	0
Ditto of Bundi ... ... Rs. 2-4 to	7	11	0
Long knife	6	10	0
Curved daggers	6	10	0

Exhibited by Nur Buksh.

Curved daggers	11	0	0
Nepal *kukri*	11	0	0
Straight swords ... ... Rs. 22 to	6	10	0
Engraved sword with gold hilt (koft work)	22	0	0
Engraved sword with silver hilt ... ... Rs. 44 to	4	6	0
Sword, curved	6	10	0
Do., straight...	13	4	0
Do. (koft work)	13	4	0
Partizan, engraved ... ... Rs. 4-6 to	2	4	0
2 Partizans, with concealed swords with 2 steel handles ...	15	6	0
Partizan	0	14	0
Battle-axe	2	12	0
Dagger-headed lance	2	4	0
Spear-head and bottom	11	0	0
Axe	7	11	0
Sword in brass case	4	6	0
Spear-heads and bottoms ... ... Rs. 3-5 to	6	10	0
Dagger (scissor pattern, Tehnishan)	44	0	0
Shield, steel (moon pattern)	5	8	0
Quivers and 20 arrows	13	4	0
Black shields (rhinoceros pattern) ... ... Rs. 22 and	55	0	0
Red shield, raised work	3	5	0
Complete set of coat of mail	44	0	0
Nepal *kukri*	7	11	0

Exhibited by Meeran Buksh.

Shield (koft work)	22	0	0
Dagger, telescopic	33	0	0
Do. (scissor pattern)	33	0	0
Lance-daggers, headed ... ... Rs. 11 and	13	4	0
Coat of mail, steel	44	0	0
Shields with horns ... ... Rs. 26-6 and	22	0	0
Paris spear-heads and bottoms	13	4	0
Battle-axes	5	8	0
Battle-axe with concealed dagger	13	4	0
Do. (elephant pattern)	9	14	0
Do. (peacock do.)	8	12	0
Battle-axe	11	0	0
Straight sword	16	8	0
Do., double edge	13	4	0
Curved sword	22	0	0
Straight do.	8	12	0
Curved do.	6	10	0
Nepal sword	6	10	0
Engraved sword	11	0	0
Engraved daggers ... ... Rs. 11 and	8	12	0
Nepal *kukri*	5	8	0
Steel knives	33	0	0

	Rs.	A.	P.
Knives (koft work)	17	10	0
Straight daggers	13	4	0
Curved dagger (koft work) ... ... Rs. 8-12 and	6	10	0
Steel knife (old)	4	6	0
Iron knives, straight	6	10	0
Knives with horn handles	4	6	0
Do. small (gold work)	3	5	0
Walking stick (or *churi*) with ivory handle	5	8	0
Carved axes	6	10	0
Knife with ebony handle	5	8	0
Partizan (silver work)	2	4	0

Exhibited by Punné Khan.

Black shield	27	8	0
Green do.	5	8	0
Golden do.	5	8	0
Shield (gold work) shield...	5	8	0
Do. (moon pattern)	4	6	0
Daggers ... ... Rs. 8-12 and	55	0	0
Small knives in blue case...	6	10	0
Walking sticks or *churees*	6	10	0
Small dagger	4	6	0
Axes	4	6	0
Small shields with horns ... ... Rs. 4-6 to	8	12	0
Sword stick	4	6	0

Exhibited by Mowlá Buksh.

Partizans ... ... Rs. 3-5 and	11	0	0
Daggers without sheath	9	14	0
Do., double edge	7	11	0
Shields (tiger pattern)	4	6	0
Shields with horns	22	0	0
Nepal *kukri* ... ... Rs. 5-8 and	6	10	0
Curved sword	8	12	0
Sword	4	6	0
Choga	4	6	0
Dagger	3	5	0
Knives	4	6	0
Spear-heads	2	4	0
Battle-axe ... ... Rs. 2- 4 and	8	12	0
Knife, carved	3	5	0

Exhibited by Ameer Buksh.

Shield	27	8	0
Quiver and 20 arrows	13	4	0
Battle-axe with concealed dagger (Arab pattern)... ...	11	0	0
Battle-axe, engraved	5	8	0
Swords, straight	11	0	0
Small dagger	3	5	0
Dagger	5	8	0
Carved daggers ... ... Rs. 6-10 and	4	6	0
Do., with lead handle	6	10	0
Dagger, engraved	7	11	0
Shield, black	5	8	0

	Rs.	A.	P.
Shield with horns	7	11	0
Carved sword	7	11	0
Nepal *kukri*	5	8	0
Daggers	Rs. 6-10 and 7	11	0
Knife with brass handle	2	4	0
Dagger-headed lance	3	5	0

Exhibited by Mahomed Buksh.

Straight sword	Rs. 13-4 and 22	0	0
Black swords, *hakim* gilt	7	11	0
Straight sword	8	12	0
Sword, large blade	13	4	0
Daggers	Rs. 2-4 to 12	2	0
2 Knives with horn handle	6	10	0
1 Do. with ivory do.	Rs. 3-5 and 7	11	0
Long knife with ivory handle	44	0	0
Straight sword	11	0	0
Partizans	Rs. 3-5 and 4	6	0
Shields	4	6	0

Exhibited by Khir-uddeen.

Curved Afghan dagger	220	0	0
Damascened do.	11	0	0
Sword, straight	110	0	0
Ispahan do.	110	0	0

Exhibited by Dowlat Bux.

Shields	Rs. 2-8 to 3	5	0

Exhibited by the Principal, School of Art, Jeypore.

Shield (gold koft work)	50	8	0
Large coviated and forked sword with hilt (Koft work)	50	8	0
Small do.	29	11	0
Sword with Tehnishan hilt	33	0	0
Large battle-axe (koft work)	41	14	0
Tomahawk (silver koft work)	13	4	0
Ditto (gold)	33	0	0
Axe with spear	33	0	0
Tomahawk with gold koft work	27	8	0
Tomahawk, engraved	19	14	0
Spear head (koft work)	19	14	0
Double-bladed dagger	18	11	0
Bichwa with horn handle	5	8	0
Tehnishan axe	13	4	0
Tehnishan axe hatchet	12	2	0
Axe (koft work)	11	0	0
Hatchet (ditto)	11	0	0
Pharsi (ditto)	16	8	0
Jamya with koft work handle	16	8	0
Katar V-shape	29	11	0
Jamya with koft work handle	22	0	0
Walking stick with ivory handle	11	0	0
Chopper or *dao*	6	0	0

	Rs.	A.	P.
Bhujali	9	6	0
Curved *churi*	6	10	0
Hatchet (koft work)	20	14	0
Curved sword	30	14	0
Sword or khanda	27	8	0
Dagger V-shape	26	6	0
Indian arm (tiger face pattern)	19	14	0
Knives ditto	13	4	0
Daggers	Rs. 25-5 and 55	0	0
Phursi (koft work)	16	8	0
Shield (gold & silver koft work)	12	2	0
Paper knife	3	5	0

Purchased by Government.

Earthen *chillam* for smoking	0	0	9
Do. pot (*handi*)	0	0	9
Do. jar with spout	0	1	3
Do. cups	0	1	6
Do. lamps	0	0	6
Do. skin scratcher	0	0	6
Do. *hukka*	0	0	9
Do. pots	0	1	6
Do. oil pot	0	0	6
Do. *chillam* for smoking tobacco	0	1	6
Do. jug	0	1	3
Do. *chillam* for smoking tobacco	Rs. 0-0-3 and 0	0	9
Do. flour bowl	0	0	4
Do. cup	0	0	3
Do. cooking pot	0	0	3
Do. *tayá* for smoking tobacco	0	0	1
Do. *hukka* (cocoanut pattern)	0	0	6
Do. oil pot	0	0	2
Do. cooking pot	0	0	3
Do. cake pan	0	0	3
Do. lamp	0	0	4½
Do. spittoon	0	1	0
Do. *chillam*	0	1	0
Do. betel-box	0	1	0
Do. *hukka*	0	2	0
Do. *abkhora*	0	1	0
Do. do. with spout	0	1	0
Do. *lota* with spout	0	0	6
Do. oil pot	0	0	6
Do. *chillam* for smoking	0	0	6
Do. *lota*	0	0	6
Do. skin scratcher	0	0	3
Do. *lota*	0	1	3
Do. do.	0	0	3
Do. plate	0	0	3
2 Do. *lotas*	0	0	1½
4 Do. lamps	0	0	1½
Wooden candlestick	0	0	8
Do. ladle	0	0	8
Do. *hukka*	0	0	3
Do. comb	0	0	3
133, 141, Specimens of gold and silver laces	26	5	3

	Rs.	A.	P.
Large basket (white)	0	0	9
2 Small baskets (black and white) ... Re. 0-0-9 and	0	0	6
1 Large basket ditto ... Rs. 0-1-0 and	0	1	3
One papier maché basket	0	0	9
1 Lac bracelet (*choora*)	0	8	6
Do. (*taranj patte*), Rs. 2-15 to	1	3	0
Do. (*green phul choorá*)	1	3	0
Do. (*asmani firoza machiká*)	1	14	0
Do. („ „ *bind kiká*)	1	14	0
Do. (*sosni taranj beldar*)	1	3	0
Do. (*sabz* „)	1	3	0
Do. (*sitáree ká*)	1	3	0
Do. bracelet (*dohra patree meenáká*)	0	15	0
Do. (*ahari taranji*)	1	1	0
Do. (*gokhrooká*)	1	5	0
Do. (*sosni koondleká*)	1	5	0
Do. (*gokhrooká*)	1	5	0
Do. (*lal tamraká*)	2	0	0
Thin rope "Moonj"	0	0	9
Thick	0	1	3
Rope chika	0	0	3
8 Varieties of Jeypore paper	1	14	0
Sheep wool (black) ... ... 63 10 to 15 p. md.			
Ditto (white) ... ... ditto.			
Nankin cotton ... ... ditto.			
Camel hair ... ... ditto.			
Specimens of Jeypore cotton	0	2	3

Presented by Mr. S. J. Tellery.

SECTION E.

CLASS L.

A collection of rough garnets.
One piece aqua marina, weighing 16½ tolas.
Garnet powder.

SECTION F.

CLASS LXXVII.

Vegetable oil gas tar.
Ditto naphtha.
Ditto naphthalin.
Ditto pitch.
Wood gas tar.
Ditto pitch.
Ditto naphtha.
Liquid native writing ink.
Concentrated ditto.
Lamp black.
9 Crucibles.

CLASS LXXII.

24 Specimens Jeypore building stones, presented by Museum Committee.

CLASS LX.

Kishengurh paper, presented by Kishengurh State.
Ditto cotton. Rs. 63.
Sheep wool.
Black or white wool yarn.

SECTION A.—SUPPLEMENTARY.

CLASS I.

	Rs.	A.	P.
Portrait of H. H. Maharajah Madho Singh. Exhibited by Mr. S. J. Téllery	16	8	0
Painting	4	12	0
Do. of Krishna and Radha	11	0	0
Portrait of H. H. Maharajah Ramsingh	11	0	0
4 Designs of crown. Exhibited by the Principal, School of Art, Jeypore ... ... Rs. 13-4 to	16	8	0
3 Designs of Tanjore work	6	10	0

SECTION D.

CLASS XXXIV.

	Rs.	A.	P.
Tyneshan tray in case. Exhibited by the Principal, School of Art, Jeypore	110	0	0
Ditto, small	26	6	0
Ditto, inkstand	8	14	0
Ornamental tray (Koft silver)	18	12	0

CLASS XXXIII.

	Rs.	A.	P.
A snake (black). Exhibited by Odeyram Narain. Price ...	16	8	0
A Hindoo god (Mahádeo)	6	10	0
Sacred bulls ... ... Rs. 8-14 and	11	0	0
One pair frogs	5	8	0

CLASS XXXVIII.

	Rs.	A.	P.
A dog (black). Exhibited by Odey Ram Narain ...	5	8	0
Do. (white). Ditto ditto	9	14	0
A marble pen box (white) ditto	12	2	0
A Hindoo god (Krishna) ditto	58	6	0
2 rulers (black) ditto	11	0	0

SECTION E.

CLASS L.

	Rs.	A.	P.
Gold enamelled necklace. Exhibited by the Museum Committee, Jeypore	478	2	0
Drinking cup (silver and gold pierced work). Exhibited by Kamar Prithisingh of Bugroo	63	12	0

SECTION B.

CLASS VII.

	Rs.	A.	P.
3 Vols. History of Rajputana in Urdu (Wiquaya Rajputana). Exhibited by Moonshi Jwalá Sahai, Jeypore	12	0	0

SECTION F.

CLASS LXXII.

6 Fire bricks. Exhibited by the Principal, School of Art, Jeypore	0	2	0

MADRAS AND TRAVANCORE.

SECTION A.—FINE ARTS.

CLASS I.—PAINTINGS.

THE oldest specimens of Hindu pictorial art are fresco paintings, of which fragments still remain in the cave-temples of Ajanta. In these the human figures are generally fairly well drawn, but such accessories as palaces, buildings, hills, rocks, seas, and rivers are rendered in a manner so conventional, that it requires, to render the pictures intelligible, some previous knowledge of the methods or signs adopted. As regards the coloring of these frescoes, it has of late years been greatly injured by "bees, bats, and barbarians," but enough remains to show that it had been executed with considerable skill. Unfortunately the copies of these productions, taken so laboriously by Major Gill, were all lost after their transmission to England in a fire which occurred at the Crystal Palace in 1866; but of late Mr. Griffith, of the Bombay School of Arts, has been engaged in making copies of all that remain, for the Indian Museum at Kensington. These Ajanta frescoes have a double interest, inasmuch as they afford elaborate pictures of the domestic, religious, and social life of the people of the period, as well as examples of the degree of perfection which they had attained in art. Some of the oldest paintings at Ajanta are considered to date back as far as the second century of our era, while the later ones were probably executed in the seventh century. Their value, therefore, as illustrative of the every-day life of the people at that remote period can hardly be over-estimated. The pictures are said to show little knowledge of the science of art, there being a want of attention to perspective and light and shade. The chief aim of the authors of the paintings was evidently to give graphic pictures of scenes or stories which impressed their fancy, irrespective of artistic effect. At the same time, they did not despise grace and beauty in their productions, and they evidently had a considerable knowledge of the art of colóring. Since the time that these works were produced it does not appear that any advance has taken place in pictorial art in Southern India. On the contrary, there has been a decadence, except in quite recent years, when attempts have been made, under European influence, to disseminate some knowledge of the principles and practice of modern art. Of purely native pictorial art, dissociated from industrial productions, there is not a relic at the present day, as we cannot regard as works of art the tawdry productions on talc and paper illustrative of castes and industries, and the more ambitious paintings on ivory, &c., which are often grotesque and more or less vulgar and effeminate. Some of the industrial applications of art, such as the hand-painted palampores of the south, are evidently copies of traditional patterns that have come down from remote times, and show considerable taste in the choice and grouping of colors. The subjects of the patterns on these are generally such as to allow the artist to dispense with attention to perspective and light and shade. As a result, we have these flat pictures, in which the Hindu has always excelled, and which are so appropriate for carpet, shawl, and mural decoration. Paintings in oil, such as those kindly lent by His Highness the Maharajah of Travancore, although executed by indigenous artists, cannot be regarded as purely native productions, inasmuch as they show evidence of their being the outcome of the influence of Western art. If fine art therefore, be regarded as a measure of social progress and refinement, the great mass of the people of Southern India cannot be said to have advanced one iota since the downfall of Buddhism and the revival of the rival creed in the early centuries of our era. The same may be said with reference to the graphic and plastic ornamentation of places of workship, in which we see the crystallised ideas of remote times, covered with crude incrustations of the mythology of later years.

(*Lent by the Government of His Highness the Maharajah of Travancore and executed by Ravi Varma, Koil Tamburan of Kilimánar.*)

1 Oil painting of Kerala Varmá, Valiya Koil Tamburan of Travancore.
1 Oil painting of Her Highness Lakshmi Bháyi, Senior Rance of Travancore, M.I.O.C.

(*Exhibited by Rama Warier, Cochin. For sale.*)

	Rs.	A.	P.
"Mohini," an oil painting	75	0	0
"A beggar," do.	75	0	0
Malabar Brahmin Lord, a painting on ivory ...	25	0	0

(*Exhibited by Rajagopaul Rajoo, Madras. For sale.*)

7 Sets of ivory paintings for bracelet	each	4	8	0
2 Ditto ditto brooch	,,	3	0	0
2½ Dozens ditto buttons	,,	12	8	0
12 Botanical paintings representing medicinal plants.				

(*Exhibited by Kalastry Brothers, Artists, Madras. For sale.*)

1 Crayon drawing of His Highness the Maharajah of Travancore, K.C.S.I.	300	0	0

FROM TANJORE.

(*Procured through M. R. Ry. S. Gopalakrishna Pillay Avergal, Secretary, Tanjore Local Committee.*)

Exhibited by Gopalsawmi Rajoo, painter, Eastern Street, Tanjore. To be sold or returned to the exhibitor.

	Rs.	A.	P.
Painting on ivory representing the marriage of Rama with Sita. The scene represents Rama and his wife seated on a throne, while on his left are his brothers, and on his right a number of attendant rishis, and below a number of monkeys in a state of adoration, and on the footstool another monkey supporting his feet	57	8	0
Painting on ivory representing Krishna playing the flute under a *Calophyllum* tree, and a milk-maid on each side offering him a ball of butter, while a cow is licking his feet	32	3	2

PAINTINGS ON TALC.

FROM TANJORE.

(*Procured through M. R. Ry. Gopalakrishna Pillay Avergal, Secretary, Tanjore Local Committee.*)

Representing—

Muhammadan gentleman and his wife.
Ditto ditto.
Carrier and his wife.
Toddyman and his wife.

"Bairagis" or wandering beggars.
Potter and his wife.
Dancing-girl and dancing-master.
Parsi gentleman and his wife.
Hukka-server and his wife.
Mogul and his wife.
Toddy-drawer and curd-seller.
Ditto and his wife.
Muhammadan gentleman and his wife.
Chobdar and his wife.
Fortune-teller and his wife.
Basket-maker and his wife.
Ghorawallah and his wife.
Grass-cutter and his wife.

Rs. 5.

FROM TRICHINOPOLY.

(*Procured through M. R. Ry. Pattabhiram Pillay Avergal, President, Trichinopoly Local Committee.*)

Representing—

Dancing-girl.
Barber and his wife.
Basket-maker and his wife.
Quail-monger and his wife.
Butler and cook.
Police constable and his wife.
Brahmin and his wife.
Butler and ayah.
Rajput and his wife.
Dhobi and his wife.
Durzi and his wife.
Pankah-puller.

(*Purchased by Government.*)

Representing—

Ghorawallah.
Dhobi.
Carpenter.
Potter at his wheel.
Pukkali or waterman.
Toddy-drawer.

(*Exhibited by Rajagopaul Rajoo, Madras. For sale.*)

	Rs.	A.	P.
10 Books of pictures on talc	40	0	0
2½ Dozens ditto paper	21	0	0

CLASS V.—PHOTOGRAPHS.

The series of photographs sent by Messrs. Nicholas & Co. are of considerable archæological interest, and some of them, such as the "carved ceiling" must have been very difficult of execution.

(Exhibited by Messrs. Nicholas & Co., Photographers, Madras, to be sold at the close of the Exhibition.)

24-Photographic Views of Southern India—Rs. 3 each.

Poothoo Muntapum, Madura.
The Teppa Tank, Madura.
The Trichinopoly Rock.
The Great Bull, Tanjore.
The Festival Car, Madras.
Bas-relief representing Vishnu Trivikram, Seven Pagodas.
Carved Ceiling, Kalyana Muntapum, Vellore.
Long Colonnade, Rameswaram.
The Lake from the East, Ootacamund.
The Lake, Ootacamund.
Carved Pillar, Vellore.
Hoolical Droog, Coonoor.
The Lake, Sim's Park, Coonoor.
The Pillar Rocks, Pulney Hills.
Fairy Falls, Pulney Hills.
Figure of Siva, Vellore.
Mylapore Tank, Madras.
View from the Pier, Madras.
Hindu Temple, Madras.
Bathing-place, Courtallam Falls.
Eastern Porch of the Temple, Rameswaram.
Ganesa Temple (Monolithic), Seven Pagodas.
One of the Monolithic Temples, Seven Pagodas.
Bas-relief representing Vishnu recumbent upon the snake Seesha, Seven Pagodas.

CLASS VI.—WATER-COLOUR DRAWING WITH ACCESSORIES PASTED ON.

		Rs.	A.	P.
1	Drawing in red, blue, and gold, representing Krishna seated on a throne with a pot of butter in one arm and a milk-maid on each side dalying with him ... *(Exhibited by Narain Rowjee, Vellore. For sale.)*	132	4	0
1	Picture of Krishna in embroidery.			

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASS XIV.—MUSIC INSTRUMENTS.

Music in some stage of development seems to be common to every people, and even the most barbarous races possess some kind of musical instrument. With the Hindus music has always been a favourite art, and the popular god Krishna is generally represented as playing on a flute. Much ingenuity has also been devoted in India to the invention of musical instruments, and these possess a particular interest at the present day, inasmuch as some have remained unaltered for centuries. Beginning with the simpler forms belonging to the rude hill tribes, and proceeding onwards to those in use amongst the more civilised population of villages and cities, we find a most interesting variety, capable of affording much information as to the characteristics of the national music. From this point of

view they have hitherto received little or no attention and a rich field of research therefore remains for the investigation of the ethnologist and musician. As regards Hindu music, some of the older airs are rich in expressive melody, and one reason why the higher class of them does not appeal to European taste lies in the peculiarities of the scale. According to Carl Engel, "the Hindus divided their musical scale into intervals smaller than our semi-tones. They adopted 22 intervals, called *fruti*, in the compass of an octave. The *fruti* may, therefore, be compared to our chromatic intervals. But from an old treatise written by Soma it is evident the common scale of the Hindus had much the character of the pentatonic order of intervals."* In the construction of their musical instruments the natives of India have called into requisition a great variety of substances. The chief of these are reeds, bamboos, gourds, wood, iron, brass, shells, bone, ivory, gut, bladder, and skin. It is impossible to frame a classification of the instruments which will indicate their position in the probable order of their successive invention, but the following is given as an attempt in that direction, in so far as regards the simpler and more primitive types in each class:—

(*a*)—*Instruments of percussion*—

Drums, tambourines, cymbals, castanets.

(*b*)—*Wind instruments not depending on reeds*—

Instruments of the trumpet kind, such as horns and flutes and whistles.

(*c*)—*Wind instruments with reeds.*

Pipes of various kinds with vibrating reeds of cane or reed, and a single tube. Instrument with blow-pipe, leather bag, and chanter, like a bag-pipe. Pipes with two or more tubes inserted into a small bottle-gourd.

(*d*)—*Stringed instruments*—

Instruments with one string and without a finger-board. Dulcimer with frame and strings of cane. Instruments with finger-board and frets for shortening the strings, the sound being produced by twanging with the fingers or with a piece of wood, bone, &c. Instruments with finger-board, and played with a bow like the violin.

(*a*)—INSTRUMENTS OF PERCUSSION.

Drum.—The varieties of this instrument are numerous. Some, shaped like a kettle-drum, are made of iron and covered with strong hide; but generally speaking the body of the drum is made of a hollowed section of the trunk or branch of a tree. In the larger drums the ends are closed with sheep skin, but in some of the smaller ones bladder is used. The Tamil names of the several drums are as follows:—

Odal.—1 Foot 7½ inches × 1 foot 2½ inches, ends closed with sheep skin, ordinary drum shape and laced with rope. Hollowed section of a tree.

Thaval or Dole.—1 Foot 3½ inches × 1 foot 1½ inches, ends closed with sheep skin, ordinary drum shape and laced with rope. Hollowed section of a tree.

Doliki.—1 Foot 1½ inches × 9½ inches, ends closed with sheep skin, ordinary drum shape and laced with leather thongs. Hollowed section of a tree.

Mathalam.—1 Foot 7 inches × 8½ inches, barrel shaped and laced with leather thongs. Hollowed section of a tree.

*Descriptive Catalogue of Instruments in the South Kensington Museum, 2nd edn., page 56.

Pombai.—Two oblong shaped drums, lashed together, both about 1 foot 1 inch in length and about 7 and 6 inches, respectively, in diameter. Made of the hollowed branch of a tree. One is played by beating with the fingers, and the other by rubbing a stick covered with leather. Laced with rope.

Gonthalam.—A pair of kettle-drums turned in the shape of a flower-pot out of the trunk of a tree, 1 foot × 8¼ inches; laced with ropes.

Gidikatti.—A pair of miniature kettle-drums, made as above, 6 inches × 6 inches, laced with leather thongs.

Uduk-kai.—A brass hour-glass shaped drum, 6¾ inches × 6¾ inches, covered with bladder and laced with twine; used in various religious ceremonies.

Uduk-kai.—A smaller plain little drum, used by jugglers and men who exhibit performing monkeys.

Dape.—A tambourine, 1 foot 9⅓ inches, rim of wood 4½ inches deep, and covered with parchment.

Dasari Thappa.—Small rude tambourine made of two semi-circular sections of wood joined with iron clasps, 7½ inches × 3⅓ inches, covered with parchment.

Kanjir.—A small tambourine with attached cymbals and rattles, 5¼ inches × 3 inches, covered with the skin of a lizard.

Tieri.—A pair of small castanets, made apparently of blackwood (*Dalbergia latifolia*).

Jaler.—A pair of small brass cymbals.

Thalam.—A pair of brass cymbals, each 4½ inches in diameter.

Jangani.—A small brass gong, such as is used by beggars.

Chippla.—Two wooden castanets, each with a ring for the finger to hold it, and mounted with two pairs of small brass cimbals and brass rattles.

(*b*)—WIND INSTRUMENTS WITHOUT REEDS.

Horns.—Some of the hill tribes in Ganjam use a bullock's horn like a trumpet, but of course religious scruples would prevent Hindus generally from using such an instrument.

Sanku.—A conch shell. The conch is usually blown through a small hole made in the spiral end. In the instrument exhibited the spiral is encased in brass, which has a mouth-piece like a trumpet. The other end of the shell is also brass-mounted, and has a large floral expansion, in shape something like the tail of a mythical bird often seen on temples.

Thiruchinnam.—Two thin brass trumpets, each 2 feet 3 inches in length.

Kombu.—A S-shaped brass trumpet, 4 feet 8 inches in length, diameter of bell 6 inches. It resembles in shape the ancient Scandinavian horn, and is used on various ceremonial occasions.

Alkuja.—Whistle made of bamboo, 10 inches long and with 8 holes, very close together.

Pullangolal.—Flute made of bamboo, 13 inches long with 8 finger-holes.

(*c*)—WIND INSTRUMENTS WITH REEDS.

Mogavine.—A small oboe-like instrument made of hard wood, 11 inches long. The reed in this, as in most of the other reed instruments, is usually made out of the pointed end of the flowering spathe of the cocoanut palm, and is therefore thick and stiff, and harsh in tone compared with reeds made from cane. Sometimes, both in the north and south, sections of the leaf of the palmyra palm are used in making reeds. The mogavine has eight finger-holes in front, all of the same size, and one behind. The upper end is made in a way that leads me to suppose that some mouth-piece originally belonged to it, and the lower end is ivory mounted.

Karna.—A large instrument like an oboe, made out of one piece of blackwood and without the usual metal bell. It has eight finger-holes in front and one behind, and the reed is made of palmyra leaf. The length of the instrument is 18 inches, and the diameter of the bell mouth 4 inches.

Nagasaram.—An oboe-like instrument, made of blackwood and brass-mounted. The upper end, which carries the reed, is made of brass, and the reed is made from the spathe of the palm; length 22 inches. The bell is made of brass turned, and is 3½ inches wide. There are eight finger-holes in front, and two more near the lower end of the tubes on each side.

Surna.—Another variety of the Indian oboe, with seven finger-holes in front and one behind. It is made of one piece of blackwood, and is 11¼ inches long and 3 inches wide at the lower end; reed made of palmyra leaf.

Panchama Oththu.—Wooden tube covered with leather and with brass mountings, bell with etched figures. Length 13¼ inches; diameter of bell 3½ inches. Reed made of palm spathe. There is only one finger-hole, and the instrument is used as a drone.

Oththu or Suthi.—A wooden tube covered with leather, with only one finger-hole, and brass-mounted. Length 1 foot 10⅓ inches; diameter of brass bell 3¾ inches. Reed made of palm spathe. Used as a drone.

Magidi.—This is the instrument used by the snake-charmer, and consists of a bottle-gourd with a blow-pipe at the smaller end and thin flageolet-like tubes inserted into the bulbous end. The lower ends of the tubes all open into one brass bell. The centre tube has nine finger-holes in front, the three lower of which are partly closed with wax, and one behind. The tube to the left of it has seven finger-holes in its side, some of which are shut with wax. The tube to the right has no finger-holes. Inside the gourd there is a reed for each tube, made by cutting a vibrating tongue in a kind of grass or reed. The centre tube is the chantor or performing tube, and the side ones drones, which are turned to the chanter by means of the wax stopping in the finger-holes. The parts of the instrument are fastened together by means of a black wax.

Thuththi.—This is a rude kind of bag-pipe. The bag is made of a small goat's skin, the blow-pipe being inserted in the place of one fore-leg and the chanter in room of the other. The other natural openings in the skin are closed by internal ligatures. Instruments of the nature of a bag-pipe are of very ancient date and very widely diffused, having been used by the Hebrews, Greeks, Romans, Arabs, Persians, and Hindus, and by most Celtic and Slavonic races. To the ancient Romans it was known as *Tibia utricularis*, and is said to have been a favourite instrument with Nero. Forms of it are still known and used in Italy, France, Germany, Russia and Poland, and in the eastern countries already specified. It was also at one time a popular instrument in Lincolnshire and Northumberland. It is alluded to by Chaucer, and Shakespeare mentions it on several occasions, as in Henry IV, Part I. It has long been cultivated in Ireland, and the drones in the Irish pipe are furnished with keys. It is the national instrument of the Highlands of Scotland, and its music has cheered the Highlander on to victory in every field on which British bravery has been conspicuous. It was the duty of the Highland piper in the field to cheer the clansmen on the march, to lead the van into battle, to alarm them when in danger, to collect them when scattered, to recall the heroism of their ancestors, and to incite them by passionate strains to imitate their example. In peace the bagpipe cheered the festive board, gave life and merriment to the wedding, and at death poured out the wild, wailing notes of the coronach as the body was carried to the grave. The Hindu instrument is a very barbarous one, and capable of playing only a few notes. The reed is made of a piece of cane with a vibrating tongue cut on one side, and there are five holes in the chanter, some of which are partially closed with wax.

Morejing.—This is an iron instrument identical with the Jews' harp, except that the tongue projects 1½ inches behind, so as to give greater facility for holding it in the mouth. The French name of the instrument is *trompe*, and the Scotch *trump*, both evidently identical. The English name of Jews' harp is probably a corruption of the French *jeu-trompe*, or *toy trumpet*. Although only

a toy, yet it is capable of wonderful musical performances, and various marvellous performers on it have from time to time appeared in Europe. Some of these used two or more instruments, "each having a fundamental tone of its own, and consequently different harmonies."

(*d*)—STRINGED INSTRUMENTS.

(1)—*Without a finger-board.*

Thunthona.—This may be regarded as in some measure a sort of *trigonon*, with a small drum added to increase the resonance. It is chiefly used by beggars to accompany their recitations, and the pitch can be lowered or raised by means of the tuning peg.

Kinneri.—This instrument is a primitive kind of *vine*. It consists of a wooden bar with the ends ornamented with griffins' heads, &c. Two gourds painted in floral patterns are fixed below the bar. The strings are of wire, two in number, and supported by a bridge. There are five frets for fingering. Length 3 feet 1 inch.

(2)—*With a finger-board.*

Thamburi—Is a sort of guitar. The body is semi-globular, made out of jackwood, and both it and the long neck are inlaid with ivory decorated with floral patterns, etched and filled in with black and red pigment. Length 4 feet 4 inches, width 1 foot 2¼ inches, depth of body 10⅜ inches. It has four wire strings and the same number of tuning pegs, which are artistically shaped and adorned with ivory etched. The belly is convex and the bridge of dark wood; and to keep the strings clear of the sharp convexity behind the bridge they are ingeniously passed through bone beads. Originally the body of the thamburi was a gourd, and the instrument has been used by the Egyptians and Assyrians from remote times.

Vine.—The vine appears to be a sort of advanced *kinneri*. The body of the instrument is hollowed out of fine old jackwood, with belly of the same material, and is protracted into a long neck like that of a guitar, but has a gourd at the upper end fixed below to increase the sound. The strings are of wire and seven in number. Four of them are mounted, as in the guitar, over a bridge, and are furnished with a number of frets. Three of the strings run along the side of the neck and have an arched bridge of metal; and the scroll is adorned with a gilded griffin's head. Length of instrument 3 feet 6 inches, depth of body 9 inches, width 11¾ inches.

Chittari or Guitar.—Length 4 feet 2 inches, width 10¾ inches, depth 9¾ inches Originally no doubt the body of this instrument was one of the gourds some of which are ribbed, and the dug-out body of this instrument is adorned with a series of ribs radiating from the posterior single peg, to which all the strings are attached, over the convexity of the instrument, and again converging at the base of the neck. The instrument known as the guitar in Europe is evidently copied from this one; and, curious to say, the Italian name of it is *chittara*, while the Spanish designation is *guitarra*, and the French *guitare*. There can be no doubt that the whole of these names are derived from the same root or word. The strings are of wire and seven in number. Of these six are of equal length and pass over the general nut up to the tuning pegs, but the seventh, at a short distance of the finger-board, passes through a metal peg, and then turns off to a tuning peg in the side of the neck. The finger-board has numerous frets, made of ligatures of twine passing round the neck.

Sorabath.—This instrument has a drum-like body 12½ inches deep, and, inclusive of the neck and scroll, it is 2 feet 10 inches long. It is made out of one piece of wood, and the hollow body, which at first sight appears cylindrical, is found to be traversed by two holes at the base of the neck, and to be cut so as to form thin wings or scrolls. The bottom of the drum-like body is closed with a thin piece of wood, and the belly with parchment. The neck emerges from the body in a deep bracket-like piece, and the actual neck, from the nut to the upper

fret, is only about 8 inches long. The finger-board is inlaid with etched ivory, and the neck behind covered with bright blue cloth with gilt figures on it. Viewed as a whole, the instrument has in shape some resemblance to the figure of a bird, more especially as the neck ends in the gilded head of a bird. There are six tuning pegs and the same number of catgut strings, but four of them are closely arranged in pairs and could hardly be played except as pairs.

Saranghi.—Length 2 feet 3½ inches, width 5¾ inches. This is a sort of violin, the whole being cut out of the branch of a tree. The body is hollow, dug out, and the belly covered with skin. It has three catgut strings passing over the bridge, and below these thirteen sympathetic wire strings arranged somewhat like the strings of a harp. It is played on with a bow, consisting of hair stretched on a piece of bent cane.

SECTION D.—FURNITURE AND OBJECTS FOR DECORATION OF HOUSES, &c.

CLASS XXIII.—FURNITURE AND UPHOLSTERY.

These articles, kindly lent by Mr. Whiteside, are admirable specimens of good carving, the work being executed with much fidelity and freedom,

(Carved by Madras carpenters under the superintendence of and exhibited by W. S. Whiteside, Esq., C. S.)

Sideboard. Time of Queen Elizabeth. From a drawing of a sideboard at Cornishead Priory, Lancashire.

Credence. Time fourteenth century. From a drawing in a missal in the Bodleian Library at Oxford.

Bedsted of ancient byzantine pattern. Time twelfth century.

Tea-box. Renaissance design.

CLASS XXIV.—GLASSWARE.

Glass of coarse quality is prepared in various parts of the country for the manufacture of bangles. The chief seats of the industry in the neighbourhood of Madras are the Kalahastri and Venkatagiri *taluks* of North Arcot, and large quantities of the crude glass prepared there are exported to Rangoon and elsewhere. The process followed in its preparation in these places is a very simple one. A kind of saline efflorescence "*soudu man*," which in some places is abundant on the surface of the soil, is collected and placed in pots containing about six Madras measures each. Sixty of these are built into a large clay furnace and baked for some time until the contents have been fused into white frit called "*gazu rai*." During the process the "*soudu man*" loses half its bulk and the crude frit is turned out in the shape of hemispheres, which are sold at the rate of Rs. 10 per candy of 40 maunds. The "*soudu man*" is a natural carbonate of soda which contains sufficient siliceous matter to make the frit. To give it color the "*gazu rai*" is powered and mixed with various metallic substances. To produce a blue glass or "*nilam rai*," a blue powder, probably sulphate of copper, is used; for green or "*paccha rail*," copper filings; for blue red, "*utha rai*," a black stone from Conjeeveram called "*nalla rai*;" and for red "*sonne rai*," a stone known as "*chembadi rai*," also from Conjeeveram.* When colored, the glass is broken and fused once more and sold at Kalahastri at the following prices :—

Blue	Rs. 20	per candy.
Green	„ 16	do.
Blue red	„ 14	do.
Red	„ 16	do.

* *Cox's North Arcot Manual.*

The bangles are sold at from annas 2 to 5 per guthi of 500, and are largely exported. A few bangles have been introduced into this section to show the colours and quality of the glass.

The glass vessels and balls exhibited were made at a remote village in the Trichinopoly district, and were forwarded at the instance of M. R. Ry. Ragunadha Row Dewan Bahadur. The balls, which are so brittle as to hardly admit of being handled freely, are hung up as ornaments in pavilions and houses—some are white, being silvered inside like a looking-glass, and some contain water. Rosewater sprinklers, cups of various shapes, and small squat bottles are also made, but owing to imperfect annealing, or entire neglect of the process are so brittle that the changes in the weather or a slight below are apt to break them. The color of the glass is various shades of green and claret, and its quality is about the same as that of ordinary French bottle glass. The shapes of some of the cups are quaint and pretty; and as the workmen have attained a certain degree of dexterity, it seems desirable that the indutsry should be encouraged.

(*Procured through M. R. Ry. Pattabhiram Pillay Avergal, Secretary, Trichinopoly Local Committee.*)

Collection of glass utensils made at a village in the Trichinopoly district.

CLASS XXV.—POTTERY, &c.

The exhibits of ceramic ware are not numerous, as little else is made beyond the common earthen pots of the country. These in Southern India are usually plain terra-cotta and of very graceful shapes. The color is generally red, and the articles well and uniformly fired. In some places the ware is ornamented by simple surface decoration, executed while the clay is moist or by etching after it has been fired. Some of the vessels found in ancient cairns and cromlechs are of great size and excellent finish. One in the museum is 3 feet 6 inches in depth and 8 feet 9 inches in circumference at the bilge. Antique pottery articles are found to vary greatly as to shape, some being flat and broad, others more or less globular, some pear-shaped, &c. In some cases the amphora-like pear-shaped vessels have feet like those figured by Dr. Schliemann in his "Ilios." The clay of which the ancient pottery is made is of very superior quality, and the articles are often ornamented with incised linear and other patterns, very much in the same manner as the pottery found in barrows and cromlechs in Europe and in the ruins of the ancient city of the Trojans. In some cases the external surface of the pottery has a varnished appearance, which was produced by rubbing it with the seeds of *Gyrocarpus Jacquini* and burnishing. Some of the small cup-like vessels of the cairns are covered in the interior with a black lacquer-like varnish. A similar appearance was observed in the pottery found by Dr. Schliemann, varying from a dull black to a rich resinous color. Professor Virchow is of opinion that the most common mode of producing a simple black color was to fire the articles slowly in shut-up places to produce much smoke, which entered into the clay and impregnated it.* In the case of the vessels with rich lustrous black coating, Professor Landerer believes that a coal black color was produced by smearing the vessels with tar or the pissa asphalt of Heredotus before baking, and that when fired the resin was changed into the fine black varnish.† No doubt some processes of this kind were also known and practised in India. In some modern pottery a species of ornamentation is attempted by covering the red clay with a white ground color and laying on a sort of floral decoration with powdered micaceous earth, which becomes yellowish. This kind of decoration is not *fired*, and can be easily washed off. In the North Arcot district a white kind of clay is used for making pottery, and yields a very porous and clean-looking ware. At Karigeri, Gudiyatam *taluk*, this soft pottery receives a pretty green glaze, and is made in various handsome shapes, some of which are imitations of delft ware and other

* Ilios, p. 219. † Ilios, p. 220.

European manufactures of the fifteenth and sixteenth centuries, patterns having been introduced by Collectors. The color of the glaze is of different shades of green, and it often has a marbled or shaded appearance. The ornamentation is entirely surface decoration, carried out in the plastic clay before the glaze is put on, and consists of various floral and other patterns. One of the water bottles is double, the outer shell being pierced so as to allow air to circulate around the inner. According to Mr. Cox's "North Arcot Manual," great care is taken in preparing the clay for this pottery. After being fashioned on the wheel it is dried for ten days in the shade and two in the sun, and is then baked for twelve hours in a close oven. To produce the glaze, equal parts of (*zangala paché*) verdigris, and bangle-earth (*soudu man*, an alkaline earth) are fused in a furnace till they form a green glaze. "This being powdered and mixed with water, is painted over the vessels, which are then dried in the sun and baked as before." "If half a part of white lead be added to the verdigris and bangle-earth, a yellow glaze is produced. In either case, when the baking has been too prolonged, the glaze assumes a blackish color."

The pottery made at the School of Arts is *Ironstone china*, and of a sand color with pale blue floral ornamentation in relief. This ware is very dense and heavy, and so hard that it will strike fire like a flint. The plated mountings were executed by Messrs. Orr and Co., the well-known jewellers of Madras. The paste from which the articles are made consists of kaolin, quartz, and felspar, and the glaze is lead.

(*Madras School of Arts Pottery, mounted in electro-plate by Messrs. P. Orr and Sons, and exhibited by them for sale.*)

	Rs.	A.	P.	
Coffee pots	30	0	0	each.
Tea do.	30	0	0	„
Sugar basins	25	0	0	„
Cream jugs	15	0	0	„
Butter dishes	28	0	0	„

(*From Gudiyatum, North Arcot District, procured through A. J. Stuart, Esq., Collector of North Arcot.*)

	Rs.	A.	P.
Large flower-pot...	6	0	0
Ditto ...	3	0	0
Pot without handle	3	0	0
Double goglet ...	2	8	0
Sandal cup ...	0	8	0
Mogul goglet ...	2	8	0
Goglet ...	1	8	0

(*From Vellore, North Arcot District, exhibited by Muhammad Bég Sakib. To be sold.*)

	Rs.	A.	P.
Goglet (Afthaba)	0	8	0
Earthen goglets... each	0	14	0
Spittoon ...	0	6	0

(*From Udayagiri Taluk, Nellore District, procured through J. Lee-Warner, Esq., Collector of Nellore.*)

	Rs.	A.	P.
12 Goglets with floral ornamentations in powdered mica each	0	2	0

STONE UTENSILS.

Paper-weights and rulers made of the famous *Trichinopoly marble* are exhibited. This stone is of a bluish-grey color and hard, and takes an excellent polish. It consists chiefly of well preserved specimens of shells, belonging to the *Gasteropoda* and *Lamellibranchiata*, but contains sometimes pebbles of granite and fragments of fossil wood. The Trichinopoly marble is a cretaceous rock, and belongs to what is known as the Trichinopoly group of this series, which is confined to the district of that name. The stone is also made into slabs for tables and used for various ornamental purposes in the arts.

(*Procured through M. R. Ry. Pattabhiram Pillay Avergal, Secretary, Trichinopoly Local Committee.*)

	Rs.	A.	P.
2 Rulers in polished shell marble	1	0	0 each.
3 Paper weights in ditto	1	0	0 „

(*Procured through A. J. Stuart, Esq., C.S., Collector of North Arcot.*)

2 Sandstone sandal grinding stones.

CLASS XXVI.—METAL-WARE.

The domestic utensils in daily use amongst the people of India are mostly brass, often of very elegant shapes, and usually quite plain. The metal from which the articles are made is an alloy of copper and tin, and therefore not really brass, which is composed of copper and zinc, but a kind of bronze. The alloy used for making edge tools, &c., in the bronze age was composed of copper and tin, and contained, according to Worsæ, 10 per cent. of the latter, whereas the average composition of many ancient specimens found in England show as much as 12 per cent. of tin. The bronze of the vessels found in the Nilgiri cairns was analysed by Mr. Broughton, and the composition of the metal was as follows :—

Tin	29·89 per cent.
Copper	70· do.

It is added, "the old fragments have a large amount of tin, and approach nearly to speculum metal."* To get a hard bronze alloy the proportions are copper 100 parts, tin 14 parts. This combination, when properly tempered, is capable of taking nearly as fine an edge as steel.† The body of the famous damascened ware of Bidar in the Nizam's country is a kind of bronze. According to Heyne, it is composed of copper 16 oz., lead 4 oz , tin 2oz.; fused together, and when about to be used it is again melted and 16 oz. of zinc added to every 4 oz. of the alloy. Surgeon-General G. Smith gives the composition of the Bidari metal as 1 of copper to 4 of pewter, and says that when turned out of the mould it has a dull lead color. To give it the dark tinge it is smeared with a powder consisting of chalky earth and sal-ammoniac. According to Heyne, the black color is given by dipping it into a solution of sal-ammoniac, saltpetre, common salt, and blue vitriol. Some of the old gun and bell metals of India are of very superior quality, and the latter at times contain silver.

Plain and Pierced Brass-work.—Specimens of plain brass work in the shape of lamps, &c, are shown by the Hon'ble Goday Narain Gajapathi Rao. The adaptation in one of these of the leaf of the sacred pipul as a reflector is ingenious. Other devices in lamps, some of which are used in religious services, are also exhibited. Various cheap trays in hammered brass simply stamped or of

* Breeks' "Primitive Tribes of the Nilgiris," p. 94.
† Spon's Encyclopædia, page 323.

stamped and pierced pattern are worthy of notice. The chief centre of manufacture of the pierced trays is Tirupati, in the North Arcot district, and the patterns are generally somewhat of the knop and flower pattern, or similar conventional devices, with at times a geometrical figure, a flower, or a mythical animal in the centre. The decoration is also mainly arabesque, the cove fluted, and the margins serrated and of a lace-like pattern. The trays are sold at cheap rates, and some of them are very pretty. A small collection of household ware and a number of articles used in religious worship, from Tanjore, are exhibited.

FROM CHICACOLE, VIZAGAPATAM DISTRICT.

(*Exhibited by the Honourable Rajah Goday Narain Gajapathi Row. Made by Garugu Surianaraina.*)

	Rs.	A.	P.
Copper—			
1 Set, consisting of plate, *chembu*, cup (*panchapathram*), and spoon	9	10	0
Brass—			
1 Swan lamp	15	12	0
1 Parrot do.	12	8	0

(*Made by Garugu Veeriah.*)

Bell-metal—			
1 set, consisting of plate, *chembu*, cup (*panchapathram*), and spoon	13	0	0

FROM CALICUT, MALABAR DISTRICT.

(*Procured through C. A. Galton, Esq., Collector of Malabar.*)

Brass—

1	Burnished brass *lota*,	"Kindi."
1	Ditto ditto	"Pidimonda."
1	Ditto ditto	three-armed lamp.
1	Ditto ditto	lamp with reservoir for oil.

(*Purchased locally*).

	Rs.	A.	Rs.	A.
Old metal—				
Old brass lamps	0	13	5	1
Chased brass trays	1	0	2	1

FROM TANJORE DISTRICT.

(*Procured through M. R. Ry. Gopala Kistna Pillay Avergal, Secretary, Tanjore Local Committee.*)

	Rs.	A.	P.
Household Utensils—			
1 Large brass tray (chased)	1	13	0
1 Do. *chembu* (do.)	3	6	3
1 Bell-metal *lota*	0	14	0
1 Ditto tumbler	0	14	0
1 Ditto hand-lamp	0	8	0
1 *Chunam*-holder	0	8	0

	Rs.	A.	P.
Puja Vessels—			
1 Large copper *chembu*	2	14	0
1 Small ditto do.	0	14	9
1 Large ditto tray	3	2	9
1 Small ditto do.	0	13	6
1 Do. brass do.	0	10	0
1 Bell-metal octagonal tray	0	14	0
1 Copper "*panchapathram*"	0	12	0
2 Copper spoons	1	2	0
1 Do. hand-lamp	0	14	6
1 Small image of Kistna	0	4	0
1 Bell	0	14	6
1 Female figure holding a lamp	1	6	6
1 Do. holding sacred ash	1	0	0
1 Stand for burning scented sticks	1	8	0
1 Stand for a lamp	0	7	0
2 Small cups	0	6	0
1 Small cup	0	4	0
1 Vessel with spout	0	10	0
Vessels for washing idols ... ... Ans. 8 and	0	5	0
1 Incense burner	0	6	0
1 Camphor burner	0	1	0
1 Oil-holder	0	4	0
1 *Lingam* stand	0	4	0
1 Perfume-holder	0	1	6
1 Chank for holding milk	0	8	0
1 "Nagarthi"	0	6	0
1 "Viristaparthi"	0	10	0
1 "Pancharthi"	0	6	0
1 "Triyarthi"	0	5	0
1 "Yegarthi"	0	6	0
Chembus of copper and brass ... ... Rs. 10 and	15	0	0
1 Large stand for burning scented sticks	10	0	0

(Purchased locally).

Perforated brass—			
Perforated octagonal trays ... ... each Rs. 2-8 and	3	0	0

(Exhibited by His Highness the Maharajah of Vizianagram.)

HOUSEHOLD UTENSILS.

COPPER.

Lamp-stands, Rs. 6-6 and Re. 0-13-8.

BRASS.

Mugs, Rs. 3-13-7 and Rs. 3-3-8.
1 Do. for sandal, Re. 0-9.
Do. for ghee, Re. 0-8 and Re. 0-12-5.
1 Pair of mugs, Re. 0-8.
1 Mug, Re. 1-1.
1 Do. for sandal, Rs. 2-8.
Thumbas, Rs. 3-7-6 to Re. 0-12.
Pairs of thumbas, Rs. 8 to Rs. 2-12.
Pot covers, Rs. 2-8 and Re. 0-15-5.
Buckets, Re. 1-2 and Re. 1-8.
Lamp-stands, Rs. 6 6 and Re. 0-13-8.
1 Lamp-holder, Re. 1-10-3.
Spittoons, Rs. 3-9-9 and Re. 0-9-9.
1 Lotah, Re. 0-12
1 Jug, Re. 1-7.
1 Tub, Re. 0-13.

1 Sandal and 1 saffron cup on stand, Re. 0-12.
1 Round box, Re. 0-13.
1 Octagonal box, Rs. 2-8.
1 Pair of boxes, Rs. 2-8.
2 Boxes, Re. 0-3 and Re. 0-8.
1 Spoon, Re. 0-10.
1 Pair of vessels, Re. 1-6-6.
1 Torch case, Re. 1-2.

BELL METAL.

2 Spittoons, Re. 0-14 and Re. 0-8.
1 Dish, Rs. 5-14.
2 Cups, Rs. 3-8 and Rs. 2-7-2.
1 Pair cups, Re. 0-6.
1 Thumba, Rs. 2-5-4.
Pairs of thumbas, Re. 0-12 to Rs. 5-14.
1 Jug, Rs. 3-2.
1 Box, Re. 0-10.
1 Apgora, Re. 1-14-8.

OTHER METALS.

1 Iron cake-pan, Rs. 2-14.
1 Tin cup, Re. 0-12.

POOJAH VESSELS.

1 Copper cup, Re. 1-1.
2 Thumbas for *libations*, Re. 1-10 and Re. 1-15.
2 "Gocarnams," Re. 0-7 and Re. 1-4.
1 Bell, "Jaiganta," Rs. 2-1.
2 Figures holding lamp, Re. 1 and Re. 1-7.
1 Ditto, 8 lamps, Rs. 3.

TOYS.

1 Brass cow, Re. 0-10.
1 Do. horse, Re. 0-6.
1 Do, horse, As. 4.
1 Do. tiger, As. 8.
1 Do. doll, As. 10.
1 Do. parrot, As. 4.
1 Brass chair, Re. 1-8.
2 Do. elephants, As. 12.
1 Do. bull, Rs. 2.
1 Do. peacock, Re. 1.
1 Do. sepoy, As. 4.
1 Zinc doll, As. 6.

CLASS XXIX.—BASKET WARE.

The basket ware is of two kinds, one being made in Ganjam by the hill tribes of Kimedi from a kind of grass, and the other of palm leaves at Pulicat. In the case of the Ganjam manufactures some energetic local officer has evidently endeavoured to effect what he considered improvements on the old, simple, native productions, and the result is now before us in the shape of vile imitations of the commonest and most inferior basket-work of Europe. And as if this were not enough, they have also been put in possession of, and taught how to use aniline colors, with unspeakable results. This collection has been brought forward mainly to show how native artistic talent may be led astray and degraded by the efforts of gentlemen who mean well, but are utterly destitute of artistic taste. Some of the nested baskets which are not after a European *muster*, and the mats, are of pleasing patterns, and would be pretty but for the profusion of aniline colors with which they are daubed. The other basket ware exhibited was made at the old Dutch station of Pulicat, north of Madras. The baskets are all very much of the same pattern of work, and generally nested. Until of late years the makers of these baskets used native dyes of sober colors, but now they have taken to the use of aniline pigments with a pertinacity which nothing will stop, until the public taste is sufficiently educated to induce them to refuse to buy such trash. Unfortunately the chief purchasers are passengers and crews of home-going steamers, who buy them as curiosities, regardless of all defects. So fond are the makers of the baskets of the aniline colors, that it was only with the special aid of the Collector that a few articles stained with indigenous dyes could

be got for the exhibition. The Pulicat baskets are made of the leaves of *Borassus flabelliformis*, the palmyra palm, and the cigar-cases of *Phœnix sylvestris* Some very strong baskets made out of a pale-colored ground rattan are exhibited from Tanjore. The prices, annas 14 and 10 respectively, are high, but the articles, considering their strength and probable durability, can hardly be said to be dear. From the same quarter also a trunk, made of like material, and very strong is exhibited. It is constructed somewhat in the style of a bullock trunk, and strengthened with three twisted bands of rattan. If covered with hide to make it water-proof, it would form an admirable bullock or ordinary travelling trunk.

FROM KIMEDI, GANJAM DISTRICT.

(Procured through the Ganjam Local Committee.)

		Rs.	A.	P.
2 Hand baskets	each	0	2	6
6 Work baskets	„	0	3	0
2 Flower baskets	„	0	4	6
2 Baskets in tiers of three each	„	0	5	0
2 Hand trays	„	0	3	8
2 Spherical wool baskets	„	0	3	0
6 Cigar-cases	„	0	2	8
Dish-mats ... ... each Re. 1-8 and		2	0	0
3 Round boxes	each	0	4	0
1 do. box (nested)		1	8	0

FROM SHIYALI, TANJORE DISTRICT.

(Procured through M. R. Ry. Gopalakistna Pillay Avergal, Secretary, Tanjore Local Committee).

	Rs.	A.	P.
Rattan baskets ... ... As. 10 and	0	14	0
1 do. trunk	2	12	0

FROM PULICAT, CHINGLEPUT DISTRICT.

(Procured through J. F. Price, Esq. C.S., Collector of Chingleput.)

		Rs.	A.	P.
7 round-nested baskets made of the leaf of *Borassus flabelliformis* ... ... each		0	8	0
6 oblong ditto ditto ... ... „		0	8	0
2 square ditto (not nested) ... „		0	4	0
10 dish-mats ... ... „		0	1	0
3 cigar-cases ... ... „		0	2	0

(Purchased locally.)

						Rs.	A.	P.
3 round-nested boxes	...	...	...	each		0	8	0
4 oblong baskets	...	...	...	„		0	8	0
3 round do.	...	...	...			0	8	0
5 bread do.	...	...	...	„		0	0	6
12 cigar-cases made of the leaves of *Phœnix sylvestris*				„		0	1	6
1 tobacco-case ...	...	...	...			0	0	6
18 dish-mats ...	...	...	...	„		0	1	0

(Exhibited on loan by Muhammad Mahmud Khan Bahadur, Madras.)

1 basket made of the leaves of *Borassus flabelliformis* ornamented with tinsel.

CLASS XXXI.—DECORATIVE WORK, &c.

Fans of painted Palm-leaves.—These are made at Chitvail in Cuddapah and elsewhere. The leaf is that of the palmyra palm, and the colors are rather glaring and the patterns roughly finished. From Tanjore there is a much better specimen, with a talc border and silk fringe, and the handle ornamented with small bits of colored glass set in imitation of precious stones.

Nossam Fans.—These are from the town of that name in the Cuddapah district, and are made, apparently, of paper covered with thin cloth. They are furnished with ribs of bamboo radiating from the handle in imitation of the ribs of a palm leaf, from which doubtless they were originally made. The surface of the fan is covered with some pigment so as to give a body to work on, and then the final pattern is laid on with gilt and brilliant color, which give it somewhat the look of lacquer work. The decoration on one side consists of the eyes of the peacock's feathers in their natural colors, and on the other of a floral pattern.

Talc Fans.—Some of these, of very exquisite patterns, were formerly made at Tanjore, but the work now turned out is tawdry in design and badly finished. Cloth fans covered with tinsel ornaments are also made at Tanjore, but on the whole the fan industry there seems to have declined, and the work to have become poor, probably from want of encouragement.

Nossam Dish-mats.—These are hand-painted on thin leather, and some of the pictures, such as those in which dancing-girls are grouped into the form of a horse, elephant, &c., are conceptions which could only have suggested themselves to an eastern mind. The boxes in which the mats are packed are a kind of lacquer-ware, and apparently made of layers of paper and cloth. The patterns of the lacquer are floral, and in relief, and the colors very bright, with much gilding. Native playing cards are also made at the same place and put up in oblong boxes covered with mythological figures in brilliant colors.

Nandyál Lacquer Work.—One old man at this place turns out trays, tables, &c., in lacquer, but his work is generally inferior to that produced in some other parts of India.

Pith-work.—Pith models are made by gluing together and carving into shape the soft white pith found in the stems of *æschynomene aspera*. Several articles of this kind are sent from Tanjore.

Carved Shells of Fruit.—These have conventional floral patterns in relief, very well executed, and in very good taste. They are made by the hill tribes in the Ganjam district.

Carved Wooden Spoons.—These show great patience and care in execution, but are evidently copied from European patterns.

Other Carvings in Wood.—Several specimens of mythological figures, carved in red-wood (*Cæsalpinia sappan*) are exhibited from Tirupati in the North Arcot district. These are made in large numbers, to be sold to the pilgrims who visit the sacred hill at this place, and although rough in finish, are executed in a free, bold style. The wood is brought from the Balapalle jungles in Cuddapah, and is also made into *lotas*, plates, cups, &c.

A small plate of carved ebony made at Trichinopoly is a fair specimen of that kind of work. In the centre there is a conventional floral pattern disc, the cove is fluted, and the flat margin crowded with flowers and fruit deeply cut and very well executed. There is a humorous little figure of a lion in sandal-wood, made at Soraba in the Shimoga district of Mysore. From South Canara there is an octagonal carved sandal-wood box. The art of carving in sandal-wood in South India is chiefly practised in Mysore, Travancore and Canara, and the style of the work differs more or less in each district. The Canara box is covered with floral and mythological designs in high relief, and the whole shows much patience and care in working out details. A writing desk of carved sandal-wood, sent by a private exhibitor, is apparently Bombay work. The designs are floral and architectural, and the figures, which are in low relief, are extremely well executed.

Carved Ivory.—Putting aside for the present the Vizagapatam work, which is mostly fretwork, ivory-carving in the south is only carried on in Tanjore and

Travancore, and in the former place to a very small extent. From Tanjore there are two loan specimens of bouquets of artificial flowers in ivory. The Travancore work of this class was not examined at Madras prior to despatch, as the Committee were afraid of the risk of damage in packing and unpacking. Its high merits are, however, well known.

Vizagapatam Work.—This collection embraces work-boxes, cardcases, inkstands, chess-boards, and a number of nick-nacks, made chiefly of sandalwood inlaid with ivory fretwork, tortoise-shell, horn, &c. The surface of the ivory is generally adorned with etching in black of mythological figures very well executed, or with floral forms in light and shade which are copies of European designs. The workmanship of the articles is usually superior, and although expensive, they are much in demand as drawing-room ornaments. A jewel-box, measuring 12¼ inches × 9¼ inches × 7½ inches, is undoubtedly the finest specimen of this kind of work ever exhibited. The exterior of the box is covered with ivory fretwork rivalling lace in the delicacy of the tracery and elaborate nature of the patterns, which embrace floral and mythological figures. The fretwork is laid on a background of tortoise-shell, and the ivory, instead of being etched as usual, is carved out to the minutest detail with great skill and fidelity. Owing to the nature of the work the figures are only in low relief, and the designs are rather stiff; but on the whole the workmanship deserves commendation, both on account of its truthfulness and artistic spirit.

Iron-work.—In former years a considerable industry was carried on in Tanjore and Madura in carved steel and brass-work, and some beautiful examples of old arms decorated in this way are in the hands of private individuals. The style of ornamentation is markedly Dravidian, the figures consisting chiefly of monsters, often most ingeniously posed or grouped, and of arabesques. As regards the work, it is as elaborate and minute in detail and as well finished as Chinese ivory-carving, and worked out with marvellous patience. In fact, some of the older articles surpass the best specimens of Augsburg, and would not suffer from comparison with the carved iron articles of the middle ages in Europe. The art of fashioning iron and brass in this way still lingers in the Madura district, and two specimens of the modern work, kindly lent by the Hon'ble P. P. Hutchins, are exhibited.

Tirupati brassware with copper and silver inlaid.—In this work various patterns are stamped on the brass, and into these figures thin plates of copper or silver are pressed and apparently fixed by hammering the edges of the brass over the other metals, so as to make a sort of dovetail. In fact, it is a rude kind of damascene work. The pieces of copper and silver thus used are introduced into the designs in a very irregular way, and the details of the figures, which are generally mythological or floral, are usually worked out by punched lines in imitation of engraving. The result is a certain barbaric splendour, but the general effect is *bizarre* in the extreme. The ware is chiefly made to be sold to the thousands of pilgrims who proceed to the famous shrine of Tirupati, and as they want something striking for their money, the designs and finish do not usually receive much attention. Some very superior specimens of the work belonging to Mr. Whiteside and executed under his superintendence are shown. Small brass figures of the gods are also made at Tirupati, but the specimens got for the exhibition were so inferior in execution that they could not be exhibited.

Tanjore metal-work—Is of three kinds, viz. brass graved, brass encrusted with copper, and copper encrusted with silver. Sometimes the brass and copper variety has also figures in tin introduced. In the graved brass-work the first rude impressions are made with a die, and by hammering. The work is then completed by cutting away the brass in the space between the figures, and giving it a granulated appearance with the graver. Finishing touches are also given to the figures. A *lota* of the common globular shape is usually the subject of this kind of adornment, and the ordinary pattern embraces pannels round the bilge with figures from the popular pantheon and chaste conventional floral designs. Examined closely, the figures are seen to be coarsely finished, but the general effect at a little distance is excellent. In the copper and brass-ware the vessels are made of brass and covered with figures of copper, which are fixed on the base metal by hammering

and a sort of dovetail union. After the copper rusts are put on and worked into shape, the figures are finished by the graver and a chisel. The designs on this ware are of the same character as those on the brass graved vessels, but the figures are in bolder relief. The encrusting of copper-ware with silver figures is a modern adaptation of the older art of covering brass with copper figures, and the silver is attached to the copper by the same kind of junction as that employed for fixing copper on brass. But as the metals are more valuable, greater trouble is taken to secure a better finish, and an examination of the silver figures in first-class work shows, that more graver and less die or chisel work is used than in the case of copper or brass. The designs consist, as usual, of mythological figures and floral decorations, which, although in some cases rather crowded, have yet an excellent general effect. In fact, profusion of ornament and intricate details are characteristic of all Hindu work, from the embellishment of a temple to that of a lota, and, in the case of the Tanjore ware, age improves its appearance by deepening the hue of the copper and toning down the color of the silver. Of the specimens exhibited a large octagonal tray with a large circular boss in the centre is specially deserving of attention, and not less so is a large copper pot of the shape usually employed for carrying and storing water. There is a very fine circular tray of copper and silver, and a gem in the shape of an oblong octagonal tray of brass crusted with copper. One form of vessel is remarkable as being almost identical in shape with an earthenware vessel, called a *drinking cup*, which is figured at page 113 of Lubbock's "Pre-historic Times." It is of a tall shape, globular below, contracted in the middle, and expanding at the top. In one of these vessels in brass the decorations, which are very effective, consist of a perpendicular waved lines with floral decorations of copper in the interstices between the curves.

LEAF FANS FROM TANJORE DISTRICT.

(*Procured through M. R. Ry. Gopala Krishna Pillay Avergal, Secretary, Tanjore Local Committee.*)

	Rs.	A.	P.
One painted palmyra *borassus flabelliformis*, leaf fan ...	5	0	0

FROM CHITVAIL, CUDDAPAH DISTRICT.

(*Procured through M. R. Ry. Vencat Row Avergal, Honorary Secretary, Cuddapah Committee.*)

	Rs.	A.	P.
Painted fans made of the leaves of *Borassus flabelliformis*—			
	Rs. 1	0	0 and 0 8 0

PAPER AND CLOTH FANS FROM NOSSAM, CUDDAPAH DISTRICT.

(*Procured through W. H. Glenny, Esq., C.S., Collector of Kurnool.*)

Four painted fans.

TALC FANS FROM TANJORE DISTRICT.

		Rs.	A.	P.
Two fans	each	7	0	0
One fan	...	3	0	0

(*Exhibited on loan by Rajah Serfoji, of the Tanjore Family.*)

Two fans.

(*Exhibited by M. R. Ry. Krishnaswami Sahib, of the Tanjore Family.*)

Embroidered Fan—
One fan.

LEATHER DISH MATS FROM NOSSAM, CUDDAPAH DISTRICT.

(*Procured through M. R. Ry. Vencata Row Avergal, Honorary Secretary, Cuddapah District.*)

	Rs.	A.	P.
Three sets ornamented with paintings representing mythological scenes and characters	8	0	0

LACQUER WORK FROM NANDYAL, KURNOOL DISTRICT.

(*Procured through W. H. Glenny, Esq., C. S., Collector of Kurnool.*)

Five lacquer trays.

(*A loan contribution by W. H. Glenny, Esq., C. S., Collector of Kurnool.*)

One lacquer tray.

(*Procured through M. R. Ry. Gopala Krishna Pillay Avergal, Secretary, Tanjore Local Committee.*)

Pith work—

	Rs.	A.	P.
One pith model of the temple of Tanjore	40	0	0
One bouquet of flowers in a vase in pith	10	0	0

CARVED SNUFF-BOXES OF FRUIT SHELLS FROM MANDASUR, GANJAM DISTRICT.

(*Procured through the Ganjam Local Committee.*)

	Rs.	A.	P.
Snuf-box of carved cocoanut shell	Rs. 3 and 5	0	0
Four do. of bael fruit	each 1	8	0

FROM UDATAGIRI, NELLORE DISTRICT.

(*Procured through J. Lee-Warner, Esq., C.S., Collector of Nellore.*)

	Rs.	A.	P.
Eight carved wooden spoons	each	0	8	0
Five do. do. forks	„	0	6	0

WOOD CARVING FROM THICHINOPOLY.

(*Procured through M. R. Ry. Pattabhiram Pillay Avergal, President, Trichinopoly Local Committee.*)

	Rs.	A.	P.
One tray of carved ebony	14	0	0

(*Exhibited on loan by His Highness the Maharajah of Travancore, K.C.S.I.*)

One carved blackwood lotus shaped flower-vase with figure of Siva in a *mundapum* at the stand.

FROM TIRUPATI, NORTH ARCOT DISTRICT.

(*Procured through A. J. Stuart, Esq., C. S., Collector of North Arcot.*)

	Rs.	A.	P.
Two redwood carvings of Vencatasa Peroomal (Vishnu) and his wife ... ... each	5	0	0

(*Exhibited by the Mahant of Tirupati on loan.*)

Sixteen redwood carvings of Hindu deities and household utensils and animals.

(*Exhibited by the Government of His Highness the Maharaja of Travancore, K.C.S.I.*)

	Rs.	A.	P.
One figure of Kistna carved in wood	1	12	0
Two human figures ditto ditto ... ... each	1	12	0
One deer ditto ditto	1	12	0
Two dogs ditto ditto ... ... each	1	12	0
One lizard ditto ditto	1	4	0

FROM SOUTH CANARA DISTRICT.

(*Procured through the Collector of South Canara.*)

	Rs.	A.	P.
One carved octagonal sandalwood box	40	0	0

FROM SORABA, NORTH MYSORE.

(*Exhibited by M. R. Ry. Narayanasawmy Aiyangar, on loan.*)

One carved sandalwood lion.

FROM NORTH ARCOT.

(*Exhibited on loan by the brother of the Zemindar of Punganur.*)

Thirty-two figures of men and animals carved in ivory.
One ivory fan.
One sandalwood fan.
Six fancy dish mats.

(*Exhibited by Calasty Brothers, Madras.*)

	Rs.	A.	P.
Two wooden kneeling figures of Kistna, gilt	25	0	0
One ditto figure of Kistna playing the flute	30	0	0
One ditto ditto seated	30	0	0

IVORY CARVINGS FROM TRAVANCORE.

(Exhibited by His Highness the Maharajah of Travancore, K.C.S.I.)

(Executed by the Travancore Government Ivory Carving Department.)

		Rs.	A.	P.
One ivory tankard on silver stand	...	176	0	0
Carved ivory hand mirrors	each Rs. 41 and	36	0	0
One ditto comb	...	23	0	0
One ditto picture-frame	...	76	0	0
One ivory paper-weight representing a Nair girl	...	79	0	0
Two ditto glove-stretchers	each	29	0	0
One ditto paper-weight	...	15	8	0
One ditto umbrella handle	...	9	8	0
One ditto paperweight	Rs. 23 to	5	4	0
One ditto book-rack	...	39	0	0
One ditto carving, a Nalayai lady at her toilet	...	23	8	0
Two ditto paper-cutter handles, elk in the coils of a boa	each	16	8	0
One ditto paper-cutter, a rishi at penance	...	15	8	0
Two ditto ditto bird	Rs. 19-8 and	18	0	0
One ditto ditto (caladium)	...	5	8	0
Two bex horns, mounted	each	28	0	0

FROM TANJORE DISTRICT.

(Exhibited on loan by M. R. Ry. Krishnasawmi Sahib, of the Tanjore Family.

Two bouquets in carved ivory.

(Procured through M. R. Ry. Gopala Krishna Pillay Avergal, Secretary, Tanjore Local Committee.)

	Rs.	A.	P.
One figure of Krishna carved in ivory	5	0	0

VIZAGAPATAM WORK.

(Exhibited by Yendapilly Veerasalingam.)

		Rs.	A.	P.
One sandalwood ivory inkstand with watch stand	...	65	0	0
One ditto fluted work-box	...	65	0	0
One horn and ivory inkstand	...	40	0	0
One sandalwood ivory chess-board	...	55	0	0
Two horn and ivory book slides	each Rs. 35 and	40	0	0
One black horn and ivory blotting-book	...	40	0	0
One sandalwood ditto ditto	...	40	0	0
Two ivory work-baskets	each	60	0	0
One tortoise-shell and ivory whist counter-box	...	35	0	0
One black horn ditto ditto	...	35	0	0
One ivory ring stand	...	18	0	0
One pair horn and ivory Camden whist-makers	...	20	0	0
One pair ivory ditto	...	24	0	0
One black horn and ivory glove-box	...	35	0	0
One pair bezique-markers	...	26	0	0
One horn and ivory paper slices	...	4	8	0
Two solid ivory paper slices	each	5	0	0
One lady's ivory card-case	...	22	0	0
One gent's ditto	...	16	0	0

		Rs.	A.	P.
One pair bison's horns	...	5	0	0
One ditto ditto	...	4	0	0
Two horn paper slices	each	1	8	0
Four ditto ditto	...	1	0	0
One ivory gent's card-case	...	16	0	0
One horn and ivory paper slice	...	4	8	0
Two ivory watch boxes	each	22	0	0
Four horn and ivory picture-frames	,,	38	0	0
1 black horn envelope case	...	40	0	0
1 tortoise-shell bracelet	...	8	0	0
1 do. book-marker	...	7	0	0
1 sandal-wood do.	...	2	0	0
1 pair Cavendish whist-markers	...	40	0	0
1 do. fruit bracelets set in silver	...	16	0	0

(Exhibited by G. Chinna Veeranna.)

		Rs.	A.	P.
2 ivory counter bezique boxes with ivory fretwork, fluited	each	146	0	0
1 sandal-wood bezique box with ivory flowered borders and card pictures engraved	...	135	0	0
5 ivory book-slides with ivory fretwork	each	55	0	0
2 do. do. with flowers and sawmies	,,	45	0	0
2 horn do. with ivory fretwork and native temples and sawmies	each	45	0	0
2 sandal-wood do. do. do.	,,	45	0	0
2 ivory blotting books	,,	90	0	0
2 tortoise-shell do.	,,	65	0	0
1 sandal-wood blotting book	...	45	0	0
1 do. envelope case	...	66	0	0
Ivory scissors and handkerchief boxes	Rs. 45 and	50	0	0
1 sandal-wood whist counter box	...	30	0	0
2 do. glove or knitting boxes	each	40	0	0
4 horn do. do.	,,	40	0	0
6 ivory Camden whist-markers	,,	12	0	0
6 ivory and horn do.	,,	11	0	0
4 horn and ivory Camden whist-markers	,,	10	0	0
4 sandal-wood and ivory do.	,,	10	0	0
6 horn card-cases	,,	9	0	0
6 sandal-wood and ivory card-cases	,,	9	0	0
3 horn paper-cutters	,,	4	0	0
Sandal-wood do.	Rs. 2 and ,,	3	0	0
2 ivory ladies card-cases	,,	23	0	0
2 do. stamp boxes	,,	18	0	0
2 horn do.	,,	12	0	0
2 sandal-wood do.	,,	12	0	0
3 horn watch and ring boxes	,,	33	0	0
2 sandal-wood do.	,,	33	0	0
1 horn watch box	...	18	0	0
3 sandal-wood do.	each	18	0	0
2 tortoise-shell watch boxes	,,	25	0	0
1 do. watch box	...	22	0	0
1 do. inkstand	...	50	0	0
1 horn counter bezique box	...	45	0	0
5 sandal-wood picture frames	each	10	0	0
1 horn picture frame	...	10	0	0
Ivory brooches	Rs. 2 and	2	8	0
2 horn brooches	each	2	0	0

	Rs.	A.	P.
1 horn brooch	3	0	0
1 ivory tortoise-shell shirt set	3	0	0
1 solid ivory do.	3	0	0
1 horn and ivory do.	2	0	0
2 do. chutney spoons each	0	8	0
3 sets of 1 necklace and 2 bracelets ,,	18	0	0
1 work and jewel box combined	400	0	0

(*Exhibited by Muhammad Beg Sahib, Vellore, and to be sold.*)

	Rs.	A.	P.
1 betel-nut box and tray in pierced brass and silver plated	10	8	0

(*Exhibited by Muhammad Mahmud Khan Bahadur, Madras; on loan.*)

Fancy metal work, &c.

1 brass gilt spice-box and tray, covered with silver filagree and enamelled glass in colours, chased.
1 betel-nut box with tray, plated and gold gilt.
1 brass *hukka* stand covered with silver-plated brass open work.
1 *hukka* pipe, ornamented with gold thread and coloured beads.
1 do. do. small.
2 purses composed of small silver rings.)

(*By the same exhibitor. For sale.*)

	Rs	A.	P.
1 gilt rosewater sprinkler, covered with silver filagree, with leaf-shaped filagree tray, and ornamented with wreaths and flowers and insects	90	0	0
1 gilt jewel-box covered with silver filagree and ornamented with glass enamelled in colours	85	0	0
1 silver filagree card-case	21	0	0
1 do. do. round casket	30	0	0
1 plated betel-nut box on tray with eight smaller caskets for spices, all in open work	18	0	0
1 silver scent casket with open work top and chased tray	75	0	0
1 marble goglet, silver mounted, on agate tray	80	0	0
1 silver *hukka* stand, chased	225	0	0
1 flower-vase of twisted silver wire	60	0	0
1 carved sandalwood writing desk	75	0	0
1 sandalwood jewel-box inlaid with ivory	20	0	0
1 agate back comb with plated handle	21	0	0
1 gold filagree sovereign purse	35	0	0

FROM TRAVANCORE.

(*Exhibited by His Highness the Maharajah, K.C.S.I.*)

	Rs.	A.	P.
1 brass betel-box	7	8	0
1 pistol	4	8	0
1 knife	0	12	0
1 metal cup	0	6	0
1 carved cocoanut shell with lid	6	4	0
3 do. cocoanut shells with lids, each	10	8	0
1 do. with wooden stopper	5	8	0
1 do. teapot with tray	12	8	0
1 do. sugar basin	10	8	0

	Rs.	A.	P.
2 pairs cups and saucers, each	4	8	0
1 carved cheroot-holder	5	8	0
2 do. tumblers	5	8	0
1 cocoanut shell with lid	10	8	0
1 ditto with horn-stopper	5	8	0
2 carved bael shells, each	5	8	0
1 metal mirror, each	5	0	0
1 brass tumbler	2	8	0
1 do. drinking-vessel	3	0	0
1 silver filagree tray	44	0	0
1 dagger with steel blade and handle ornamented with gilt damascene and sheath of the snout of the sword-fish with gilt floral ornamentations	117	0	0
1 ditto ditto ditto ditto	73	0	0

(*By the same exhibitor; on loan.*)

1 sword, "*Krishooner-vaal,*" with copper gilt handle.
1 do., "*Kadathola-vaal,*" with iron leaf-shaped handle.
1 knife, "*Tulukatti,*" with ivory brass-mounted handle.
1 do., "*Vélkatti,*" with wooden handle.
1 dagger, "*Ekkundum,*" with copper handle gilt and inlaid with stones.
1 iron dagger, "*Ekkundum.*"
1 knife with copper handle and gilt, Kuftgari work.
1 do. "*Vangu,*" with ivory handle.
1 do. with ivory handle, silver flowers and stones.
1 battle-axe, "*Kundakodaali,*" with iron handle and gilt flower-work, with weapon screwing into the handle.
1 sceptre, "*Shenkole,*" with iron handle, silvered and gilt flowers, and weapon screwing inside.
1 weapon, "*Chotah,*" with a small dagger inside, handle with silvered ar gilt flowers, in a velvet case with gilt mountings.
1 spear with mounted handle.

(*Executed by artists from the palace of His Highness.*)

	Rs.	A.	P.
1 silver vine-leaf filagree card case	23	0	0
1 do. harp and peacock	24	0	0
1 do. filagree cocoanut shell	7	9	0
1 do. book-stand with boar's tusk	16	10	0
1 double-elged Kuftgari knife	11	4	0
1 ditto ditto	16	8	0
1 Kuftgari flower-vase	33	8	0
1 do. water jug	30	8	0
1 do. jug	20	8	0
2 do. plates, each	9	8	0
1 do. ink-stand	4	0	0
1 do. photograph-frame	10	8	0

(*Executed by Gopal Jenerthen, Jeweller Quilon.*)

2 silver bouquet-holders, each	8	0	0
2 small ditto	4	8	0

(*Executed by Jeweller Moothoo of Trivandrum.*)

1 silver knife handle	3	8	0

(*Executed by Sivantha Perumal Chockalinga of Trivandrum.*)

	Rs.	A.	P.
1 plate "Kuftgari" work	21	0	8
1 iron do. do. gold gilt	21	0	0

(*Executed by Chaivai Moothoothoo of Trivandrum.*)

1 iron spear "Kuftgari" work	2	0	0
1 plate "Kuftgari" work	3	8	0

(*Executed by Sivantha Perumal Chokalinga of Trivandrum.*)

1 vase, "Kuftgari" work	26	0	0
1 cocoanut shell with silver work and stopper	3	8	0
1 ink-bottle, "Kuftgari" work	5	8	0

(*Executed by artists of His Highness.*)

2 horn paper-weight, each	2	8	0
1 snake made of horn	2	8	0
1 ivory image	5	8	0

(*Executed by Peter Peris of Trivandrum.*)

36 figures representing different castes	20	0	0
86 ditto ditto working classes	16	0	0

(*Executed by John D'Cruz of Anjengo.*)

1 model of His Highness the Maharajah's barge ...	44	0	0

(*Travancore workmanship.*)

1 model of a native door with latch, lock and key ...	8	0	0
2 peacock-feather fans, each	6	0	0

Copper-ware inlaid with silver—

FROM TANJORE DISTRICT.

(*Made under the superintendence of, and exhibited on loan by, W. S. Whiteside, Esq., C.S.*)

1 Tray.

(*Exhibited by Sathasiva Thavai. For sale.*)

1 big "*kodum*" or pot, 1st sort	120	0	0
Small ditto ditto ... each Rs.	75 & 20	0	0
1 Do. ditto, 2nd sort	55	0	0
Octagonal tray	70	0	0
1 Round do. ... ... Rs.	60 & 32	0	0
Chembus, 1st sort ... ... each ,,	50 & 40	0	0
1 Do. with ten incarnations of Vishnu	40	0	0
4 *Lotas*, 1st sort ... ... each	60	0	0
1 *Thumba*, 2nd sort	40	0	0
1 do., 1st do.	50	0	0
2 Flower vases, 1st sort ... ... each	35	0	0
1 *Lota* with cover	25	0	0

	Rs.	A.	P.
1 *Lota*, small, 2nd sort	13	0	0
1 *Thumba*, small do.	13	0	0
1 "*Sthali*," do.	15	0	0

(*Exhibited by Ramalinga Pattar, Jeweller, Tanjore. For sale.*)

1 *Chembu* with cover	250	0	0

(*Procured through M. R. Ry. Gopalakrishna Pillarg Avergal, Secretary, Tanjore Local Committee.*)

1 Rose-water sprinkler	55	0	0

(*Exhibited by Kunnoosawmi Puthan, Tanjore. To be sold; if not, returned.*)

1 Tray	126	8	0

Brass-ware inlaid with silver—

FROM TIRUPATI, NORTH ARCOT DISTRICT.

(*Made under the superintendence of, and exhibited on loan by, W. S. Whiteside, Esq., C.S.*)

2 Trays.

(*Exhibited by Sathasiva Thavai, Merchant, Tanjore. For sale.*)

1 Small "*kodum*"	15	0	0

Brass-ware inlaid with copper—

Small "*kodum*," 1st sort ... ... Rs.	30 & 10	0	0
1 *Chembu*, do.	20	0	0
1 Octagonal tray	20	0	0

(*Procured through M. R. Ry. Gopalakrishna Pillay Avergal.*)

1 Tray	20	0	0
1 *Panchapathram*	23	0	0
1 *Lota*	15	0	0
1 *Sorakudukkai lota*	15	0	0
1 Large and 1 small *chembu*	47	0	0

Plain brass, chased—

1 *Chembu*	25	0	0

Brass-ware inlaid with copper and silver—

(*Procured through A. J. Stuart, Esq., C.S., Collector of North Arcot.*)

	Rs.	A.	P.
1 Large brass tray	50	0	0
1 Small ditto			
1 Do. *chembu*			

TRICHINOPOLY DISTRICT.

Brass and zinc—

(Procured through M. R. Ry. Pattabhiram Pillay Avergal, President, Trichinopoly Local Committee.)

1 Goglet.
1 Tray.
1 *Chembu.*
1 Tumbler.

MADURA DISTRICT.

Brass paper-weights in carved brass—

(Exhibited by Malaycunnoo Asary. To be sold.)

		Rs.	A.	P.
2 Beetles in brass	each	2	0	0
6 Lizards do.	,,	7	0	0
2 Small lizards in brass	,,	1	8	0
1 Large snake in brass		10	0	0
1 Small do. do.		7	0	0
4 Frogs do.	each	3	0	0

(Procured through C. S. Crole, Esq., C. S., Collector of Madura.)

	Rs.	A.	P.
1 male lizard	6	0	0
1 large kind of frog	3	0	0
1 small serpent	7	0	0
1 small lion	7	0	0
1 belly-god	10	8	0
1 salver	10	0	0

Carved steel—

(Procured through C. S. Crole, Esq., C. S., Acting Collector, Madura, as sale exhibits.)

	Rs.	A.	P.
An article with two weapons into which three others may be fixed	35	0	0
Spear	25	0	0
Iron snake	15	0	0
Do. frog	3	0	0
Lizard	2	0	0
A stick with three weapons	40	0	0

(Exhibited by P. P. Hutchins, Esq. on loan.)

1 four-bladed dagger.
6 Bolls, Rs. 4-8.
1 Tree, As. 9.
3 Boxes in tiers, As. 4 and As. 2.
8 Articles of lac work, As. 2-9.

Wood carving—
1 Paper-cutter, Re. 1.

Sandalwood carving—
1 Image, Rs. 13.
1 Sandalwood box covered with silver filagree work, Rs. 10.

Wood carvings—
1 elephant goad.

Ivory, &c., carvings—
1 Deer, Rs. 15.
1 Horse, Rs. 16.
1 Tiger, Rs. 20.
1 Mountain rat, Rs. 4.
3 Dogs, Rs. 8 to Rs. 12.
1 Cow, Rs. 15.
1 Elephant, Rs. 30.
2 Walking canes, each Rs. 25.
2 Rats of buffalo horn, As. 8.

(Procured through C. A. Galton, Esq., C.S., Collector of Malabar.)

FROM KAVOY, MALABAR DISTRICT.

1 Carved box of jackwood (*Artocarpus integrifolius*).

Miscellaneous—

(Exhibited by His Highness the Maharajah of Vizianagram).

1 Image made of cloth, Re. 1.

(Exhibited by Muhammad Mahmud Khan Bahadur; on loan.)

3 Shields.

(Exhibited by His Highness the Rajah of Bobbili. To be presented to the Madras Museum after the Exhibition.)

1 Chowry made of sandalwood.

CLASS XXXII.—CARPETS, HANGINGS, TAPESTRY, &c.

Mats.—Various substances are used in Southern India for making mats, such as bamboo, rattan, palmyra leaf, date-palm, screw-pine and sedges. A considerable industry in plain and colored mats is carried on at Wandiwash in the North Arcot district, the material used being a species of Cyprus which grows wild on the banks of water-channels, but is also cultivated. When cut, this reed is split, sorted into sizes, and stacked. Several species of sedge appear to be used for mat-making, but the one from which the finest sorts of mats are manufactured at Tinnevelly and Pálghat is *Cyperus pangorei*. Tinnevelly mats of the first quality are generally uncolored, or with one or two simple bands of red and black at each end, and they may be made so fine that a mat sufficient for a man to lie on can be rolled up and packed into the interior of a moderate-sized walking-stick. The strips of the split sedge used in the Pálghat matting are not so fine as those employed in Tinnevelly, and the article is therefore heavier, coarser in texture, and not so flexible. The Pálghat mats are also usually colored with black and red in geometrical patterns. Both these, as well as the Vellore mats, are made on a rude kind of loom, the warp consisting of cords of common twine, separated more or less according to the quality desired. The woof consists of strips of the split sedge dyed, or of the natural hue. The black color is produced by iron, gall-nut powder, and the pods of the babul (*Acacia Arabica*, Willd). A red dye is got by boiling the split sedge in water with the wood of varthangi (*Cæsalpinia sappan*, Linn.), and the leaves of kasan (*Memecylon edule*, Roxb). For yellow, which is not so often used, the coloring ingredient is turmeric.*

Carpets.—The carpets and rugs exhibited are few in number, it being impossible to get good specimens from the old seats of the industries on short notice. The exhibits are of three kinds—cotton, wool, and silk.

Cotton Carpets.—These are thick and in short lengths, sufficient for sleeping on. One from Vadavedi in the South Arcot district, is effective and interesting, as the pattern is evidently the outcome of some old design in grass-matting. The colors are black, white, red, and orange, and the general effect is quiet and pleasing. Some carpets of the same class, but of the better quality, are exhibited from Adoni. In these the colors are in narrow stripes, plain or chequered, running across the piece, and rather glaring and inharmonious. Large

* Cox's North Arcot Manual, page 344.

numbers are made and sold, but although effective enough as a purdah or table-cover in a remote corner of a room, they have a tiresome effect if constantly under the eye.

Woollen Carpets.—There is one specimen of an Ellore carpet. Its chief interest lies in the fact that it is an attempt, at the instance of a local firm, to revive an old shade of red which the weavers have for some time given up using, because it is somewhat difficult to produce. A fair specimen of the Ellore type comes from Masulipatam. A small specimen from Iyampet, Tanjore, is well made, but the colors are glaring and the pattern undecided. Three specimens are sent by the Rajahmundry jail; of these the one with the light-colored ground is the most sober as regards colors. A drab wool and silk shawl or mat, striped yellow, from Mysore is worthy of notice.

Silk Carpets.—Two of these, both from Tanjore, are exhibited. One is rather old and faded, and the pattern of the other is too vague and the grouping of colors in the centre trying to the eye. Here, as in the case of the woollen carpets, there was no time to get proper specimens.

FROM KIMEDI, GANJAM DISTRICT.

(Procured through Ganjam Local Committee.)

	Rs.	A.	P.
2 reed mats ... ... each	3	8	0

FROM PATTAMADAI, TINNEVELLY DISTRICT.

(Procured through A. J. B. Atkinson, Esq., C. S., Collector of Tinnevelly, exhibited by M. R. Ry. K. Annasawmi Aiyar Avargal, Palamcottah, for sale.)

	Rs.	A.	P.
2 grass mats ... ... each	25	0	0

FROM SHIYALI, TANJORE DISTRICT.

(Procured through M. R. Ry. Gopalakrishna Pillay Avargal, Secretary, Tanjore Local Committee.)

	Rs.	A.	P.
Grass mats ... ... Rs. 2-4 and	4	8	0

FROM CHITVAIL, CUDDAPAH DISTRICT.

(Procured through M. R. Ry. Venkata Row Avargal, Honorary Secretary, Cuddapah Committee.)

	Rs.	A.	P.
2 Grass mats ... ... each	1	0	0

FROM PALGHAT, MALABAR DISTRICT.

(Procured through C. A. Galton, Esq., C.S., Collector of Malabar.)

6 Grass mats.

FROM PORTO-NOVO, SOUTH ARCOT DISTRICT.

(Procured through A. Cruickshank, Esq., C.S., Collector of South Arcot.)

	Rs.	A.	P.
2 Mats made of the leaves of *Pandannus odoratissimus*, each	2	4	0

Cotton Carpets—

FROM CUMBUM, KURNOOL DISTRICT.

(Exhibited by W. H. Glenny, Esq., C.S., Collector of Kurnool; on loan.)

1 Cotton carpet.

FROM ADONI, BELLARY DISTRICT.

(Procured through H. St. A. Goodrich, Esq., C.S., Collector of Bellary, and exhibited by Daroga Sheik Sahib. For sale, or return to the owner.)

	Rs.	A.	P.
Cotton carpets ... ... Rs. 2-12 and	1	10	0

FROM VADAVEDI, SOUTH ARCOT DISTRICT.

(Procured through A. Cruickshank, Esq., C.S., Collector of South Arcot.)

	Rs.	A.	P.
1 Cotton carpet	1	6	0

Woollen Carpets—

FROM ELLORE, GODAVARI DISTRICT.

	Rs.	A.	P.
1 Woollen carpet	68	6	4

FROM MASULIPATAM, KISTNA DISTRICT.

	Rs.	A.	P.
1 Woollen carpet	80	0	0

FROM IYAMPET, TANJORE DISTRICT.

(Procured through M. R. Ry. Gopalakrishna Pillay Avargal, Secretary, Tanjore Local Committee.)

	Rs.	A.	P.
1 Woollen carpet	6	0	0
1 Cotton and woollen carpet	4	0	0

FROM GODAVARI DISTRICT.

(Exhibited by Major J. Pickance, Superintendent, Central Jail, Rajahmundry. To be sold.)

	Rs.	A.	P.
1 Woollen carpet, *Ramachendra kavi* pattern			
1 Woollen carpet, *Asham kavi* pattern			
1 Ditto, *Bundershah Navazkunnu* pattern ...			

(Exhibited by the daughter of M. R. Ry. Vencata Iyengar Avargal, Yadatora, Mysore District. For sale.)

	Rs.	A.	P.
1 Woollen embroidered rug	150	0	0

FROM DEVANGIRI, MYSORE DISTRICT.

(Exhibited by M. R. Ry. T. Chokhanna; on loan.)

1 Kumbli or coverlet of woollen and silk.

FROM NEGAPATAM, TANJORE DISTRICT.

(*Exhibited on loan by F. Oliver, Esq., Merchant.*)

1 Silk carpet.

FROM IYAMPET, TANJORE DISTRICT.

(*Procured through M. R. Ry. Gopalakrishna Pillay Avargal, Secretary, Tanjore Local Committee.*)

	Rs.	A.	P.
1 Silk carpet	40	0	0

FROM GOOTY, ANANTAPUR DISTRICT.

(*Procured through N. A. Roupell, Esq., C.S., Collector of Anantapur.*)

	Rs.	A.	P.
Palampores—			
3 Palampores ... ... each	0	10	0

FROM WALAJAPET TALUK, NORTH ARCOT DISTRICT.

(*Procured through A. J. Stuart, Esq., C.S., Collector of North Arcot.*)

	Rs.	A.	P.
Palampores ... ... Rs. 15 0 0 to	2	0	0

FROM KALAHASTI, NORTH ARCOT DISTRICT.

(*Exhibited by the Zemindar of Kalahasti.*)

1 Pictured palampore, representing scenes in the Ramayanam.
1 Do. do. do. Bharatam.

(*Procured in the local market.*)

	Rs.	A.	P.
1 Palampore	6	8	0

FROM TIRUPAPULIYUR, SOUTH ARCOT DISTRICT.

(*Procured through A. Cruickshank, Esq., C.S., Collector of South Arcot.*)

	Rs.	A.	P.
1 Palampore	2	4	0

FROM CHINNA SALEM.

	Rs.	A.	P.
Cotton sheets—			
2 Cotton sheets ... ... each	4	0	0

FROM JAMMALAMADUGU, CUDDAPAH DISTRICT.

(*Procured through M. R. Ry. Vencata Row Avargal, Honorary Secretary, Cuddapah Committee.*)

	Rs.	A.	P.
1 Palampore	2	3	4
1 Bed-cover	1	8	0

FROM PULIVENDLA.

	Rs.	A.	P.
Parti-colored cloths ... ...Annas 4 and	0	15	0

FROM CUDDAPAH TOWN.

	Rs.	A.	P.
1 Palampore	0	8	0

FROM MASULIPATAM, KISTNA DISTRICT.

(*Procured through the Collector of Kistna.*)

1 Palampore, Mogul pattern	7	8	0
1 Do. containing 2 pieces	7	0	0
3 Sheets, Hyderabad pattern ... ... each	3	6	0
Do. with animals ... ... Rs. 2-4 and	3	6	0
2 Do. with human figures ... ... each	2	4	0
1 Do. (Dedupat)	2	6	0
1 *Sudni* containing 4 pieces	7	0	0
1 *Bukisham* containing 5 pieces	7	0	0
1 *Mazuma* do. 4 do.	7	0	0
Hangings, &c.—			

(*Belonging to the Pagoda of the Miñashi Sundarésveral Dewastanum, Madura. Sent as a loan exhibit, and procured through C. S. Crole, Esq., C. S., Collector of Madura.*)

1 Canopy embroidered in real pearls, gold and silver.

FROM ELIMBEDU, CHINGLEPUT DISTRICT.

(*Procured through J. F. Price, Esq., C.S., Collector of Chingleput.*)

Palampores.
1 Cotton print.

(*Procured through Mrs. Carmichael, being work produced at the Hobart School of Muhammadan girls.*)*

	Rs.	A.	P.
1 Brown "Malleda" table cloth, embroidered with gold and coloured silk	30	0	0
1 Brown "Malleda" table cloth, embroidered with silk and gold	25	0	0
1 Pair red *dungri* curtains, "Phulkari," Madras chikan work, embroidered	30	0	0
1 Pair blue *dungri* table cloth, embroidered with gold and colored silk, "Madras *Phulkari*"	12	0	0
1 Blue *dungri* large table cloth	7	0	0
1 Do. do. small do.	6	0	0
1 Red *dungri* large do.	7	0	0
1 Do. do. small do.	6	0	0
1 Blue "*Phulkari*," gold and red silk, No. 1	40	0	0
2 Do. do. do. white do. „ 2 ... each	30	0	0
1 Red do. do. do. do. „ 3	30	0	0

* For descriptive notice, *see* Class 46.

	Rs.	A.	P.
1 Blue *dungri* table cloth worked with cotton	4	0	0
1 Red do. do. do.	4	0	0
6 Strips blue Indian calico embroidery	2	4	0
6 Do. red do. do. do.	2	4	0
1 Hand-painted palampore	20	0	0
2 palampores ... ... each	12	8	0
1 piece containing 4 yards of chintz *subpola moharamat*, used for making coats	4	8	0
1 piece containing 4 yards of chintz *lahiri moharamat*, used for making coats	4	8	0
6 piece containing 4 yards of chintz plain *moharamat*, used for making coats	4	8	0
1 piece of small *kakani*, used for making coats	4	4	0
1 piece of almond shape for making coats	4	4	0
1 piece of *Subpola Ambarcha*, used for making coats ...	4	4	0
1 piece of *Ameerbuta*, used for making coats	4	0	0
1 piece of chintz, used for caps (*arkasin*) used for making coats	3	12	0
1 piece of *armuni moharamat*, used for making coats ...	4	0	0
1 piece of *Susan*, used for making coats	3	12	0
1 sheet of small *kakani* of the shawl pattern	6	0	0
1 sheet of almond pattern (colored red)	6	0	0
1 sheet containing red centre with *moharamat* border ...	4	8	0
1 sheet of moss pattern	4	8	0
1 sheet of chintz of Hyderabad pattern containing moss with blue color (one and a half size)	2	8	0
1 piece of *kalamdani moharamat*, used for making coats ...	4	4	0
1 piece of *dastarkhan* (or dining table cloth) colored ...	2	8	0
1 piece of blue almond pattern, used for making coats ...	3	12	0
1 sheet of *janimad* containing 10 pieces (used for Mussalmans when offering prayers)	7	8	0
1 sheet containing 3 pieces of *mujumaposh* (tray covers) of new pattern	5	8	0
1 piece of *ambarcha*, used for making coats	4	0	0
1 hand-printed *kalam kari*	25	0	0

(*Exhibited by His Highness the Maharajah of Vizianagram.*)

1 Palangposh, Rs. 4.

CLASS XXXV.—TOYS.

Vellore Toys.—These are made out of a light and pale-colored wood calle *vépále* which turns well, and is probably that of *Holarrhena antidysenteric* Wall. The articles are in the shape of miniature cups, goglets, *chattis* and oth domestic utensils, and are covered with a beautiful colored varnish or lacque which does not suffer from immersion in water, or come off when the toy is put a child's mouth. The lacquer is composed of lac as a basis, with pigments different kinds to give the colors. While the toys are revolving in the lath sticks of various colored lac are applied to the surface. The friction creat sufficient heat to melt the lac, and the pressure causes it to adhere to the woo and leave a finely polished surface.*

FROM GODAVARI DISTRICT.

(*Exhibited by the Zemindari of Nidavolu.*)

2 Ivory dolls with real jewels, Rs. 100.

* Cox's North Arcot Manual, p. 347.

FROM KISTNA DISTRICT.

(*Exhibited by His Highness the Rajah Venkatadri Apparaor Bahadur of Chevandramutri.*)

2 Ivory dolls without jewels.

(*Exhibited by Muhammad Beg Sahib, Vellore. For sale.*)

	Rs.	A.	P.
1 set of wooden lacquer toys	0	5	6

FROM NOSSAM, CUDDAPAH DISTRICT.

(*Procured through M. R. Ry. C. Vencata Row Avergal, Secretary, Cuddapah Local Committee.)*

	Rs.	A.	P.
3 sets of native playing cards*	5	0	0

FROM MANDASUR, GANJAM DISTRICT.

(*Procured through the Ganjam Local Committee.*)

	Rs.	A.	P.
1 set of toys representing a nautch at a native court ...	4	0	0
1 ditto ditto district sessions court ...	4	0	0

FROM NARSAPUR, GODAVARI DISTRICT.

(*Procured through W. S. Meyer, C.S., Vice-President and Secretary, Godávari District Committee.*)

1 set of toys

FROM KONDAPILLY, KISTNA DISTRICT.

(*Procured through the Collector of Kistna.*)

The wood used in making these is said to be got from *Gyrocarpus Asiaticus.*
6 sets male and female figures, illustrating costume.
3 do. representing a nautch at a native court.
1 set representing a collector's cutcherry.
1 do. ditto jugglers.
1 do. ditto bandstand.
1 do. representing the village school.
1 do. do. the police force.
1 pair "*sangadics*," the common craft on the Kistna.
2 palmyra trees.
2 mango fruits.
2 palanquins with six bearers.
2 ploughs.
2 country carts.
1 native house.
8 dozen figures of various sizes representing various trades and callings.
The whole collection priced at Rs. 90-4.

* For descriptive notice, *see* Section D, Class 31.

CLASS XXXVI.—OTHER HOUSEHOLD UTENSILS AND APPLIANCES.

(Exhibited by Muhammad Mahmud Khan Bahadur, Madras.)

1 Bead-work basket.

(Belonging to the Estate of the Ramnad Zemindari, and permitted to be sent as a loan exhibit. Exhibited by the Court of Wards, Madras.)

1 Blackwood box with a contrivance for concealing the jewelry by a secret folding lappet.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASS XLV.—FANCY WORK.

Embroidery.—Some styles of this class of work, such as those used for adorning the hangings of temples, are no doubt of very ancient date in India; but the arts of embroidering muslin, silk, and cloth, as now practised, seem to be of comparatively recent origin in the south, and to have been introduced by the Muhammadans. The Madras work of this kind may be classed as follows:—

(*a.*) Muslin embroidered with cotton thread.
(*b.*) Net do. silk do.
(*c.*) Do. do. silver do.
(*d.*) Do. do. gold, or gold and silver.
(*e.*) Do. do. gold and beetle's wings.*
(*f.*) *Dungari* do. floss silk.
(*g.*) Woollen cloth embroidered with silk thread and gold.

The embroidered *dungari* is of very recent introduction, having been introduced by Mrs. Carmichael with the object of affording poor Muhammadans occupation. The patterns which originally came from Northern India were got from South Kensington. Embroidery is an art in which the people of India particularly excel owing to the deftness of their fingers, good taste in flat patterns and great patience, and it is very desirable that the work should be encouraged. One exhibit, namely the embroidered cover for an idol, is a fine example of purely Dravidian art, as the pattern is characteristic and worked out regardless of expense with gold lace and pearls.

CLASSES XXXVIII, XL, XLIII, XLVI—COTTON, SILK, MIXED FABRICS, APPAREL, &c.

The exhibits in this class consist of a selection of products of the native loom in silk and cotton, calculated to afford some idea of the fabrics used as clothing by the people of the south. Amongst Hindus everything connected with clothing is more or less regulated by the ancient and rigid laws of caste, so that the

* These are the elytræ of a gorgeous *Buprestis*.

articles in this class also possess more or less of an ethnological interest. The brilliancy of the colors and their grouping in Indian textile fabrics are generally very different from European conceptions, but it will be found that some of their most characteristic designs are, so far as the choice and arrangement of colors are concerned, copies from nature and therefore not unpleasant. The results, however, are often so remarkable that no European would venture to wear articles presenting such combinations, although on a dark-skinned people they do not seem at all out of place, and often have a most picturesque effect. As India is the botanical home of the cotton plant, so from remote ages her people have used its fleecy wool in the manufacture of cloth. From India the art of cotton manufacture travelled to Egypt and Assyria. In the thirteenth century the Italians were making attempts to imitate Indian cotton goods, but it was only in the end of the seventeenth century that the art found a footing in Scotland and England. Various allusions are made in the works of travellers to the cotton manufactures of Southern India. Tavernier, a dealer in precious stones, who travelled in India about the middle, and Dr. Fryer, who visited it in the end of the seventeenth century, both speak of the common cotton manufactures as *Calicuts*, a term derived from the place at which they were originally made. Tavernier* says "*chites* or painted Calicuts, which they call *calmendar*, that is to say, done with a pencil, are made in the kingdom or Golconda and particularly about Masulipatam. These *chites* serve for coverlets for beds, for sofas or table-cloths, after the country fashion, pillow-covers, handkerchiefs, but more especially for waistcoats, as well for the men as women in Persia." With reference to the silk goods of India, Tavernier observes, "they make carpets of silk and gold, others of silk and silver, others all of silk. In the second place, they make sâtins with streaks of gold and silver; others plain with taffatas after the same fashion." Again, "in the third place, they make *patoles*, which are a sort of silk stuff, very thin, but painted with all sorts of flowers."

The cotton fabrics of the south embrace muslins and chintzes, the latter including palampores.

Muslins.—The finest muslins in the south are those made at Arni, but from want of encouragement the industry has become almost extinct, and specimens are now only made to order. The dress-piece exhibited was got through the Collector, Mr. Price, who has also kindly furnished the following translation of a description by a native of the mode of preparing the yarn and weaving and bleaching the cloth.

"*Particulars regarding the yarn used in weaving Arni muslins.*—Paruthi cotton, an indigenous plant, five years old, should be made use of, as, if new cotton be used, the threads will be too thick. The people of Chingleput do not know how to spin this five-year old cotton. The Telugu Parayas of Cherivi, Irugalam, Kolladam; Pondavakham, Chettulpakham, of the Tiruvalur Taluk, and Kannavaram and Tiruparantakapuram of the Kalahastri Zemindari are employed in spinning the yarn. The *modus operandi* is as follows:—They pull the cotton with the fingers, collect it into a heap, and beat it exactly as common cotton is beaten by cotton-beaters. The dust is collected, placed on a dry rind of the plantain stem, one cubit long, rolled, tied in four or five places with ropes, and laid by. The whole of the cotton is thus dealt with, and kept tied up in bundles in the rind of the plantain stem. They then spin it by means of wheels. These wheels are similar to the ordinary ones, but their spokes and axle are small. If a spindle is attached to the wheel, the cotton kept tied in the rind of the plantain stem attached to the spindle, and the wheel put in motion, the yarn winds itself on the spindle. 480 cubits of yarn are formed on each spindle, and this is a full day's work. Six sticks are pared off thin, planed and fixed in the ground, and the yarns on the spindle are wound round these with an instrument called *pandai* (a reel-like instrument), and then they are formed into *sidus* (skeins or knots)."

* Travels in India, page 126.

The price per seedu is—

	Rs.	A.	P.
First sort	0	6	3
Second do.	0	4	0
Third do.	0	3	0
Fourth do.	0	2	6
Fifth do.	0	2	0
Sixth do.	0	1	0

"Thus far the Parayas do the work. Their work ends with forming *sidus*. The subsequent work is performed by the weavers."

"Six hundred of the *sidus* are required to manufacture a piece of muslin. What is called a piece of muslin is 16 yards long and 1¼ yards broad. The aforesaid *sidus* are wound upon a *pandai* and starched. While the yarns are still wet, they are wound upon another *pandai*, and when dry they are again starched, and the starching process is thus repeated five times. The starch used is rice starch. This should be filtered through a tight cloth, diluted with fresh water, and then applied. Then sticks are fixed for a distance of 16 yards, and the *sidus* that have been starched are run into yarps. They are then attached to the frame and set in a delicate loom and woven. This is called a *padugu*. The articles connected with the loom are similar to those used in the manufacture of ordinary cloths. The whole of the apparatus used in the weaving of the muslin is thin and fine. Starch is not applied to some of the *sidus*, which are wound on a *pandai* and then transferred to a dry reed, as long as a finger (this is called a *kandai* or reel). This unstarched yarn is used as weft. The reel is put into a shuttle made of bamboo and then used in weaving. Three hands are required for weaving the muslin: one should work at the loom, and the other two should stand one on each side of it, and pass the shuttle through. If in the said manner the three persons attend solely to this work, they can weave a cubit a day. To make *padugu* and attach it to the loom will take twenty days. The weaving can be completed in a month or thirty-two days.

	Rs.
"Price of the first sort	200
Do. second do.	150
Do. third do.	100
Do. fourth do.	75
Do. fifth do.	50
Do. sixth do.	25

Only a few of the weavers at Arni can perform this weaving; all of them cannot.

"*The mode of bleaching the muslin.*—Muslins of the first, second, and third sorts should not be beaten on stones in washing them. They should be beaten on sand, bundled in the shape of a stone in a strong cloth. They are washed in water from springs excavated in river-beds. After washing the cloth in the aforesaid manner, it is put into a pot containing a mixture made of half a measure of the juice of *thumbai** plant, four measures of water, and five pollams of limestone, and boiled for a *jámam* (7½ Indian hours). This is called the process of boiling or steaming. All this work is done by the *dhobi*, but the weaver is present, and gives directions. After the cloth is boiled, it is taken out, dipped in water, again beaten on a bundle of sand, and left to dry. When it is a little dry, it should again be wetted. After this process is repeated for two days, the cloth should again be boiled. In doing so, the *thumbai* juice and the limestone are not necessary, but fresh water should be made use of. The cloth should again be taken out and steeped for one whole day in four measures of lime-juice. On the following day it should be taken out, dipped

* *Leucas aspera.*

in water, again beaten on a bundle of sand, and (alternately) allowed to dry, and wetted. If the muslin is subjected to this process for ten days, it becomes white. Thus far the work is carried on by means of the *dhobi*. After this the weaver applies starch to the cloth. On the first day it is dipped in starch and dried. On the following day it should be starched and dried in the same way. After doing this for five days, on the sixth day starch should be applied to it little by little by the hand, and allowed to dry. After thus starching the whole of the cloth, it is folded and kept. Twenty days is the time taken up in bleaching the muslin in the aforesaid manner."

Two good specimens of muslin from Chicacole, also formerly the seat of a large industry in this class of goods, are exhibited by the Hon'ble G. N. Gajapathi Row. One of these is white with raised spots, and the other has pink spots. Some excellent specimens of chintz in checked patterns are exhibited from Chingleput. These are deserving of attention on account of the quality of the cloth and the excellence of the dyes.

Some of the older chintz patterns, evidently traditional, from Cuddapah, Chingleput, &c., are very curious and appear to have been executed with stencil or coarse blocks.

Palampores.—The most remarkable of the cotton exhibits are the *palampores*. The palampore, as its name implies, is used as a bed-cover, and some specimens of the older ones are very artistic, both as regards the composition of their complex patterns and their coloring. In some cases the figures are printed on the cloth with wooden blocks, but all the finer palampores are prepared by stencilling and hand-painting. The stencil plates are made of stout pieces of paper. On these the outlines of the pattern are first traced in ink, and then perforated with minute holes in the most accurate manner with a fine needle. The stencil is then complete, and when in use is placed on the cloth and covered with charcoal in very fine powder, which is rubbed so as to make it pass through the minute perforation and leave a tracing. The rest of the work is done entirely by hand, and thus considerable scope is given for the exhibition of individual taste in the selection and grouping of colors. The Kalahastri palampore contains mythological scenes, and full descriptions of these in the vernacular. Some of the more expensive Masulipatam-made palampores are virtually hand-painted pictures on cloth. One exhibited depicts a scene in a forest with a river flowing below.

Silk exhibits.—Silk has long been known and manufactured in India, but the approximate date of its introduction from China is unknown. Cloths are made from silk alone or silk mixed with cotton. Various dyes are used, and gold and silver are often employed to decorate the ends or borders of the higher priced articles. A fine collection of cloths used for making jackets for women is sent from Bellary. The patterns of these, with perhaps a few exceptions, are all purely native, and generally in excellent taste, although the colors are very brilliant. Some white silks, plain and figured, from Conjeeveram are deserving of notice, and so is a thick white scarf with a gold border. Very superior gold-bordered cloths are exhibited from Madura, Chingleput, and Tanjore.

The gold wire used in decorating the Madura cloths is either prepared locally or imported from Europe; the latter is the more brilliant when worked up, and possibly more durable. The gold is most commonly introduced as warp in the borders or spots in the body of the cloth, but when gold ends are wanted it is worked in as weft.

Lace.—Various samples of white lace, black silk and gold lace, and gold lace are exhibited. These have all been made by native girls in mission schools, and are most admirable specimens of this kind of work. The patterns are European, and the industry, if conducted under suitable guidance and with good thread, promises to become of some importance, as labor is comparatively cheap in India and this sort of work admirably suited for the patient and neat-handed Hindu.

CLASS XXXVIII.—COTTON FABRICS.

FROM WALAJAH TALUK, NORTH ARCOT DISTRICT.

(Procured through A. J. Stuart, Esq., C. S., Collector of North Arcot.)

	Rs.	A.	P.
Pieces chintz ... ... Rs. 2 to 3	8	0	

FROM MADERPAK TALUK.

Pieces chintz ... ... Rs. 9 to 0	4	6	

FROM KUMBAKÓNAM, TANJORE DISTRICT.

(Procured through M. R. Ry. Gopálakrishna Pillay Avergal, Honorary Secretary, Tanjore Committee.)

		Rs.	A.	P.
1	Black "Gunda" handkerchief	0	8	0
1	Ditto shawl	1	0	0
1	Do. "Vengayappu" shawl	1	0	0
1	Yellow do. do.	1	0	0
1	Red do. do.	1	0	0

FROM SALEM DISTRICT.

(Procured through C. D. Macleane, Esq., C.S., Collector of Salem.)

	Rs.	A.	P.
1 Piece chintz containing five samples	1	4	0

FROM CHINGLEPUT DISTRICT.

(Procured through J. F. Price, Esq., C. S., Collector of Chingleput.)

	Rs.	A.	P.
2 Pieces showing different patterns ... ... each	0	8	0

FROM CUDDAPAH DISTRICT.

(Procured through M. R. Ry. Vencata Row Avergal, Honorary Secretary, Cuddapah Committee.)

FROM JAMMALAMADUGU TALUK.

	Rs.	A.	P.
12 Samples of printed chintz ... ... each	0	2	10

FROM PRODDUTUR TALUK.

	Rs.	A.	P.
6 Samples of printed chintz ... ... each	0	1	0

FROM CUDDAPAH TOWN.

7 Samples of printed chintz, ornamented with tinsel each	0	3	0

FROM PULIVENDULA TALUK.

	Rs.	A.	P.
1 Dyed cloth	0	0	6

FROM COCANADA, GODAVARI DISTRICT.

(Procured through W. A. Happel, Esq., C.S., Collector of Godávari District.)

	Rs.	A.	P.
7 Pieces containing 48 samples of different patterns of printed chintz, each sample	0	6	1

FROM TRICHINOPOLY DISTRICT.

(Procured through M. R. Ry. Pattabhi·am Pillay Avergal, President, Trichinopoly Local Committee.)

2 Pieces of hand-printed chintz, consisting of 10 patterns.

FROM RAJAHMANDRI, GODAVARI DISTRICT.

(Procured through W. S. Meyer, Esq., C.S., Vice-President and Secretary Godavari District Committee, and exhibited by Major W. Pickance, Superintendent, Rajahmundry Central Jail. To be sold at the close of the Exhibition.)

	Rs.	A.	P.
2 Pieces Nankin drill ... ... per yard	0	10	0

FROM CHICACOLE, VIZAGAPATAM DISTRICT.

(Exhibited by the Hon'ble Raja Goday Narain Gajapathi Row.)

	Rs.	A.	P.
1 Piece muslin with pink spots, made by Konda Paupiah ...	14	0	0
1 Piece muslin with white spots, made by Konda Paupiah ...	14	0	0
1 Piece punjam.			

FROM CHINGLEPUT DISTRICT.

(Procured through J. F. Price, Esq., C.S., Collector of Chingleput.)

	Rs.	A.	P.
1. Piece Arni muslin	100	0	0
4 *Pagris* of Arni muslin ... ... each	6	8	0
1 Sample of thread of which the muslin is made.			

FROM MASULIPATAM.

(Procured through J. G. Horstall, Esq., C.S., Collector of Kistna.)

	Rs.	A.	P.
2 Yattapolliem "*lungis*" or waist cloths ... each	7	0	0
2 Pieces handkerchiefs ... ... ,,	8	0	0
1 Piece "*Suchi*" or petticoat cloth	6	0	0
1 Pair Chintaguntapolliem "*dhutis*" body cloths pair	5	0	0
2 Podanna table-cloths ... ... each	5	0	0

CLASS XXXIX.—WOOL FABRICS.

(Procured locally.)

		Rs. A. P.
1 *Kambli*	Rs. 1-12 to	1 0 0

CLASS XL.—SILK FABRICS.

FROM KAMPLI, BELLARY DISTRICT.

(Procured through H. St. A. Goodrich, Esq., C.S., Collector of Bellary, and exhibited by Tenginakayi Sarabhanna. To be sold, or returned to exhibitor.)

		Rs. A. P.
1 Silk woman's cloth	*(Anjoorirungu Peetambarum)* ...	45 0 0
1 Do. do.	*(Anjoorirungu Peetambarum Yerra)*	45 0 0

Exhibited by Sitra Veerayya and to be returned to the exhibitor.)

1 Silk handkerchief with Canarese characters (*Pranamu Vastrum.*)

FROM ADONI.

(Exhibited by Chilara Vitobama. To be sold, or returned to the exhibitor.)

	Rs. A. P.
1 Silk *choli* (*Yerrapatti Ravika*)	1 8 0

FROM TANJORE DISTRICT.

(Procured through M. R. Ry. Gopalakrishna Pillay Avergal, Secretary, Tanjore Local Committee.)

		Rs. A. P.
1 Silk-laced woman's cloth	...	47 0 0
2 Do. do. *cholis*	each	1 0 0
1 Do. do. cloth	...	18 8 0

FROM CHINGLEPUT DISTRICT.

(Procured through J. F. Price, Esq., C.S., Collector of Chingleput.)

	Rs. A. P.
1 Piece, 12½ yards flowered silk for a lady's dress ...	25 0 0
1 Do. 12 yards plain silk for coats...	27 0 0
1 Dozen flowered silk handkerchief	12 0 0
1 Ditto plain ditto	12 0 0
1 Silk and cotton woman's cloth	27 0 0
1 Silk-laced woman's cloth	100 0 0

CLASS XLIII.—MIXED SILK AND COTTON FABRICS.

FROM KAMPLI, BELLARY DISTRICT.

(Procured through H. St. A. Goodrich, Esq., C.S., Collector of Bellary, and exhibited by Yeerasetti Naganna. To be sold or returned.)

	Rs. A. P.
1 Woman's cloth (*Tollapoovula Cheera*)	75 0 0

(Exhibited by Chinta Yeeranna. To be sold or returned to the exhibitor.)

	Rs. A. P.
1 *Choli* (*Teellapoovula Ravika*)	2 14 0

(Exhibited by Sulivantra Jambanna. To be sold or returned.)

	Rs. A. P.
1 *Choli* (*Vadlaparajapati Ravika*)	1 8 0
1 Do. (*Gunga Jaman Ravika*)	1 4 0
1 Do. (*Hiremoothadibigal Chooka Ravika*)	1 2 0
1 Do. (*Vankipaituru Chooka Ravika*)	1 2 0
1 Do. (*Honnaru Chooka Ravika*)	1 0 0

(Exhibited by Silavantra Pompanna. To be sold or returned.)

	Rs. A. P.
1 *Choli* (*Haradipoovoo Ravika*)	1 6 0
1 Do. (*Yasalloomalligi*)	1 6 0
1 Do. (*Yellakigoni Ravika*)	1 6 0
1 Do. (*Halidicharkani Ravika*)	1 2 0
1 Do. (*Thellacharkani Ravika*)	1 2 0
1 Do. (*Voodaramalligi*)	1 2 0
1 Do. (*Joomooroojomali*)	1 2 0

(Exhibited by Talangi Iyanna. To be sold or returned.)

	Rs. A. P.
1 *Choli* (*Lahirihsaroopootani*)	1 8 0
1 Do. (*Kapilisaroopootani*)	1 6 0
1 Do. (*Lahari, Dadi, Bila, Sunnahoovoo, Saroopootani*) ...	1 3 0
1 Do. (*Haladiboogadipaitru*)	1 0 0

(Exhibited by Voddina Sarannapa. To be sold or returned.)

	Rs. A. P.
1 *Choli* (*Dadiparakupati Saroopootani*)	1 1 0
1 Do. (*Kaktakampucharkhani Saroopootani*)	0 12 0

(Exhibited by Kaligi Nagappa. To be sold or returned.)

	Rs. A. P.
1 *Choli* (*Hassooroosarpopootani*)	1 0 0

FROM ADONI.

(Exhibited by Chillara Vitobanna. To be sold or returned.)

		Rs. A. P.
4 *Cholis* (*Voothabatheesipati Ravikalu*) ...	... each	0 9 6
4 Do. (*Thellabatheesipati Ravikalu*) ...	... „	0 10 6

(Exhibited by Bannagara Venkanna. To be sold or returned.)

		Rs. A. P.
2 *Cholis Rudratchapaitiru Ravikalu*) ...	... each	1 1 6

(*Exhibited by Bunnagara Sankarappah. To be sold or returned.*)

		Rs.	A.	P.
1 *Choli* (*Sadalingahuvina Ravika*)		1	5	0
1 Do. (*Rudrachapatri Ravika*)		1	4	0
1 Do. (*Yedooroobogatri Ravika*)		1	10	0
1 Do. (*Haridihuvina Babatu*)		1	6	0
2 Do. (*Parassoopetti Ravikalu*)	each	1	10	0
1 Do. (*Yallakkigoni Ravika*)		1	9	0
1 Do. (*Kambhavatilingadahoovvina Babatu*)		1	4	0

(*Exhibited by Malakara Raganna Sah.*)

		Rs.	A.	P.
2 *Choli* (*Thellapoola Ravikalu*)	each	1	12	0

FROM KORNAAD, TANJORE DISTRICT.

(*Procured through M. R. Ry. Gopalakristna Pillay Avergal, Secretary, Tanjore Local Committee.*)

		Rs.	A.	P.
Silk and cotton woman's cloths ...	...Rs. 30 and	32	0	0

FROM KALAHASTRI, NORTH ARCOT DISTRICT.

(*Procured through A. J. Stuart, Esq., C. S., Collector of North Arcot, and exhibited by M. R. Ry. Jeya Row, Deputy Tahsildar. To be sold or returned.*)

	Rs.	A.	P.
2 Gold laced muslin men's cloths	35	0	0

FROM TIRUPATI.

	Rs.	A.	P.
1 Gold laced muslin men's cloth	20	0	0
1 Black laced women's cloth	25	0	0
1 Green do. do.	20	0	0

FROM MADURA DISTRICT.

(*Procured through C. S. Crole, Esq., C.S., Collector of Madura.*)

		Rs.	A.	P.
1 Woman's cloth		100	0	0
1 *Choli*		10	0	0
1 Woman's cloths	Rs. 175 and	120	0	0
"*Pagri*"	„ 7 to	10	0	0

CLASS XLV.—FANCY WORK.

(*Exhibited by His Highness the Maharajah of Vizianagram.*)

1 Silk embroidered purse, Rs. 3.

1 Gold embroidered silk handkerchief, Rs. 30.

(*Exhibited by Mrs. C. B. Madiah, Coorg. A loan exhibit.*)

1 Sample of Coorg embroidery.

(*Samples produced at the St. John's Orphanage, Nazareth, Tinnevelly, and forwarded for exhibition and sale by the Rev. E. B. Norman.*)

Lace Embroidery—

		Rs.	A.	P.
White lace	Rs. 2-10-0 to	15	0	0

(*Samples produced at the Sarah Tucker Institution, Palamcottah, and forwarded for sale by the Rev. C. Harcourt.*)

		Rs.	A.	P.
Strips of embroidery	Rs. 0-10-0 to	5	0	0

(*Samples of "Pillow lace" produced at the lace S. P. G. Mission School, Trichinopoly, and forwarded for exhibition and sale by the Rev. J. L. Wyatt.*)

		Rs.	A.	P.
Pieces of 5 yards of lace, yard	Rs. 4-0-0	to 6	0	0
6 Yards of insertion	...	1	8	0
3½ Yards of gold lace	piece	50	0	0
3½ Yards of black and silver lace ...	... „	14	0	0
3 Yards of black silk and gold lace ...	... „	15	0	0
1 White lace tie	...	9	0	0
1 Do. lace parasol cover	...	20	0	0
1 Do. V body collar ...	Rs. 4-0-0 and	5	8	0
1 Do. square body collar	...	6	0	0
Gold collar and cuffs	...	25	0	0
Gold and white pomegranite spray ...	...	8	0	0
2 Butterflies, gold and white, at Rs. 3 each	...	6	0	0
1 White honiton lace butterfly	...	1	8	0
White tie	...	4	0	0
Do.	...	6	0	0
Handkerchief border (honiton) ...	...	8	0	0
6 Yards of lace at Re. 1-8 per yard ...	...	9	0	0

TANJORE.

(*Procured through M. R. Ry. Gopalakrishna Pillay Avergal, Secretary, Tanjore Local Committee.*)

	Rs.	A.	P.
1 Embroidered garland	10	0	0
1 Do. bouquet	5	0	0

(*Exhibited by V. Ry. Krishnasawmi Sahib of the Tanjore Family. On loan.*)

1 Embroidered garland.

(*Exhibited by His Highness the Maharajah of Travancore, being work produced by Native Christian women of the Nagercoil London Missionary Society.*)

	Rs.	A.	P.
2 Yards of gold lace	16	0	0
1 Gold scarf	20	8	0
1 Do. collar	15	8	0

	Rs.	A.	P.
2 Yards of black and gold lace	31	0	0
1 Silver fichu	25	8	0
2 Yards of gold lace	21	0	0
1½ Do. of white thread lace	12	12	0
2 Do. of wreath pattern lace	30	8	0
Pieces of Nagercoil do. ... Rs. 5-0-0 to	11	8	0
4 Do. of do. gold do.	31	0	0
4 Do. of gold and silver lace	28	0	0
4 Do. of do. do.	43	0	0
1½ Do. of gold lace	15	8	0
4 Do. of silver do.	25	0	0
2¾ Do. of gold do.	21	8	0
1½ Do. of silver do.	12	8	0

FROM THE NEYOOR MISSION DISTRICT, SOUTH TRAVANCORE.

Neyoor embroidery, consisting of—	Rs.	A.	P.
1 Robe, body, and sleeves, complete	35	8	0
2 Handkerchiefs	10	8	0

(Exhibited by Rev. W. Lee, London Missionary Society, Nagercoil. For sale.)

	Rs.	A.	P.
Pieces of Nagercoil lace ... ... Rs. 3-8-0 to	15	8	0
3 Handkerchiefs, each ... ... Rs. 7-8-0 to	5	8	0

(Belonging to the estate of the Ramand Zemindari, Madura District, and permitted to be sent as a loan exhibit by the Court of Wards, Madras.)

1 Piece of gold lacing for a belt, with gold badge.

CLASS XLVI.—APPAREL AND HABERDASHERY.

(Worked at the Hobart School for Mussalman Girls, Madras, and procured through Mrs. Carmichael.)

	Rs.	A	P.
1 Blue "*pashmia*" dress, embroidered with real gold and silk	130	0	0
1 Brown "*pashmia*" border, embroidered with gold and silk	30	0	0
1 Kunjivaram white silk dress, embroidered	92	4	0
1 Kunjivaram white silk sash, embroidered with gold ...	15	0	0
1 Black net dress, embroidered with gold and beetle's wings	60	0	0
1 Black net dress, plain	60	0	0
1 White do. do.	60	0	0
2 Table-cloths ... ... each	12	0	0

(Purchased locally.)

1 Black net dress, embroidered in silk	15	0	0
1 White do. do. silver lace	25	0	0
1 Black do. do. gold and beetle wings ...	25	0	0
2 Table-cloths ... ... each	8	0	0

FROM TANJORE DISTRICT.

(Procured through M. R. Ry. Gopala Krishna Pillay Avergal, Honorary Secretary, Tanjore Local Committee, and exhibited by Rajah Serfoji of the Tanjore Family; on loan.)

1 Velvet coat with gold embroidered border.

CLASS XLVIII.—HATS AND CAPS.

FROM KIMEDI, GANJAM DISTRICT.

(Procured through the Ganjam Local Committee.)

	Rs.	A.	P.
2 hats, Black ... ... each	0	12	0
2 Do., white ... ... ,,	0	12	0

FROM TANJORE DISTRICT.

(Procured through M. R. Ry. Gopala Krishna Pillay Avergal, Secretary, Tanjore Local Committee, and exhibited on loan by Rajah Serfoji of the Tanjore Family.)

1 Embroidered turban (*Gunda*).			
1 Do. do. (*Chakkiri*).			
Gold embroidered caps, ... Rs. 8 to	25	0	0
1 Silk embroidered cap, ...	6	0	0

CLASS L.—JEWELRY.

(Exhibited by His Highness the Maharajah of Travancore, and executed by his artists.)

	Rs.	A.	P.
Gold earrings ... ... Rs. 8-5-0 to	17	2	6
Do. tiger-claw brooch	12	5	6
Do. armadillo do.	18	4	6
Do. filagree cocoanut-shell charm	8	0	0
Do. earrings with drops	18	8	0
Silver bracelet	15	13	0
Do. filagree bracelet	12	8	0
Do. "*Kalanji*" flower bracelet	10	10	0
Do. "*Erukkam*" (*Calotropis gigantea*) flower bracelet ...	6	14	0
Do. bracelet	12	10	3
Do. "*Nagathali*" brooch	7	4	0
"*Nagathali*" silver earrings	2	6	1
Silver earrings, copy of young plantain spike	5	0	0
Do. brooch with 3 leaves and 5 drops	4	12	3
Do. with 8 flower drops	9	15	6
Do. "*Pavakai*" brooch	4	13	0
Do. peacock do.	4	6	3
Do. tiger-claw do.	5	3	0
Do. pagoda drum do.	9	14	0
Do. cocoanut do.	4	5	0
Do. cashew-fruit do.	3	5	9
Do. "*Erukkam*" (*Calotropis gigantea*) hair-pins, each	6	12	6
Do. plantain-bunch brooch	2	0	9
Do. silver tiger-claw locket	9	5	0

		Rs.	A.	P.
(Executed by Jeweller Gopal Jenarthen of Quilon.)				
1 "*Chukram*" necklace		17	0	0
Ditto bracelet		6	8	0
Filagree do.		14	12	0
Butterfly bracelet or necklace		11	0	0
Ditto bracelets		15	0	0
Cross		5	8	0
Butterfly brooch		3	8	0
Globe earrings		3	8	0
Butterfly do.		3	8	0
Flower do.		3	8	0
Brooch with 4 pendants		7	0	0
Silver "*Rudratshum*" necklace	each	11	0	0
Do. ditto bracelets	"	11	0	0
Do. snake necklaces	"	13	0	0
Do. "*Chukram*" necklace		13	0	0
Do. snake bracelets		13	0	0
Do. hair-pins	each	3	8	0
Do. brooches	"	7	0	0
Do. brooch with 3 pendants		8	8	0
Do. do. 5 do.		8	8	0
Do. do. elephant muster		3	8	0
Do. do. with cross bar		3	8	0
Do. do. butterfly pattern		4	8	0
Pair filagree rose and butterfly bracelets		15	0	0
"*Chukram*" bracelets	each	15	0	0
Pair star bracelets		13	0	0
Rose and butterfly necklaces	each	12	0	0
Chukram necklaces with cross	"	17	0	0
Earrings	"	3	8	0
Rose pattern necklace		15	0	0
(Executed by Jeweller Moothoo of Trivandrum.)				
Diamond-cut pattern bracelet		11	0	0
(Executed by Jeweller Gopal Janarthen of Quilon.)				
1 Silver palankeen brooch		6	8	0
1 Do. lotus brooch		6	8	0
1 Do. necklace of jungle almond seeds		20	0	0
1 Pair silver bracelets of ditto		14	8	0
1 Ditto earrings of ditto		4	8	0
1 Silver locket of ditto		3	8	0
1 Pair silver earrings set with "Munjaadi" seeds		3	8	0

(Lent by the Government of His Highness the Maharajah of Travancore.)

Neck ornaments, gold—

"*Kundasharum.*"
"*Arumboomoney Korva.*"
"*Koombalathaali Korva.*"
"*Oolkettoo.*"
"*Nagapathaali Korva.*"
"*Elachathaali Korva.*"
"*Paalachoo Korva.*"

"*Sharopali.*"
"*Koovalathaali Korva.*"
"*Gnaali.*"

Ear ornaments, gold—

"*Koondalum.*"
Ditto.
"*Koppoo.*"
"*Saatha kaadilathoo.*"
"*Thuckah.*"
"*Saatha Thuckah.*"

Wrist ornaments, gold—

"*Moodookoo.*"
Ditto.

Ring, gold—

"*Paatha mothirum.*"
"*Naga kuttoo mothirum.*"
1 Gold ornament, "*Chungoochackrum.*"
1 Do. do. "*Arakolel.*"
1 Do. do. "*Aravada Korva.*"
1 Do. do. "*Chitah's teeth.*"
1 Do. leg ornament "*Thottipatha sharam.*"
1 Do. neck do. "*Saatha Naagapadathaali Korva.*"

(Exhibited by Pulicat Ramasawmy Chetty. For sale and open to an offer.)

	Rs.
1 Pair of *gold armlets*, commonly known as *vankis*, said to contain 318 flat brilliants, 208 Europe cut diamonds, 282 rubies, and 76 emeralds; the tikas having 14 false pearls for drops, and said to weigh 214½ pagodas' weight	15,000
1 Pair of *gold armlets*, commonly called "*bajubund*," said to contain 202 Europe cut diamonds, and to weigh 70½ pagodas' weight	8,000

(Jewellery belonging to the estate of the Ramnad Zemindary, and permitted to be sent as loan exhibits by the Court of Wards, Madras.)

1 Pair large diamond ear-rings.
1 Do. *bajubands* set with rubies.

(Exhibited by Muhammad Mahmud Khan Bahadur, Madras. For sale.)

	Rs.	A.	P.
1 Silver filagree necklace	.....		
1 Pair silver filagree earrings	.....		
1 Do. do. brooch in two pieces, the set	31	8	0
1 Gold ring with looking glass	35	0	0

(Peasant Jewellery used in Madras and procured in the local bazaar.)

For the head—

	Rs.	A.	P.
1 "*Thiruvu Jadabillai*," worn on the back of the head.			
5 "*Jadabillais*" of sizes, worn on the crown of the head	1	3	0

	Rs.	A.	P.
For the ear—			
1 Set "*Satha Koppu*," worn on the top of the ear.			
1 Set "*Kathripal*," worn next to the above.			
2 Sets "*Mooroogoo*," ditto.			
1 Set "*Birada Kummal*," worn on the lower lobe of the ear.			
1 Set "*Satha Kummal*," worn as above	0	1	0
For the nose—			
2 "*Mookoothis*," worn generally on the left nostril.			
For the neck—			
1 Necklace *Addigai*.			
1 Neck ornament "*Thali*" or the Hindu marriage token ...	0	0	6
For the wrist—			
Brass bangles ... ... each Rs.	0	2	0 to 5 0 0
Glass do. ... ... " "	0	0	9 to 0 2 0
Lac do. ornamented with tinsel " "	0	0	9 to 0 0 0
For the fingers—			
4 Rings for the little finger.			
6 Ditto ring finger.			
For the toes—			
4 Sets toe-rings, "Godagu mettu."			
2 Ditto, "Ooroondai mettu."			
4 Ring "*Pili*."			
1 Set of trinket in brass, consisting of bangles, ear and tooth-picks and a snuff-box in twisted wire	1	9	0
1 collection of glass beads used for various ornamental purposes.			

CLASS LII.—OBJECTS NOT SPECIFIED.

(Exhibited on loan by Muhammad Mahmud Khan Bahadur, Madras.)

1 Fan.

FROM NORTH ARCOT DISTRICT.

(Exhibited on loan by the Tahsildar of the Punganur Estate, North Arcot District.)

1 Fancy snuff-box.

SECTION G.—MACHINERY AND IMPLEMENTS, MEANS OF TRANSPORTS, &c.

CLASS LXXXVII.—ARTILLERY, ARMS, &c.

(Exhibited by M. Veerasawmy Achary, Chingleput.)

	Rs.	A.	P.
1 24-barrel gun	600	0	0

SECTION K.—ETHNOLOGY.

Coorgs.—The district of Coorg lies to the west of Mysore, and touches with its other boundaries the Madras collectorates of Malabar and South Canara. A full and admirable description of the little kingdom and its people will be found in Mr. L. Rice's *Gazetteer of Mysore and Coorg*, Vol. III.

APPAREL, &c., OF THE COORGS.

(Procured through J. W. Hill, Esq., Commissioner of Coorg.)

CLOTHING—	Rs.	A.	P.
For men—			
1 Turban made at Bangalore	18	0	0
1 Coat (*Kupsa*), worn extending above the ankle, with short sleeves at the elbow	20	0	0
1 Blue coat worn by poorer classes and their servants ...	3	0	0
1 White shirt (*Kamchi*), worn underneath their long-cloth coat, the sleeves being seen	2	4	0
1 Red silk sash made at Bangalore, worn round the waist with the tassels falling on the left side	52	0	0
1 Common blue sash worn by poorer classes, from Seringada in Coorg	3	0	0
1 Red ditto ditto ditto ...	5	0	0
1 Small silk handkerchief made at Madura, worn by married Coorgs over the shoulder	1	12	0
1 Pair short drawers.			
For women—			
1 Cloth (*sari*) made at Madura, and worn ordinarily by Coorg women	19	0	0
1 Petticoat (*Lunga*), worn under the cloth (*sari*) ...	1	8	0
1 Bodice	1	0	0
1 Red silk handkerchief, worn on festive occasions, made at Bangalore	4	12	0
1 Embroidered handkerchief, worn fitting close to the head, with a flap falling below the waist	2	0	0
1 Embroidered handkerchief, worn suspended from the cloth on the right side of the waist	1	8	0
ARMS—			
1 Coorg knife (*Pitchan-katti*), mounted with silver and gold, with thick silver chain	120	0	0
1 Broad short sword (*Ud katti*), worn in the frog sheath at the back, through which it is passed; was used originally as a war knife, but now chiefly to cut plantain trees and kill pigs at weddings	10	0	0
1 Sword belt	120	0	0

Todas, Todahs, Todars, or *Todawars* are a handsome tribe, apparently of Aryan descent, who inhabit the upper heights of the Nilgiris and live as herdsmen. A full description of them will be found in Mr. H. B. Grigg's *Nilgiri District Manual.*

THE TODAS OF THE NILGIRIS, THEIR ORNAMENTS, &c.

(Procured through F. Brandt, Esq., C.S., Collector of the Nilgiris.)

JEWELRY—

For the neck—
1 String and bead necklace worn by women.
1 Silver pendant worn by women.

For the arm—
1 Pair bronze armlets worn by women.
1 Cord armlet ditto.

For the wrist—
1 Iron bracelet worn by women.

(Procured through Mrs. S. Carmichael.)

	Rs.	A.	P.
CLOTHING—			
2 Toda women's cloths, with the raw material ... each	10	0	0
JEWELRY—			
For the ears—			
1 Pair silver carrings, "*Kaftharіath,*" worn by women ...	7	0	0
For the neck—			
1 Silver necklace, "*Kevilth,*" made by Kotas and worn generally by Toda women	35	0	0
1 Silver chain, "*Bilthagar,*" made by Kotas and worn by Toda women	3	8	0
1 Necklace, "*Ketchwad Nerballi,*" of beads and cowries, worn by Toda women	0	4	0
For the wrist—			
2 Silver bracelets, "*Bill vall,*" worn by women on the right wrist ... ... each	0	10	0
1 Pair iron bracelets, "*Hibball,*" worn on the left wrist ...	1	8	0
For the arm—			
1 Pair brass armlets, "*Tolwadi,*" worn by women above the elbow	12	0	0
For the fingers—			
1 Silver ring. "*Pittah,*" worn by men and women on the small finger	2	8	0
4 Iron rings, "*Hebbu,*" worn by men and women on the first finger of the left hand	0	4	0
1 Silver coin ring worn by men and women	1	8	0
For the wrist—			
1 Black and white cotton girdle, "*Pennar*"	0	4	0
1 Brass girdle, "*Thaggar*"	1	8	0
HOUSEHOLD UTENSILS—			
1 Bell-metal dish, "*Tharigg*"	3	0	0
3 Baskets to hold grain. "*Mekarie*"	1	0	0
1 Set fire sticks, "*Nerzh*"	.....		
1 Ladle	0	1	0
1 Bamboo drinking-vessel, "*Wak*"	0	1	0
1 Cocoanut-shell ditto, "*Tegh*"	0	1	0
1 Wooden implement for stirring rice	0	4	0
1 Rattan milk churn.			
MUSICAL INSTRUMENTS—			
1 Flute, "*Buggare*"	0	8	0
IMPLEMENTS OF THE CHASE—			
1 Bow and arrow.			
GAMES—			
Sticks and cat used in the game called "*Itala.*"			
ARTICLES USED AT FUNERALS—			
1 Long pole carried before a corpse	1	0	0
1 Club used in massacring the buffalo at a green funeral ...	2	0	0
1 Cotton bracelet, "*Kythoodivari,*" tied round the elbow of a female corpse	0	4	0

	Rs.	A.	P.
MISCELLANEOUS—			
1 Silver box, "*Tharp,*" for carrying small gold coins, with coins inside	5	8	0
1 Rattan box, "*Patti,*" covered with cloth and cotton and ornamented with cowries	1	8	0
2 Purses ... ... each	0	12	0

The *Kaders* inhabit the Anaimalai hills in the Coimbatore district, and from their great familiarity with the habits of the wild beasts of their native forests, they can track them with as great facility as a dog. They are small in stature, and have a somewhat Negroid type of face, and curly hair, which they tie in a knot behind. They file the four front teeth in their upper jaw to a point as a marriage ceremony. They are useful and reliable as guides, but will not undertake any manual labor or carry loads. They live chiefly by collecting jungle produce and exchanging it for rice and tobacco. Although living constantly in very unhealthy tracts, they do not, so long as they remain there, appear to suffer much from fever; but when brought to the plains, and especially if confined in jail, they get severe attacks of ague and other complaints, the results of malarial poisoning.

APPAREL, JEWELRY, &C., OF THE KADERS OF THE ANAIMALAIS, COIMBATORE DISTRICT.

Jewellery.

For the head—
- 7 Brass chains for the hair.
- 2 Combs.

For the nose—
- 4 Nose-rings.

For the ears—
- Brass earrings.
- Lead do.
- Bark do.

For the neck—
- 5 Brass collars.
- 18 Bead chains.
- 1 Brass chain.

For the arm—
- Brass armlets.

For the wrist—
- 83 Bangles of various qualities and sizes.
- 12 Brass bangles.

For the fingers—
- 6 Rings.
- Seal rings.
- 2 Signet rings.

For the legs—
- Leg ornament of small brass bells.
- Toe rings.

Cooking and Domestic Utensils.

- 2 Sieves.
- 2 Large ladles of bamboo.
- 2 Small ditto.
- 2 Rice dishes of bamboo.
- 1 Water-pot of do.

Musical Instruments.

- 2 Drums.
- 1 Bugle.

Toys.

- 1 Top.
- 2 Fiddles.
- 8 Seeds of *Entada scandens* for playing a sort of hopscotch.

Miscellaneous.

- 4 Bows and arrows.
- 2 Yam diggers.
- 1 Sling.

Fishing appliances—
- 1 Fishing rod and line.
- 1 Fishing basket.

Models of dwellings—
- 1 Hut for the rainy season.
- 1 Ditto dry weather.

Lumbadies, called also *Gohur*, *Brinjaris*, and *Banjari*, are a migratory people found all over India, from the Himalaya to Cape Comorin, and have the same physical characteristics, habits, and occupation in all parts of the country. They formerly were, and still are to some extent, the great grain carriers, transporting rice, &c., to the coast, and returning with salt; but the extension of roads and railways has to a considerable extent deprived them of their avocation. The following valuable information regarding them has been contributed by Mr. Macartney, Agent to the Rajah of Sandur, and by the Tahsildar of Harpanahalli through the Collector of Bellary:—

Note on the manners and customs of the Lumbadies.—The race of Lumbadies or Brinjaries as they are often called, is found in all parts of India. As they bear some points of resemblance to the gipsy tribes scattered over Europe, it would be interesting to know whether they both have a common origin. Though nomadic in their habits, the Lumbadies are not averse to forming permanent settlements wherever they can obtain the kind of employment which suits them. The men are less industrious than the women, but make faithful and trustworthy servants, and there is a strong feeling of clanship among them, which respectable natives of other castes rely upon as a safeguard against depredations from the tribe where one of their number is regularly employed. The men are employed in many parts of the country in the carriage of grain on pack-bullocks, and the women supply neighbouring markets with wood, grass, and other jungle products. The rapid extension of railways throughout India of late years has tended to restrict the favourite occupation of the men, and the spread of forest conservancy that of the women, and thus the Lumbadies will be forced more and more to avail themselves of agriculture or other manual employments for an honest livelihood. The men are tall and muscular. Their features are regular, and exhibit decidedly more force of character than those of the ordinary Hindu. It is to be expected that such a race so situated will be more or less addicted to lawlessness, and that such is the fact the records of our courts will abundantly testify, though there is reason to believe that the action of a strong government has done much in the way of repressing this tendency to crime.

The women, while young, are generally good-looking. They have an innate love of finery, and affect in their dress a variety of bright colors, which they embroider at great cost of time and labour. Their dress consists of a petticoat of a pattern worn only by them, gathered into a broad elaborately worked band, and tied by a variegated cord, the long ends of which are ornamented with cowries and hang down by the side. The breast and shoulders are well covered by a kind of bodice, which, strange to say, does not extend over the back. This bodice is pieced up with a variety of patterns and colors, and the shoulder bands are richly worked. The culmination of the dress consists of a bordered cloth drawn over the head, and covering the back and shoulders. Their arms and legs are literally covered with wooden, brass, or ivory bangles, and their fingers and toes with heavy rings. They wear also a profusion of beads round their necks, and the upper front locks of their hair on either side are adorned with heavy pendants. It is worthy of remark, however, that this extravagance of ornament is permitted to their married women only. The unmarried must wear much plainer clothing. They are not allowed to embroider their dress, nor to wear pendants from their hair, nor any bangles above the elbow, and further to distinguish them, they must have a string of black beads round the right ankle.

The Lumbadies are divided into two main tribes, and these again into several families, as follows:—

Zats.	*Bhookyas.*
(1) Wodatiya.	(1) Khōlā.
(2) Moodu.	(2) Pātalōte.
(3) Wākadōte.	(3) Rumāwat.
(4) Bānōte.	(4) Khelāwat.
(5) Amgōte.	(5) Dhagāwat.
(6) Vislawāt.	(6) Lenāwat.
	(7) Khernasōte.

Neither of those groups of families can intermarry. A Zāt must marry into one or other of the families of the Bhookyas, and a Bhookya into one or other of those of the Zāts. The children of such marriages are reckoned as Zāts or Bhookyas according as the father is a Zāt or Bhookya. Marriage between cousins is in no case permitted. A man may have more wives than one, but he is prohibited from taking a second, except when his wife brings him no male issue. In such case he may marry his wife's sister, even during the lifetime of the former. To be in a position to marry at all, he is required to be able to give as dowry to the parents of the bride at least forty rupees in cash and four bullocks. If unable to do this, he may, notwithstanding, be permitted to marry her on his entering into an engagement to serve his father-in-law or mother-in-law for such period as may be agreed upon to make up the deficiency. A younger brother may marry the widow of his elder brother if she consents thereto, but the reverse of this rule does not hold good, the idea being that the elder brother is regarded as a father or protector to the family. The re-marriage of widows generally is fully acknowledged.

If a woman be found guilty of adultery with a man of any other caste, she is tied up to a post, whipped, and finally excommunicated. The man who brings any woman of another caste into the community is excluded from familiar intercourse, and the children of such a connection are not admitted to the privileges of the caste until the third generation.

Adultery within the caste with man's wife is punished, as regards the man, by compelling him to take the women as his wife, to pay to the injured husband the full expenses of his marriage, and a fine, in addition, to the chief who adjudicates the case; as regards the woman, by requiring her to restore all the dresses and ornaments which her husband may have bestowed, and henceforth to become the wife of her paramour. Proved incompatibility between husband and wife is recognised as a cause of divorce, but whoever afterwards marries the divorcee must make good to her former husband the expenses incurred on his marriage. Among the Lumbadies settled here is a case illustrative of this practice: the present husband of the divorcee had to pay Rs. 125 to her former husband before he could marry her.

Betrothals, as among the Hindus everywhere, usually occur at an early age, but there is no age or period of life at which a female may not marry. The ceremony of betrothal is performed in the presence of the chief of the tribe. After distributing sugar and jaggery among the guests, and observing some other peculiar customs, the bride's party advance and throw a yellow powder, extracted from the flowers of the *Butea frondosa*, over the bridegroom and his relatives, and the ceremonial is complete, after which neither of the parties can withdraw from the engagement without incurring a considerable pecuniary penalty. On the coming of age of the bride, the final ceremony is carried out in the presence of a Brahmin as officiating priest, if this is practicable; otherwise, the chief of the tribe officiates.

The settlements of the Lumbadies usually comprise from thirty to seventy, or even more, thatched houses. Each settlement is called a *tandah*, and is presided over by a naik, whose office is hereditary and to whom all disputes, whether civil or criminal, are referred for disposal. So complete is this *imperium in imperio*, that recourse is seldom had to our courts in cases where both parties are Lumbadies. The man who ventures to resist the decision of the naik, or who solicits the intervention of any of the ordinary courts, is forthwith relentlessly expelled from the tribe, and as he cannot be received into any other without a recommendation from his naik, he is *de facto* excommunicated from the caste. The naik's emoluments are fees on special occasions and fines in certain cases.

Property is divided equally among sons, but a surviving widow has a claim to maintenance so long as she chooses to remain unmarried. Should there be no children, the widow has a life-interest in the property of her deceased husband. Daughters cannot inherit, but must be supported until they can earn their own living, or until they are provided for by marriage.

The language of this singular people seems to be a corrupt Hindustani Probably there is a considerable mixture of *patois* and *slang*. Whether it is based on an original language I do not profess to be competent to determine.

When meeting each other on a journey they mutually salute by saying "*Ram! Ram!*" but without raising the hands to the forehead as in the ordinary form of *salaaming*.

The birth of a son is celebrated by rejoicings; that of a daughter is not noticed. The reason assigned for this distinction is that a son is regarded as permanently attached to the family while the daughter will in all probability be alienated from it by marriage.

The Lumbadies recognise the authority of a grand *guru* or chief, who visits each *tandah* every eight or ten years, when he levies a contribution of one rupee or more, according to the circumstances of the family, from each house.

They worship principally Balaji or Vencataramana, but also Hanuman, Krishnaji, and other Hindu deities. They sacrifice goats and sheep, but never buffaloes, to the female deities—Mariammah, Durammah, Tooljammah, Kali, and Inglammah.

They eat the flesh of sheep, goats, pigs, fowls, hares, and deer, but are prohibited that of the ox. The women are not allowed to chew betel-leaf and areca-nut, excepting for three days during the performance of marriage ceremonies, nor are they permitted the use of intoxicating. Their principal festivals are Holi, Theej, Dussera, and Deepavali. During the first two of these the women dress in their best and go about from house to house, where they sing and dance in a circle with a swaying motion, holding in each hand a short dried piece of bamboo with which they strike time.

On the death of any of their tribe, the corpse, if that of a married person, is burnt; if that of a child or unmarried person, it is buried. This singular deviation in their practice has probably originated in some notion of greater purity and innocence in the one case than in the other. As soon as the cremation of the head of a family is over, the pendants from the forehead and all the bangles above the elbow of the new widow are removed. On the third evening after the burning of the body they visit the spot and pour the milk of goats over the ashes, and on the following morning return to examine what animal has there left its foot-marks, and thus determine into what form of life the soul of the departed has transmigrated.

This sketch, though meagre and confessedly incomplete, may still serve as a basis for further investigation. I believe the facts as here stated to be reliable, as I have had most of them from two original and independent sources.

Arzi of Kandi Venkoba Row, Tahsildar of Harpanahalli, to the Head Assistant Collector of Bellary, dated 6th September 1883, *No.* 326.

In accordance with order No. 158, dated the 22nd ultimo, I have sent by a special messenger articles obtained from the Lumbadies of my taluk, with a list showing their prices.

The Lumbadies have no articles of warfare, snares, or traps peculiar to them.

I have not sent cooking utensils, drinking chembus, and churning staffs belonging to these people, as they are of the same pattern as are ordinarily found in all (Hindu) households.

No musical instruments and fishing appliances are forthcoming.

The Lumbadies ordinarily live in huts made of cocoanut twigs, castor-plant stalks, date sticks, mats, and the Boda grass. I have not sent these materials, thinking that they will be of no use.

The Lumbadies marry girls who have arrived at maturity, but not those who are young. A Lumbady will not marry his younger brother's widow, though there is no objection to his marrying his elder brother's widow. He will not, however, marry if his own wife is alive.

A Lumbady bride should be supplied by her mother's family with all apparel and jewelry. The bridegroom does not provide them, but gives the bride ten ivory armlets. These latter cannot be had for less than twenty rupees. If the bride's family is unable to provide her with the apparel and other articles as aforesaid, the bridegroom deducts from the prescribed marriage fee of forty rupees the value of the apparel, and pays the balance to the bride's family. After wedding the bridegroom is presented with a bullock, a sack, and a pack-saddle. It is a rule that the bridegroom should give the parents of the bride four bullocks, one pack saddle, one sack, and forty rupees in cash. As amongst Hindus and other high caste people, the parents of a Lumbady girl should find her a husband and settle her marriage. Young people are not at liberty to choose their mates. After the village priest examines the names and birth-signs of the would-be bride and bridegroom, in order to ascertain whether there is a happy agreement between the stars under which they were born, the ceremony of betrothal is performed, the expenses thereof being borne equally by both the parties to the marriage. The bridegroom's relatives, as well as the other members of his clan (*tandah*), follow the bridegroom to the place where the bride's father's clan is settled. Both the clans then drink toddy and arrack at their own expense, and distribute jaggery at about one seer a head. The *pinna-paddalu* of the clan (men at the head of a caste) are included in the distribution. Then, at the sole expense of the bridegoom, betel-leaf and areca-nut should be distributed to all the members of the clans. The fee of forty rupees is a settled item of expenditure in every marriage, be the condition of the bridegroom what it may. After the distribution of betel-leaf and nut is over, the whole of this amount, or at least five rupees, is paid to the would-be bride's family. It is then that the date of the marriage is fixed. The marriage season is just before Venayaka-cheturdasi, Dassara and Nagula Chavati. On the day fixed for the wedding the bridegroom, accompanied by a single man, goes to the marriage. No more than two go to the marriage, though they may be ever so rich. Before the bridegroom enters the bride's house he has to pay another fee of two rupees. It is after payment of this fee that he is allowed ingress and not before. If the bride's family is rich, they detain the bridegroom in their house as long as they please, no matter how many months it is. They marry him on an auspicious day and hand over his wife to him. The bride's family should treat their clan on a new-moon day with *pulagam* (a mess made of rice, *dholl*, *ghi*, &c.) A beverage should be made of jaggery, bhang, poppy-seeds, pepper, cardamoms, and nutmeg. The bridegroom has to bear these expenses, and to pay that very day to the bride's family another fee of eleven rupees. Then all throw the beverage on the *pulagam* and eat it. It is on the third night that the wedding takes place. The wedding is performed in the night, and there is no custom of celebrating it during the day. Black grain and saffron are ground. *Gorantaku* (the leaves of a plant with which women dye their nails) is made into a paste. Both the powder and paste are mixed in water. With this composition the bodies of the bride and bridegroom are rubbed. On four sides water is placed in pots, to which are tied *jilladu* (*Asclepias gigantea*) twigs. The bridegroom is seated in the midst of these pots and the bride's mother bathes him. She then bathes the bride. Oil is not rubbed. After the bath is over a little ghi is rubbed on the head. Near to the aforesaid pots two pestles are planted, one to the east and the other to the west. The bridegroom places in the hand of the bride one rupee and an only areca-nut, holds her hand, and goes round the pestles seven times. The bride's mother follows them, and gives them seven times a pudding made of rice-flour and jaggery. They eat it. From the time the bride and bridegroom begin to bathe till the ceremony of going round the pestles is completed, the village priest (a Brahmin) performs *homum* (an offering by fire), gently burning the twigs of seven trees of different kinds, throwing into the fire castor-oil and sesamum seed and repeating prayers. With the *homum* the ceremonial to be performed that night is over. At this time none of the men of the clan are present, but all the women are there. Some of the women drag the village priest and make much game of him. The village priest, subjecting himself to such fun, gets only a fee of one and a quarter rupees and food and

nothing else. On the second day the same ceremony of bathing is repeated. Cold water only should be used during these two days. The bride and bridegroom will not touch warm water. Immediately after dawn on the third day warm water is poured into the above-mentioned pots, and is used in bathing as before. Meat is then eaten at the expense of the bridegroom, who, thereafter, takes away his wife to his own clan. According to his means, he gives his clan a treat.

The huts which these people (Lumbadies) inhabit are ordinarily very low. They are not provided with doors and door-frames, but a blind is placed against the entrance. The Lumbadies settle themselves on high ground far away from water. If any one or two grown-up persons in the clan die, the huts in the settlement are removed a few yards away lest any mishap should befall the clan. For each clan there is a chief or Reddi. All abide by his orders. Disparaging anybody is a serious fault among these people. The chief of the clan summons a punchayet, enquires, and levies from the delinquent a fine according to his means. If, after confessing his guilt, the delinquent begs that he may be excused, he is absolved from all blame. No one is pardoned unless he thus confesses. If the head of the clan dies, his son succeeds him, having a similar right as one has over a *Reddi mirasi*. The clan is not at liberty to choose its own chief. Since the bringing into use of country carts and the introduction lately of railways, the trade of the Lumbadies ceased. Selling firewood and going as coolies for agricultural and other work now form their principal professions. If any member of the clan goes out hunting and brings game home, all should partake of it. A fine is levied from the huntsman if he alone enjoys it. Meat is not cooked at home. It is prepared in a plain at a distance from home and eaten. They (Lumbadies) return home, concealing the pots in which meat was cooked. The pots are not brought home. Women do not eat meat unless they are old widows. Bachelors, however old they may be, are buried after death, but not burnt. The family in which death takes place goes into mourning for three days. On the fourth day they bathe and feed their caste-people. Thus ends their mourning.

The Lumbadies do not wash their bodies daily. They take a bath once in eight or ten days. After bath the women apply ghi to their hair and plait it.

Each woman provides herself with two petticoats and one upper garment for a year. The petticoats are washed once in fifteen or twenty days. The upper garment is never put in water. Those who desire cleanliness, wash their upper garments once a month.

THE LUMBADIES OF THE BELLARY DISTRICT, THEIR ORNAMENTS, CLOTHING, &c.

(*Procured through H. St. A. Goodrich, Esq., C S., Collector of Bellary.*)

CLOTHING—	Rs.	A.	P.
Female clothing for festive occasions—			
1 Pad to support the marriage pot on the head	2	0	0
1 "*Sourapukuppee*" of woollen strings and red tassels for the head	0	8	0
1 Veil of red cloth	6	0	0
1 Bridal bodice	1	8	0
1 Bag for the bride to carry her bangles in	1	8	0
1 Sewn petticoat	10	0	0
1 "*Gandyaloo*," black and red, hanging from the waist to the knees	3	0	0
1 Ditto decorated with cowries	1	0	0
1 Waistlet	1	0	0
1 Purse	0	12	0
1 "*Clatti*," adorned with cowries, for carrying bread in ...	1	0	0
1 Box decorated with cowries	0	4	0

	Rs.	A.	P.
Male clothing for festive occasions—			
1 Red turban	1	0	0
1 Belt	1	8	0
1 White coat	0	4	0
1 Betel-nut bag	1	0	0
Strings for the waist.			
Female clothing for daily use—			
1 Petticoat	2	0	0
1 Veil	1	0	0
1 Petticoat for girls	1	0	0
Male clothing for daily use—			
1 Pair trowsers...	1	0	0
2 Waist-strings...	1	8	0
1 Waist-string for boys	0	8	0
Jewelry.			
For the nose—			
1 "*Mookooputaka*"	0	8	0
For the neck—			
2 Brass "*Sarigas*," neck ornaments	1	8	0
1 "*Addika*"	0	8	0
1 Do. with bells	1	0	0
1 String of red beads	0	12	0
1 Ditto black do.	0	4	0
For the arm—			
1 "*Thayathi*"	0	4	0
Horn armlets...	0	2	0
1 Armlet	0	1	0
For the wrist—			
4 Brass bracelets	3	0	0
2 Ditto	1	0	0
2 "*Panchees*"	4	0	0
Small ivory bangles	0	6	0
1 Pair *Panchulu*	1	0	0
12 Deer-horn bangles	0	12	0
4 Bangles for girls	0	2	0
For the fingers—			
6 Rings	0	8	0
3 Ordinary rings	0	9	0
1 Seal ring			
1 Ring for little finger			
For the legs—			
1 Pair bells for the ankles	12	0	0
1 *Gaggiri* for the leg.			
Implements and Utensils.			
1 Piece of cloth to go under the grinding stone	1	0	0
2 Bits of wood for making twist	0	1	0
1 Apparatus for weaving gunnies	1	2	0
1 Flat wood for weaving tape.			

	Rs.	A.	P.
Miscellaneous.			
2 "*Basingamooloo*," or trinkets for the head of the bull that carries a bride and bridegroom	0	8	0

Mulcers, Malai Arasers, &c., consist of tribes inhabiting parts of the Palghat taluk of Malabar and some of the other jungles in the hill tracts lying between Tinnevelly and Travancore. They are said to be low in stature and pot-bellied, with small head, retreating forehead, flat nose, and long, tangled, black hair. The following interesting information regarding them has been furnished by Mr. V. A. Brodie, Assistant Collector:—

From V. A. BRODIE, Esq., Acting Head Assistant Collector, to the Collector of Malabar, dated Pálghat, 30th August 1883, *No.* 683.

I HAVE the honour to acknowledge the receipt, on the 20th, of your endorsement, dated 17th instant, No. 3372, on copy of a letter, dated 13th idem, No. 350E, from the Vice-President and Secretary of the Madras Committee, Calcutta International Exhibition, 1883, and to forward herewith a list of the articles of jewelry, musical instruments, cooking and domestic utensils, &c., in use amongst the Mulcers of the Pálghat Taluk. Of the several articles mentioned in this list, only Nos. 9, 11, 17, 31, 33, and 34 appear to be of any interest as illustrative of race peculiarities, for they alone are made by the Mulcers themselves. All the others are procured by purchase in the bazaars of the low country. I have, therefore, secured only the articles numbered as above. If you think all the articles mentioned in the list ought to be collected, I can easily do so on information from you, as the total price of all is only Rs. 7-3-2.

2. *Apparel.*—It is hardly necessary to allude to articles of apparel, as they are next to none. Children below 8 or 9 generally go stark naked, and adults never wear more than one cloth, which is never changed or washed till worn out. The females occasionally display a weakness for gaudy colors, such as red and yellow, &c., in their cloths.

3. *Ornaments.*—The women indulge in the use of ornaments, which are usually of brass, copper, or lead, and even sometimes made of wood or twisted grasses (*vide* accompanying list). The men wear no ornaments, except, in some instances, a metal bracelet on the right hand. None are manufactured by themselves, except the wooden and grass ones. Of late years a few silver ornaments have come into use amongst them. The list sufficiently describes the musical instruments they use.

4. *Warlike Weapons.*—The Mulcers do not appear to have ever been a warlike race, and their only weapons are bows and arrows and slings, by means of which they kill wild birds and small ground game. For the capture of pig, &c., and other larger game they have recourse to pitfall. Unlike the Wynaad hill tribes, &c., they do not seem to organize hunting parties, and it is curious that neither the net nor the spear appears to be in use amongst them. A very few have now obtained fire-arms.

5. With reference to clause 6 of paragraph 3 of Brigade-Surgeon Bidie's letter, I have not secured models of dwellings, as one could not be obtained, and, besides, the huts are in no way peculiar. They have only one room, of which the walls are split bamboos tied together and thinly plastered with mud to keep out wind and rain. Teak and other leaves are used for thatch. Some of the better sort have their rooms fitted up with sleeping couches of split bamboos, about four feet high, beneath which it is usual to keep a fire burning at nights during wet weather. On these bundles of grass and leaves are arranged like a mattress and a mat spread over all. They live in small villages on the skirts of the hills, or a short distance up them under the jurisdiction of a headman or *muppan* as he is called. Formerly they seem to have dwelt in caves and amongst the rocks, but this is never now the case.

6. *Social Customs, &c.*—Clause 8 of paragraph 3 regarding social customs, &c., of the Mulcers is a difficult one to deal with. There are altogether four castes of them—(1) Urulars, (2) Malayars, (3) Madukers, and (4) Iraval, of whom apparently the Urulars esteem themselves the highest. The two former castes dwell in the Walliar and Elival jungles, and the third and fourth in the Wadakancheri and Kollangode hills. In their customs they seem to have borrowed a little from the Hindus. Thus they observe pollution in the case of births, &c., and whilst they yield the path to Brahmans and Nayars, will not allow Cherumars or Nayadies to approach within about twenty-five yards of them on the ground of defilement. The Urular also will not touch food cooked by a Malayar, though the latter will eat food prepared by the former. Their language is a mixture of Malayalum and Tamil, but almost unintelligible to both Tamilians and Malayalies without previous acquaintance with them. They have no written character of their own, and without exception are unable to read or write any other. They are not migratory.

(*a*) *Habits.*—In their domestic habits they are very dirty, only putting on new cloths on certain festival days and never changing them till the next, by which time they are generally reduced to rags. Their hair is never cut or combed, and shaving is an unknown usage. Bathing is infrequent, and as they have neither tanks nor wells, they depend upon jungle streams for their water-supply, which must frequently be both scanty and unwholesome in the dry weather. As none know how to swim, they are very timid about fording their jungle streams during the monsoon. They are addicted to the chewing of betel and tobacco, and are immoderate in their use of intoxicating liquors. Indeed, if they possess any cash at all, it is almost certain to be invested in arrack and toddy immediately, and these liquors are commonly an article of barter for the forest produce they collect. Owing to their dirty habits and poor style of living, epidemics, such as cholera and small-pox, work fearful ravages amongst them when they break out. Lately I have heard that a whole village, numbering some thirty persons, near Wadakancheri, has been entirely exterminated by small-pox in a short space of time. Not one now remains to tell the story, and the huts are fast falling into decay.

(*b.*) *Marriage system.*—Females are given in marriage either before or after attaining the age of puberty, and the bride is selected, not by the bridegroom, but by his parents or nearest relatives. When a marriage is arranged, the bridegroom's parents go to the bride's house and there the mother of the bridegroom ties a *thali* (marriage token) consisting of some coloured stones arranged on string round the girl's neck. Within ten or twelve days at most the parents again go to the bride's house accompanied this time by their friends and relatives, and in the case of the wealthier ones with music and take away the bride after paying a sum, varying between 8 annas and 2 rupees, to the bride's father as her value, and giving a new cloth to her mother. At the house of the bridegroom's parents the marriage ceremony is completed by the bride and bridegroom eating together from the same dish in the presence of the parents and relatives. After this, the newly married couple set out together for the house which has been built for them in anticipation of the marriage by the bridegroom's parents, which they subsequently occupy as their own. When, however, the bridegroom is a youngest son, no separate house is put up for him. In that case the young couple take up their residence with the bridegroom's parents. The marriage feast expenses vary according to the circumstances of the parties, between Rs. 2 and 10. A man can have but one wife, but divorce is allowed, when both parties can remarry if the cause is not infidelity. If either party die, also, the survivor is at liberty to remarry. If in the case of a divorce there are children of the marriage, the father must take and maintain the boys and the mother the girls. Infidelity on the woman's side, if proved to the satisfaction of the assembled villagers, is punished with exclusion from the community, for a time at least, of both the offending parties, and the marriage is dissolved for ever, as no husband takes back his wife if divorced for this reason, and indeed she is seldom remarried.

(*c.*) *Burial ceremonies.*—They differ from the Hindu views of pollution by having none for the death of near relatives and parents. If the deceased was an adult, his body is burned; but if under thirteen, buried. In the case of those

who die of small-pox, the body is invariably buried. Everything used by the deceased, such as cloths, hatchet, walking-stick, betel-bag, &c., and even his cooking vessels, is buried or put in the fire with him. After the burial or cremation some boiled-rice, curry, &c., is placed on a leaf by the side of the grave or ashes; the mourners return home, and after smoking some perfumes and meditating upon the deceased for a short time, an oblation of warm water is poured upon the ground. This is the concluding ceremony, and requires to be accompanied by wailing and tears. During the next three days the bereaved house people keep open house for the entertainment of their relatives and friends, and on the occasion of the first new moon after the death, a stone dedicated to the memory of the deceased is placed inside the house, and liquor when procurable is served to all present. Their burning and burial places are always by the side of streams and in the heart of the jungle. Every year on the day of *Karkitaka sankaramon* (July) a ceremony is performed in memory of their deceased ancestors. On that day a fowl is killed, and some of its blood is sprinkled upon each of the stones that represent deceased ancestors. The flesh is then cut up and cooked, and a portion placed together with arrack or toddy before each stone. This ceremony is explained by the fact that they consider the spirits of the deceased remain in the house and enjoy the feast. They are, therefore, very particular in these observances, for they believe that if no stone is placed for a deceased, or if all honor is not paid to these stones, the spirit of the deceased will be angry and cause them to be destroyed by tigers or other wild animals. If a man be killed and the body not recovered and duly burned or buried, no honor is paid to his memory.

(*d.*) *Religious forms of thought.*—They can hardly be said to have any religion, as they have no idea of a heaven or hell, but they do believe in the immortality of the soul. The latter is, however, supposed to remain in the house, and must be paid every possible mark of respect, or its anger will result in the sudden destruction of the delinquent. They profess to worship Karuppaswami and Kannimar, but their representatives of these deities are merely stones or heaps of stones put up by themselves in the jungles, and these gods, though able to afflict them during their life, are not supposed to have any power of affecting their destiny after death. Their festival days are Deepavali, Thiruvathera, and Pongal. The chief of these is Thiruvathera. and on that day it is necessary to put on a new cloth and deck themselves out with such ornaments as they possess of the kinds shown in the accompanying list. They are supposed to visit a temple to Karuppaswami or Kannimar once a year, but merely as spectators, and are not allowed to approach very close. They are extremely superstitious and their belief in ghosts and fiends is strong. Each Mulcer believes, also, that both he and his neighbours have many spirits at their command, and consequently if one offend another, it is believed that bad health or even his life may be the penalty. Thus if a Mulcer discover a bees' nest in a tree he will first make a careful examination of the surroundings to see if one of his tribe has been there before him and left his work. If such a work be found, nothing will induce him to touch it for fear of the consequences that may result from the anger of his offended neighbour's spirits. They do not, however, believe that their spirits have any power over Europeans. To counteract the evil influences of demons and spirits, they resort to various ceremonies, of which noise appears to be the most essential element. Other customs and ceremonies are observed upon girls attaining the age of puberty at births, &c, but as they resemble those prevailing amongst the Hindus of this district, no detailed remarks seem to me to be necesary respecting them. They only differ in their greater strictness in such observances and the great length of time they suppose such pollution to last.

(*e.*) *Offences and punishments.*—In character they appear to be good-natured and inoffensive, and crimes of violence amongst themselves are either of very rare occurrence, or never reach the ears of the police and magistracy. As regards outsiders, however, the Kollangode Mulcers have earned for themselves a bad reputation for highway robbery, and occasionally infest the road between Kollangode and Polláachi to such an extent that travellers will only proceed along it in large bodies. All offences against one another are apparently disposed

of by their *mūppans* or headmen, and are punishable by fines, with the exception of the offence of adultery. For this offence, if established, both parties are put out of caste and never re-admitted theoretically, but practically, I believe, the offence is condoned after the lapse of some time. The fines imposed by the *mūppan* are apparently invariably paid, and those I questioned seemed quite surprised at the very notion that his orders should be disobeyed. Certainly, disobedience would be dangerous in the jungles, and backed up by the general consensus ot his tribe, a headman might apparently inflict even the penalty of death without much danger of the offence being detected and punished, and it is certainly curious that I have never known a Mulcer complaining to this court, or any other, unless pushed into court by his landlord for the latter's own ends.

(*f.*) *Civil Justice.*—All disputes of a civil nature are, of course, settled by the *mūppan*; but they cannot be many, as they have so little property. The same fact accounts for their having no settled rules of inheritance. The property which any Mulcer has acquired during his lifetime appears upon his death to pass into the possession of the other inmates of the house in which he died, but even sons living in other houses of their own would, I presume, get nothing. The post of headman or *mūppan* does not appear to be hereditary, but devolves upon the senior member of the community. Between themselves and the proprietor of the forests in which they dwell, the relation of master and slave seems never to have existed, as it did formerly between the landlords and Cherumars, but still the Mulcers are devoted to his service and his orders given through the *mūppan* are scrupulously obeyed. To the landlord they take the honey and cardamoms they may collect, receiving in exchange rice and cloths. Also the elephants caught by them in their pits are made over to the landlord who usually rewards a capture by a liberal distribution of liquor and rice, &c. At Vishoo and Onam it is the correct thing to pay the landlord a visit of ceremony, when they usually receive trifling presents.

Food, &c.—The Mulcers are all flesh-eaters, and all except the Urulars will eat beef. The Urulars, however, will not only not eat the flesh of cattle and goats, but do not use milk or touch cowdung. The only domesticated animals they usually possess are fowls, but some few now possess goats, which they secure at night in a kind of bamboo cage raised on posts to a height of about 8 feet from the ground, and as a further protection against tigers and panthers, a fire is invariably kept burning beneath. Their main food is *ragi* and *cholum*, which they get in exchange for the wild products of the forests they collect, or the produce of their own hill cultivation. Every day, however, they are taking to more settled pursuits, and now many get a regular allowance of rice, &c., from their *jenmies* for herding cattle, watching *kallams*, and even for doing manual labor in the fields. In times of scarcity several varieties of roots and fruits are eaten by them, some of which contain poisonous properties in their uncooked state. A list of these roots, &c., in vernacular is submitted herewith, but I am unable to give them their proper English or scientific names; the roots seem to be kinds of yams (*Dioscoreas*).

Occupations.—Formerly they seem to have depended almost entirely for their maintenance upon their success in the chase and in their search for articles possessing exchange value, such as honey, ivory, and cardamoms. To a small extent also they have always cultivated certain varieties of dry crops, such as rali (*Cynosurus coracanus*), avaray (*Dolichos labla*), and tonda (*ricinus palma Christi.*)

For this purpose they fell the jungle at the commencement of the dry weather, and burn it off in March and April. With the first monsoon thundershowers the seed is sown. They do not prepare the land by ploughing, but the seed is placed in shallow furrows made by drawing such a stick as article No. 31 in the list, sent herewith, along the ground. As it is impossible for them to protect their crops completely from the ravages of wild animals, their crops are usually poor. Every year they are, however, becoming more settled and civilized in their habits, and consequently their livelihood is becoming less precarrous. One or two have become forest watchers and receive regular pay;

many others have commenced to work in their landlords' fields, herd cattle or watch crops, for which they receive a regular allowance of rice. The balance of the men now find pretty regular employment as tree-cutters, and both men and women cut and collect firewood. Twenty years hence the collection of forest produce will, I imagine, be only a very minor occupation with them, and few will depend upon it for their maintenance, or even any considerable portion of it.

In conclusion, I have to express my regret that this report should be so sketchy and badly arranged, but I only yesterday got the Tahsildar's report which, by the way, contained very little information The shortness of the time at my disposal and the pressure of other work must be my excuse for any shortcomings.

"MALAI-ARASERS," OR HILL KINGS OF MADURA.

2 Caps made of the outer bark of *Antiaris saccidora.*
1 Mat made of ditto ditto ditto.
1 Basket to be slung on the back.
1 Arrow for killing animals,
2 Ditto birds.
1 Cow.

Cherumers, Parayers, Nayadys, and Mulcers.—The following notes on the other jungle tribes of the Malabar collectorate have been kindly furnished by Mr. A. C. Tate, Special Assistant Collector. The Mulcers have already been noticed in Mr. Brodie's paper.

From A. C. Tate, Esq., Acting Special Assistant Collector, to the Collector of Malabar, Calicut, dated Malapuram, 12th September 1883, *No.* 711.

IN forwarding the enclosed lists of the articles referred to in letter No. 350E, dated the 13th August last, from the Vice-President and Secretary, Madras Committee, Calcutta International Exhibition, 1883, copy of which was communicated to me with your endorsement No. 3372, under date the 17th idem, I have the honour to state as follows:—

The aborigines known in this division are—(*a*) Cherumers, (*b*) Parayers, (*c*) Nayadys, and (*d*) Mulcers.

(*a.*) *Cherumers.*—The Walawanad Tahsildar says that there are two classes among these people, viz. "Kanakka" and "Kutta." The Ernad Tahsildar makes no such distinction, and I presume that those residing in his taluk are all, or the majority of them, "Kanakka." He says that they are Hindus, and worship the gods adored by the higher classes. According to the Walawannad Tahsildar, the "Kutta" acknowledge only their ancestors, whom they worship on a fixed day once in the year. No permanent shrines are set apart for them. On the fixed day for the worship they appear to take four laterite stones to the foot of a tree and place them one over the other three. A quantity of beaten rice, some toddy and arrack are then placed around the stones. Placing a lighted wick over the articles, they are said to leave the place. They appear to do this in order to avoid being attacked by disease. The "Kanakka" sect is reported to especially worship snakes. A laterite stone in the shape of a cone, fixed on another square one, is placed in a grove of trees close to the huts of a family to represent the deity. They worship here on a fixed day once in the year. On the day preceding worship they appear to take only one meal, and also abstain from sensual pleasures. The next morning all bathe and go to the place, carrying with them some raw rice and a cocoanut. These are placed around the stones, together with some milk and ripe plaintains The worshippers then stand at a distance from the place, about sixteen feet, for some time. The rice and the cocoanut are then removed, and the ceremony terminates. In the evening, they take their meals only after leaving the food untouched for some time as if for the use of their ancestors. The dead of this race, if old, are burned; if young, are buried. The "Kutta" observe ten and the "Kanakka" fifteen days' death pollution. The Ernad Tahsildar says that

they feast their friends on the last day of the pollution, and perform a funeral ceremony (veli) for the salvation of the deceased. They are, as a rule, field labourers, and dependent for their maintenance on the landlords for whom they work. They are said to render all personal assistance towards each other, rejoice with their brethren when they are in prosperous circumstances, and condole with them when in adversity. Among the "Kutta," when a marriage is fixed, the parents of the bridegroom, accompanied by two of their friends, go to the proposed bride's house, carrying with them one rupee, one cloth, and a string of beads. They are there feasted. After taking their meals, the bridegroom's father gives the money to the bride's father. Her mother or another female relation of hers then gives her to the hands of her mother-in-law, who then dresses her in the new cloth and ties the string of beads around her neck. Afterwards they all depart with the girl. In case of a divorce the restoration of this money is insisted upon. There are some differences in the marriage customs of the other sect. The bridegroom attends the ceremony, and the uncles and not parents take prominent parts in the affair. On the appointment of the day for the marriage one rupee is paid to the uncle of the girl selected by the bridegroom's uncle. Two rupees is also paid to him on the marriage-day by the bridegroom, and he brings her away with him. Among the Cherumers in Ernad the bridegroom appears to feast his friends in his house on the seventh day after the marriage. The Tahsildar fixes their ages for marriage in respect of females at eight, and males fourteen. On the attainment of a girl's puberty, she is not allowed to associate with her relations and friends for three days. She is not allowed even to enter the house among the "Kutta" during the period. On the seventh day a feasting of friends takes place among the "Kanakka." They do not touch a female, or her attendant, during her confinement and for fifteen days after, while this restriction extends among the "Kutta" to twenty-eight days. At the end of the prescribed period the former sprinkle water, which they receive for the purpose from a Brahmin, on the females and in the house for their purification, while the latter do the same with the water taken from the well they daily use. The mother among the "Kutta" names the new child on the twenty-eighth day after its birth; among the other class, the Ernad Tahsildar says that this ceremony is performed on the ninetieth day by its maternal uncle or by some such relation, on its mother's side. On this occasion a feasting of the friends and relations also takes place. The Walawanad Tahsildar adds that during the ceremony of naming the child and its first feast in rice, meals are served on four plantain leaves, and a lighted wick and some toddy are placed over it as if for their ancestor's use.

(*b.*) *Parayers.*—The Ernad Tahsildar does not say anything of their customs. They chiefly reside in Walawanad. The people consider them necromancers. They appear to worship three deities of their own creation, two goddesses and a god. Two stones fixed to the earth in a shrine close to their habitations represent the two former; the other has no visible representation. Their worship consists in placing before these stones a quantity of raw rice in a plantain leaf, together with a cocoanut split into two parts. Subsequently a portion of the rice is removed, ground, and baked. This sweetmeat also forms part of the offerings. These are offered to the goddesses, while toddy, arrack, and prepared fowl are the things offered to the god. The offerings are then removed to their houses, kept for some time for their ancestors' use, and finally consumed by themselves. The bride is selected by the *karnavan* of the bridegroom. He goes to her house, and fixing a day for the marriage, pays eight annas to one of her relations as a pledge for the fulfilment of the contract. On the appointed day, the bridegroom, in company with his relations and friends, goes to the girl's house. In the temporary shed in front of the house erected for the occasion, four plantain leaves are spread, and some beaten rice and a cocoanut placed on each. This is intended to call the blessing on the couple of the god "Ganapati." The girl is then led out by one of the female attendants of the bridegroom, who dresses her in the new cloth which he has brought with him. Betel leaf and nuts are then distributed among the guests assembled, and he pays three or four rupees to one of her relations. The guests are then feasted and music played. They all remain there for two

days, and on the succeeding day the bridegroom and his party depart with the bride, attended by some of her relations, whom the bridegroom feasts for a day in his house. Their customs in confinements of their females are also peculiar. On the approach of the time of the delivery of a female, a temporary shed at a distance from the dwelling-house is erected for the purpose, and the confinement generally takes place there. If by accident the woman is confined in the house, it is subsequently burned. For fifteen days from the date of the confinement the mother and her attendant are considered under pollution, and those who approach them nearer than forty-four feet are also considered polluted and the further use of their present apparel is prohibited. The two females are not allowed to mess with others until the noon of the twenty-seventh day. The new child's naming by an adult member of the family and its first feast in rice take place on the following day, attended by a feast, to which their relations and friends are invited. The shed in question and the ornaments, if any, and the apparel of the two females are all destroyed when they are re-admitted to the house. When a girl attains her puberty, she cannot mingle with others for seven days, or for ten in case her relations wish to give a feast in honour of the event, when she, attended by not less than fourteen females, after bathing, enters the house in procession. The feast continues for two days. They observe fifteen days' death-pollution, and sons of the deceased perform funeral ceremonies for one year (Deksha), abstaining during the time from eating meat and fish, and also from shaving. At the end of the year, food is served in a leaf, and toddy and arrack placed over it. It is then kept for some time, as if for the use of the deceased. The man who performed the one year's ceremony then eats the meal, and drinks the liquor, and also gets himself shaved.

(*c.*) *Nayadys.*—They live high up on the hills and in secluded places in small huts and caves. They cannot frequent the country parts. When they cry out, standing at a great distance from the houses of the higher classes of the Hindus, the latter appear to give them something in the shape of rice and paddy, gratis or in exchange for small hemp ropes which they make. They appear to worship only their ancestors, to whom they offer cooked rice and toddy. A stone fixed at the foot of a tree represents them. They do so once in the year on a fixed day. They appear to marry when the couple are between ten and twenty years old. The Ernad Tahsildar says that their marriage ceremonies are very remarkable. The bride is placed in a shed erected in front of the hut. The bridegroom and an unmarried brother of his, if any, or one of his bachelor friends (who all stand outside of the shed, so covered as to prevent the girl's seeing them), thrust each through the covering a stick, one of which the girl is asked to catch. She becomes the wife of him whose stick she catches. When the girl attains puberty she is placed in a separate shed for nine days. The females are allowed to touch her during the period on penalty of a bath, but the males are subjected to the same penalty if they approach them ten or twelve feet. Confinements take place also in a separate shed, and fifteen days' birth-pollution is observed. The women are permitted to touch the mother after the fifteenth day, and the men can do so only on the twentieth day, when the child is first feasted and named. They are said to observe death-pollution for fifteen days. They do not perform any funeral ceremony. They sometimes feast their friends at the end of that period.

(*d.*) *Mulcers.*—They live in jungles and are jungle labourers. They worship a hill deity and their ancestors. They worship them on fixed days once in the year. This duty devolves on the *karnavan* of the family. They serve food on a plantain leaf, and remain for some time in contemplation, and subsequently consume it themselves. The bride is selected by the parents of the bridegroom. Four annas is paid to her father by the bridegroom at the time of the marriage. He brings her away with him. The girl on attaining her puberty is placed for four days in a separate hut. The females are permitted to touch her during the time. She cannot bathe during these days. Confinements also take place in huts, and birth-pollution is observed for twenty-eight days, after which the

child is named and first feasted in rice. The dead are buried. They observe death-pollution only for four days.

CHERUMERS, NAYADYS, &C., OF THE MALABAR DISTRICT.

(Procured through A. C. Tate, Esq., C.S., Special Assistant Collector.)

	Rs.	A.	P.
CLOTHING—			
For men—			
1 Cloth	0	2	0
1 Waist-cloth	0	1	0
For women—			
1 Cloth	0	8	0
For children—			
1 Cloth	0	1	0
1 Waist-cloth	0	0	5
ORNAMENTS—			
For men—			
2 Brass earrings	0	0	3
2 Finger rings	0	0	2
For women—			
25 Brass earrings	0	0	6
10 Strings of beads for necklace	0	13	0
10 Chank-shell rings for do.	0	2	0
4 Bangles of iron and brass	0	5	0
7 Finger rings of iron, brass, copper and chank shell	0	0	8
For children—			
1 Necklace of chank shells	0	1	0
4 Iron bangles	0	12	0
HOUSEHOLD UTENSILS—			
1 Pot for boiling rice	0	0	10
1 Chatty for cooking curry	0	0	3
1 Pot for keeping water	0	0	10
1 Pot suspender of coir rope	0	2	0
1 Bucket of the spathe of the areca palm	0	0	1
1 Winnow	0	0	10
1 Spade	0	7	0
1 Large knife	0	4	0
1 Small do.	0	2	6
1 Wooden stick	0	1	0
3 Baskets	0	6	0
1 Hatchet	0	10	0
1 Rope bag for carrying things about	0	6	0
1 Palm-leaf mat	0	1	0
1 Bamboo mat	0	2	0
FISHING APPLIANCES—			
3 Fish traps	0	5	6
2 Creels	0	3	0
MISCELLANEOUS—			
1 Umbrella hat	0	1	0
1 Sling	0	0	6
MUSICAL INSTRUMENTS—			
1 Small drum	0	10	0
1 Large do.	2	8	0
2 Flutes	0	2	0

(Received from Collector of Malabar.)

1 Toddy-drawer's knife.
1 Stile for writing on cadjan.
1 Do. with knife combined.
1 "*Cherra*" for scraping cocoanut.
1 Ditto ditto.
3 Water-buckets of areca leaf.
2 "*Kiviryjals*," baskets for carrying light things.
2 Cadjan umbrellas.
1 Umbrella hat.
2 Areca-leaf caps worn by Mali-kudis.
2 Ditto ditto Koragers.
2 Ditto ditto toddy-drawers.
3 Ditto ditto Bunts.
2 Ditto ditto Haliyer.
2 Ditto ditto Devadiger.
Ditto ditto Marihaliyer.

Khonds.—The people bearing this name live in tracts of the Eastern Ghat ranges stretching from the Godavari to the Mahanadi. As to their origin, they are evidently a remnant of the primitive population of the country, and their language is purely Indian, as it does not supply its deficiencies from Sanskrit. They are the owners and cultivators of the soil and hunters, and, although living in villages, do not practise any trade. According to Dr. Shortt,* they "have a well-formed globular head, with an expanded, and in some inclined to overhanging forehead, large and expressive eyes, wedge-shaped countenance, prominent molars, flat nose, wide open nostrils, thick lips and sharp chin, having a well covered black and coarse head of hair, with a scanty moustache and beard." They generally go bareheaded, the only covering of the males being a piece of cloth wrapped round the waist. The women have a short piece of cloth passed once or twice round the body, which does not reach below the middle of the thigh, and the bosom is uncovered. Their huts are wattle and daub thatched with grass. Villages are generally surrounded with a fence of plaited bamboo, and sometimes stockaded. They go armed with a *tangee* or axe, and sometimes carry bows and arrows. They were formerly addicted to human sacrifice, called the *meriah* rite. No instance of meriah has been known for some years, but there will always be the risk of its recurrence so long as the generation of sacrificing Khonds exists. They subsist chiefly on dholl and rice, and eat animals killed in the chase. The men are very partial to liquor, which they make from rice and the flowers of the *Bassia latifolia*. They are also very fond of tobacco, which they smoke in a kind of cigarette made of a rolled leaf filled with cut tobacco. They worship an earth-god, for whom there is a village shrine. Each village has its priest, who may not eat with laymen, but this restriction does not extend to liquor, of which he partakes freely at feasts. The Khond system of government is purely patriarchal, and the headman is capable of settling all quarrels in his own tribe; but when the feud affects different tribes, they are often carried on with great atrocity.

Some Khonds toys are also sent. The largest of the peg tops is placed upright, and from a distance of two or three yards the smaller ones are propelled to knock it down by placing them on the side of the stick that is the largest and smartly striking the other side of the stick.

I also send a wooden necklace and a grass one. All the above are made by Khonds of Limpada Muttah of Goomsur.

* Hill Ranges of Southern India, Part III, p. 12.

APPAREL, &c., OF THE KHONDS OF THE GOOMSUR MALIAHS, GANJAM DISTRICT

(Lent by C. H. Mounsey, Esq.)

CLOTHING—

One complete costume of a Goomsur Khond man consisting of—

	Rs.	A.	P.
1 Upper cloth	2	8	0
1 Waist do.	3	12	0
1 Red do.	0	6	0
1 Comb	0	0	6
Fastenings	1	0	0

One complete costume of a Goomsur Khond woman consisting of—

2 Waist cloths each	1	0	0
2 Small do. "	0	4	0
1 Comb	0	2	0
1 Hair comb and 1 hair-pin	0	1	0
2 Sets earrings each	0	2	0
1 Set of neck ornaments	4	8	0
1 Silver necklace	5	5	0
Brass necklace	2	0	0
Grass do.	0	3	0
Finger rings	0	2	0
Brass bangles	0	12	0
1 Pair anklets	0	12	0
5 Do. do.	2	8	0
3 Do. toe rings each	0	4	0
1 Goomsur Khond waist bandage	0	3	0
1 Rough leaf-umbrella	0	1	0
1 Kadjan do.	0	4	0
1 Leaf and bamboo umbrella	0	6	0

AGRICULTURAL IMPLEMENTS—

3 Reaping knives	0	8	0

Of the Kotia Khonds.

1 Grass body covering and 2 leaf protectors to the head and back	0	8	0
1 Spud	0	4	0
1 Bark dress.			
1 Set tobacco pipes.			

WEDDING GIFTS—

2 Snakes	2	2	0
2 Elephants	4	0	0
1 Tiger carrying away a man	1	0	0
1 Raja on horse-back	2	0	0
1 Saras crane	1	2	0
2 Peafowl	1	0	0
2 Sambur	1	0	0
1 Pack-bullock	0	8	0
2 Goddesses	2	0	0
1 Duck	0	4	0
2 Antelopes	1	0	0
1 Spotted deer	0	8	0
1 Camel	1	0	0
1 Cheeta	0	8	0
1 Fish	0	2	0

	Rs.	A.	P.
1 Lizard	0	2	0
1 Sahib	1	0	0
1 Buffalo	0	8	0
2 Gare	0	4	0
1 Calf	0	4	0
1 Frog	0	8	0
1 Bullock	0	8	0
2 Tortoises	1	0	0
1 Iguana	0	8	0
1 Bear	0	12	0
1 Hare	0	8	0
1 Crab	0	8	0
1 Monkey...	1	2	0
1 Puja scene	2	0	0
1 Pair brass bracelets, weighing 11 and 13 lb., worn by brides at their weddings and for a day or two after	18	0	0
1 Cup and ladle used to drink the mhowa liquor at wedding feasts	2	0	0

One complete war costume of the Khonds of the Surada Maliahs, Ganjam, consisting of—

	Rs.	A.	P.
Turban and plume			
Red cloth			
Buffalo-head cuirass			
Peacock feathers			
Blankets			
Waist-cloth	40	0	0
White scarf			
Shirt			
Anklets			
Tangi			
Bow and arrows			
1 War head-dress worn in the China Kimedi Maliahs ...	10	0	0

Complete war costume of the Khonds of the Gumsoor Maliahs, consisting of—

	Rs.	A.	P.
1 War head-dress	6	0	0
1 Body cloth	5	0	0
1 Waist-cloth	10	0	0
2 Peacock plumes.			
1 Pair brass horns and belts	1	0	0
1 Tangi	2	4	0
1 Bow and arrows	0	8	0
KHOND WEAPONS—			
18 Tangis	40	0	0
5 Bows and arrows	4	0	0
1 Knife	1	0	0
WEAPONS OF AN OORIYA CHIEF—			
2 Matchlocks	50	0	0
1 Shield	5	0	0
1 Javelin	1	0	0
1 Kotia Khond war-horn	7	0	0

	Rs.	A.	P.
MUSICAL INSTRUMENTS—			
1 Drum	2	8	0
1 Tom-tom	0	2	0
3 Lutes	0	9	0
1 Clarionet	0	5	0
1 Brass horn	0	12	0
1 Horn	0	3	0
1 Flute	0	2	0
1 Dulcimer	0	2	0

TOYS—
3 Lac marbles.
2 Peg tops and springs.
1 Set of squills.

From Ganjam District.

ORNAMENTS OF THE KHONDS—

For the head—
1 Comb worn by females.
1 Do. and a piece of red cloth worn by males.

For the ears—
2 Earrings worn by males.
2 Ditto ditto females.

For the neck—
1 Brass necklace worn by females.

For the arm—
1 Armlet of brass beads, and an ornament with small bells, worn by males.

For the wrists—
2 Brass bangles worn by males.

For the ankles—
2 Anklets used by females.

For the feet—
8 Toe-rings worn by females.

ORNAMENTS OF THE SAVARAHS—

For the ears—
1 Ear ornament (a Kabavalech).
2 Earrings.
2 Brass earrings.
1 Chain worn at the tip of the ear.
1 Ear ornament (Patcha bavali).
2 Ditto (Choula puvvula).

For the neck—
5 Necklaces of red beads.
1 Necklace.

For the wrist—.
1 Brass bangle.
2 Brass bangles.
2 Ditto.
2 Ditto.
2 Ditto.

For the hands—
6 Finger rings.

For the ankles—
Anklets.

FROM GODAVARI DISTRICT.

(*Procured through W. S. Meyer, Esq., C. S., Assistant Collector of Godavári.*)

12 Rampa bows.
9 Arrows for killing birds.
37 Ditto ditto animals.
} Rs. 5.

(*Procured through W. H. Glenny, Esq., C. S., Collector of Kurnool.*)

1 Chensu bow.
3 Do. arrows.

(*Procured through W. P. Austin, C. S., Collector of Kistna.*)

ORNAMENTS, &C., OF THE CHENCHUS—

2 Necklaces.
2 Armlets,
2 Bracelets.
Finger rings.
} Made of palmyra leaves.
Ornaments worn on the ankles made of the heart-leaved moonseed creeper

OF THE RAMPAS.

(*Procured through M. R. Ry. Seshagiri Rao Avergal, Temporary Deputy Collector, Godávari.*)

Household utensils—
5 Drinking vessels, "*dokelu*," of pumpkin shells, 3 pie each.
1 Milk churn, "*kavran*," 6 pie.
1 Grass broom, "*chipumkathi*," 3 pie.
1 Wooden spoon, "*teddu*," 3 pie.
Musical instruments—
2 "*Nageswarapukaya*," a snake-charmer's reed (*see* exhibit No. 40), 3 pie and 6 pie.
1 "*Kinnera*," a lute (*see* exhibit No. 47), As. 8.
1 "*Dunnaganabolu*," a fiddle, 3 pie.
3 "*Pillangolu*," flutes, 9 pie.
1 "*Rammathapita*," a drum, As.
Implements of the chase—
1 "*Villu*," a bow, As. 1.
3 "*Vuchalu*," arrows, As. 1-6.
1 "*Mittakana*," arrow, 3 pie.

FROM MADURA DISTRICT.

(*Procured through C. S. Crole, Esq., C.S., Collector of Madura.*)

Ornaments, &c.—
1 Cap, As. 8.
1 Brass nose ornament, As. 1.
2 Do. armlets, As. 2-2.
4 Do. bangles, As. 6-5.
1 Bronze bangle, As. 2.
2 Brass anklets, As. 5-4.
Musical instruments—
1 Drum, e. Rl.
2 Bronze cymbals, Rs. 2.
1 Pipe, Re. 1.
Models of dwellings—
Model of a house, Rs. 5.

MYSORE.

SECTION A.—FINE ARTS.

CLASS I.—PAINTING AND DRAWINGS.

A Hindu lady playing on the *viné*.
A Kurubar woman selling cow-dung cakes.
A Maharatti girl carrying drinking water.
The late C. Rangacharlu, ESQ., C.I.E.
H. H. the late Krishna Rajendra Wodayar, Maharaja of Mysore.
The Brindavana or garden house in the City of Gokula.
Drawings of the carvings on the frieze of the Somanathapur temple.
The "Messenger of Love" (water colors).
Paintings (figures) on ivory.

CLASS II.—SCULPTURES.

The ten *avatars* (incarnations) of Vishnu in soapstone.
A soapstone paper weight.
Vinayaka, the Belly God, in soapstone.
Mohini in soapstone.
Bennekrishna in soapstone.
Lakshmi (Goddess of wealth) in black stone.
A soapstone mould with a lead figure cast from it.
Rama in plaster.
A microscopic elephant in soapstone.
A microscopic ratidevi in soapstone.
A microscopic basava in soapstone.
A microscopic basava in soapstone.

CLASS IV.—ENGRAVINGS AND LITHOGRAPHS.

Fourteen wood-cuts with impressions.
Six impression of engravings on lead, with an engraved lead-block.
Engraving on copper, impression and plate.
Engraving on copper, impression only.
Etching on copper, impression and plate.
The map of Coorg, a lithograph.
Lithographs of Mysore coins.
The maps of the Kolar and Shimoga Districts, lithographed from type and plate.
The Palace, Panchangam, a lithography.
A chart in Sanskrit, a lithograph.
Two sheets of woodcuts from the Jaganmohana Press.

CLASS V.—PHOTOGRAPHS.

MYSORE.—(*Six views.*)

Chamundi Hill from the Residency.
Pagoda on Chamundi Hill.
Car attached to the Pagoda, Chamundi Hill.
Bull or basava on Chamundi Hill.
The Palace of H. H. the Maharaja.
The Mohan Mahal or new Reception Palace.

SERINGAPATAM.—(*Nineteen views.*)

H. H. the Maharaja of Mysore's bathing place.
Dariya Daulat or garden house of Tippu Sultan.
Dariya Daulat.
The front and part of the garden.
View of the north and west sides.
The corridor.
The verandah.

Dariya Daulat.
- Part of corrider and garden.
- Paintings of various durbars on the walls.
- Colonel Baillie's capture, battle of Pollilore.
- The drawing room.

The Fort at Seringapatam, from the aqueduct bridge showing the Great Cavalier.
Part of the fort showing the position of the breach by which the British Army entered in May 1799.
The gateway in the fort in which Tippu Sultan was killed,
Rangaswami's pagoda in the fort.
Garden view of the tomb of Hyder Ali Khan and Tippu Sultan.
The tomb of Hyder Ali Khan and Tippu Sultan.
The masjid tomb.
The English cemetery.
Wellesley's bridge.
The aqueduct bridge.

SRAVAN BELAGOLA.—(*Five views.*)

The rock and stone statue from below.
Hill with colossal Jain statue (60 feet high).
The Jain statue.
"Indra Betta," the smaller hill.
Temple on Indra Betta.

BELUR TEMPLE.—(*Seventeen views.*)

The general view.
The entrance.
The old gateway.
The east entrance.
The south entrance.
A temple in the courtyard.
Do do.
Do do.
The tower from the west.
The east side.
Carvings in detail on the east side.
Do. do.
Do. do.
The east facade.
Detail of carvings on the north facade of the tower.
South facade.
Details of the small shrine on the base of the tower.

RUINED TEMPLE OF HALEBID.—(*Thirty-one views*).

General view.
Ditto of the west side.
Part of north front.
North entrance.
South front.
Projection to the south.
East entrance.
East front (right view).
Ditto (left view).
A portion of the east face.
Detail of carving on base of eastern face.
Ditto ditto ditto.
Ditto ditto ditto.
West front.
South-west face.
A section of west face.
Detail of carvings on south-west face.
Carvings on western face.
Detail of carvings on west face.
Ditto ditto.
Detail of carvings on base of west face.
Carvings on north-west face.
Carvings on the stone walls of the temple.
Ditto ditto.
Ditto ditto.
The large stone bull.
The mantapam of the large bull.
The small stone bull.
The mantapam of the small bull.
Jain temple, date A. D. 850.
Ditto ditto.

TEMPLE OF HARIHAR.—(*Four views*).

Great temple.
Temple at Davangere.
Kedaresvara Belagami temple.
Tripurahantesvara temple.

CHITALDROOG.—(*Eight views*).

The fort at Chitaldroog.
Ditto ditto.
Ditto ditto.
Ditto ditto.
The fort at Chitaldroog.
View in the fort of Chitaldroog.
Ditto ditto.
Ditto ditto.

SUNDRY TOMBS, MASJIDS, TEMPLES, &C.—(*Thirty-nine views*).

Old tombs, Sira.
View near the Jumma Masjid, showing the old water-works.
Jumma Masjid.
Masjid attached to tomb.
Tomb and masjid of Barok Khan.
Tomb of Malkh Rahman.
Tomb of Mahomed Khan.
Temple at Naglapur, Kadaba Taluk.
Devarayadurga Bhoganarasimhaswami's temple in the fort (from the plateau).
Bhoganarasimhaswami's temple in the fort.
Yoganarasimhaswami's temple on the summit of the hill (from the plateau).
Porch of the Gangadharesvara temple at Turuvekere near Tumkur.
Maddagiri.—View of the hill and fortifications (from the temple).
Mallesvarswami's temple.
Venkataramanaswami's temple.
Ditto ditto entrance.
Temple at Beguru near Bangalore.
Alsur pagoda, Bangalore.
The Jumma Masjid built by Tippu Sultan in the fort of Bangalore.
Devanhalli Gopalaswami's temple.
Rangadhama's temple near Chikballapur (front).
Ditto gateway.
Bhoganandisvara temple in the village of Nandi at the foot of Nundydroog (view from the front).
Ditto ditto ditto (the temple to the right from back).
Ditto ditto ditto (the temple to the left from back).
Bhoganandisvra temple in the village of Nandi at the foot of Nundydroog (the tank enclosed on all four sides as shown).
The Ashurkhana, Dodballapur.
Somesvarat temple at Kolar (front of temple).
Ditto ditto (principal entrance).
Ditto ditto (dome of temple).
Ditto ditto (stone mantapam in the court.
The Mokhabra and masjid (burial ground and burr tree attached).
Ditto (containing 12 tombs of Hyder Ali's grandfather, grandmother, father, mother, brother, and sisters).
Mulbagal.—Kumandana Isvara temple at Kurudamale, 4 miles from the town (principal site view).
Ditto ditto ditto (site and back view).
Virupakshesvara temple near Mulbagal (principal entrance).
Ditto inner front of temple.
Channapatna on the Bangalore and Mysore road, the old tomb.
Ditto tomb of the Pir (or religious adviser) of Tippu Sultan.
Design for the front of the cabinet exhibited by Lieutenant-Colonel Puckle.

THE CAUVERY RIVER.—(*Eight views*).

Falls of the Cauvery.—Rapids leading to the left fall of the Gaganchukki fall.
Ditto The Gaganchukki left fall.

Falls of the Cauvery.—The Gaganchukki right fall, height about 165 feet.
Ditto The Barchukki right fall.
Ditto ditto left fall, height about 180 feet.
Rapids of Barchukki fall, Sivasamudram.
Ditto Ramaswami's bridge, Sivasamudram near the bungalow.

PHOTOGRAPHS BY MESSRS. ORR AND BARTON, BANGALORE.

Portion of the temple of Halebid.
Stone carving from the temple of Halebid.
The tomb of Tippu Sultan, Seringapatam.
The Dariya Daulat, Seringapatam.
Wellington bridge, ditto.
The Cauvery falls, west branch of the Gaganchukki.
Chamundi bull.
Coorg woman.
Do. gentleman.

PHOTOGRAPHS BY REV. J. PAUL.

PHOTOGRAPHS BY MR. C. G. BROWN, BANGALORE.

Five cabinets and four cartes.
Four boudoir photos.
Four malvern do.
Two imperial photos.
Three panels.
The Maharaja of Mysore.

CLASS VI.—WORKS OF ART NOT SPECIFIED.

SANDAL-WOOD CARVING.

A figure of Krishna crushing the head of the serpent Kalinga, Rs. 1-8.
A figure of Krishna playing on the flute, Rs. 8.
A jewel box with two drawers 17″×11″×8″, Rs. 200.
A jewel box 13″×8″×5″, Rs. 80.
A jewel box, Rs. 40.
Two cabinets, 6″×8″×8″, each Rs. 35.
A glove box, 12″×4½″×5½″, Rs. 20.
A glove box, 9″×4″×4″, Rs. 20.
Two watch cases, each Rs. 8.
A card case, Rs. 10.
A book rack, 16″×6″, Rs. 15.
A book rack, 14″×5″, Rs. 14.
An inkstand, Rs. 10.
A pen and pencil case Rs. 8.
A paper-cutter, Rs. 3.
Two wine glasses, each Rs. 3.
A fan, Rs. 12.
A fan, Rs. 6.
A fan, Rs. 3.
Two fans, each Rs. 5.
A pair of *chauris*, Rs. 30.
A walking stick, Rs. 20.
Two powder boxes, each Rs. 5.
A bull, Rs. 15.

EBONY INLAID WITH IVORY AND BRASS.

A door from the Bangalore palace, Rs. 1,200.
Two teapoys, each, Rs. 60.
Eight walking sticks (assorted), each Rs. 18.
Six native chess cabinets, each Rs. 30.

HORN INLAID WITH IVORY AND BRASS.

A collection of snuff boxes (13), each Rs. 2.
Two umbrella handles, each Rs. 5.
A picture of inner room of the Seringapatam temple, Rs. 50.

IVORY.

A Vinayaka or Belly god, Rs. 15.
Toy cradle, Rs. 50.
Ruler, Rs. 7.

CHANNAPATNA LACQUERED WORK.

A pair of lacquered wooden vases, Rs. 21.

EMBROIDERY.

His Highness Krishna Rajendra Wodayar, the late Maharaja.

ELECTROTYPES.

Seringapatam medal.
A calendar.
Ramtanki pagoda.
Turkish coin.
Star pagoda.
Shah Alum's ashrafi.
Australian sovereign.
Tippu Sultan's ashrafi.
Persian coin.
Travancore coin.
Gajapati pagoda.
Senari kasu.
Faroki pagoda.
Tippu Sultan's half rupee.
American half-dolar.
East India Company's ashrafi.
Krishnarajah's pagoda.
Bhoog coin.
Shah Jehan's ashrafi.
Central American coin.
Bhaduri pagoda.
Dhuti fanam.
Medal showing the distance from London.
Medal with the signs of the Zodiac.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASS VII.—EDUCATIONAL APPLIANCES, MODELS OF SCHOOLS, SCHOOL FURNITURE, AND BOOKS.

Hindustani school, a lithograph.
London Mission Girls' School, a lithograph.
A Tamil Pial School, a photograph of a lithograph.
A Tamil Pial School, a photograph of a lithograph.
A Telugu Pial School, a photograph of a lithograph.
Kaditam.
A Vyasapitha.
A board rubbed with dattura leaf.
Styles.
Balapam pencils.
Lekhani.
A silver inkstand.
Two areca-nut wood rulers.
A slate.
One Hindustani chart by Khan Bahadur Mahomed Saliha.

CLASS VIII.—MAPS, CHARTS AND GEOGRAPHICAL APPARATUS.

Map of the World in Canarese.
Map of India in Canarese.

CLASS IX.—SPECIMENS OF WORK DONE BY PUPILS IN SCHOOLS.

Plans by students of 6 months' standing of the Mysore Engineering School.
Surveys by ditto ditto ditto.
Map of England and Wales by Miss Blanche Percy of Bishop Cotton's, Bangalore.

Drawings in pencil by Miss Blanche Percy of Bishop Cotton's, Bangalore.
Ditto by Miss Florence Percy of Miss Millard's Seminary.
Drawing in water colors by Miss Whalley Riggs of ditto.

CLASS XI.—STATIONERY AND ARTISTS' MATERIALS.

Palmyra palm leaves from a book dated 1418 of the area of Salivahana.
Pages of an illustrated manuscript, the Harivamsa.
A bottle of the ink in which the above was written.
An edition of a composition on chess problems.
Two *tákids* on yekka leaves.
Sealing wax of colors.
Two cards of Mysore artists' paints and brushes.
Leaves of *sunneri* or false gilding paper.
Marking ink from Messrs. Riggs & Co., Bangalore.

CLASS XII.—PRINTING AND BOOK-BINDING.

SAMPLES FROM THE MYSORE GOVERNMENT PRESS.

1 Vol.—"Mysore Inscriptions."—Royal 8vo., full calf, extra gilt on edges and side.
3 Vol.—"Mysore and Coorg Gazetteer."—Royal 8vo., half calf, gilt edges, lettered and lined and plates on sides.
1 Vol.—"Pampa Ramayana."—Demy 8vo., half calf, marble sides, lettered and lined.

CLASS XIV.—MUSICAL INSTRUMENTS.

A *viné* ornamented with ivory.
A *tambúri* ditto.
A *ghada* or pot.
A collection of *murchings* or Jew's harps.
A *nágasara* or snake-charmer's pipe.
A *sruti* or bagpipe.
A *maddale* or drum.
A collection of 18 musical instruments common to Mysore.

CLASS XV.—SCIENTIFIC INSTRUMENTS.

"Atwood's Machine," by Revd. J. Paul, Bangalore, to illustrate the accelerated force of gravity on falling bodies.

SECTION C.—HEALTH.

CLASS XVIII.—DRUGS AND MEDICINES.

Botanical name.	English name.	Canarese name.	Part used.	Operation.
A COLLECTION OF 143 VARIETIES OF RAW MEDICINAL PRODUCTS.				
1 Andrographis paniculata.	Creyat ...	Creata ...	Shrub	Tonic and stomachic.
2 Asteracantha longifolia.	Long leaved barleria.	Kolavankabija	Seed ...	Diuretic.

Botanical name.	English name.	Canarese name.	Part used.	Operation.
3 Asteracantha longifolia.	Long leaved barleria.	Kolavankayale	Leaves	Diuretic.
4 Achyranthes aspera.	Chaff flower seed.	Uttarane ...	Seed ...	Astringent and diuretic.
5 Vitis vinifera .	Raisins ...	Drakshi ...	Fruit...	Laxative and demulcent.
6 Mangifera indica.	Common mango.	Mavinabija ...	Seed ...	Astringent and anthelmintic.
7 Odina wodier .	Woodia tree...	Suggipatte ...	Bark ...	Astringent in old obstinate ulcers.
8 Semecarpus anacardium.	Marking nut .	Gerubija ...	Seed ...	Vesicant.
9 Anona squamosa.	Custard apple	Sítaphalabija ...	Do. ...	Prevents lice.
10 Nerium odorum	Scented oleander.	Devaganigalu ...	Bark ...	Is a powerful repellant.
11 Wrightia tinctoria.	Dyer's wrightia	Sannaganigalu...	Do. ...	Ditto.
12 Wrightia antidysenterieum.	Oval leaved wrightia.	Beppale ...	Bark ...	Astringent.
13 Aristolochia indica.	Indian birthwort.	Ishvaramulike	Herb ..	Tonic emmenagogue.
14 Acorus calamus	Sweet flag ...	Baje ...	Root ..	Aromatic and stomachic.
15 Calotropis gigantea.	Gigantic swallow wort.	Yekkdaberu ...	Bark of root.	Alterative.
16 Hemidesmus indicus.	Sarsaparilla ...	Sogadaberu ...	Root ...	Alterative tonic.
17 Tylophora asthmatica.	Emetic plant	Adumuttadayale	Leaves	Emetic; small doses expectorant.
18 Cochlospermum gossypium.	Golden silk cotton tree.	Burgadabanke...	Gum ...	Mucilaginous and cooling.
19 Cleome viscosa (*Ruta*).	Viscid cleome	Nayibela ...	Bark...	Anthelmintic and carminative.
20 Celastrus paniculata.	.....	Mulkungibija ...	Seed ...	Diuretic.
21 Terminalia bellerica.	Belleric myrobalan.	Tanikayi ...	Fruit...	Astringent and tonic.
22 Terminalia chebula.	Oval leaved terminalia.	Alalekayi ...	Do. ...	Astringent.
23 Anthemis nobilis.	Common chamomile.	Chamundihuvvu	Flower	Tonic and carminative.
24 Artemisia indica.	Mugwort ...	Davana ...	Herb...	Aromatic and astringent.
25 Guizotia oleifera.	Ramtil seed ...	Hutchellu ...	Seed ...	Nourishing and cooling.
26 Batatas paniculata.	Panicled batatas.	Bhumichekregadde.	Root ...	Alterative.
27 Evolvulus alsinoides.	Chickweed leaved evolvulus.	Vishnukranti ...	Herb...	In bowel affections.

Botanical name.	English name.	Canarese name.	Part used.	Operation.
28 Ipomœa turpethum.	Turbith root	Bilitigadu ...	Root ...	Purgative.
29 Pharbitis Nil	.....	Gauribija ...	Seed ...	Purgative.
30 Lepidium sativum.	Common cress	Allibijá ...	Do. ...	Stomachic and stimulant.
31 Sinapis alba ...	White mustard	Bilesasive ...	Do. ...	Stimulant and stomachic.
32 Sinapis nigra	Black mustard	Karisasive ...	Do. ...	Stimulant and stomachic.
33 Citrullus colocynthis.	Colocynth ...	Tumtikayi ...	Fruit...	Hydrogogue cathartic.
34 Erythroxylon arcolatum.	.....	Devadarichakke	Bark ...	A cooling liniment for head.
35 Croton tiglium	Croton seed...	Japala ...	Seed ...	Drastic purgative.
36 Jatropha curcas	Physic nut ...	Kurukurlu ...	...	.....
37 Phyllanthus emblica.	Emblic myrobalan.	Nellikayi ...	Fruit...	Astringent.
38 Phyllanthus niruri.	Indian phyllanthus.	Kirnelli ...	Herb...	Diuretic.
39 Ricinus communis.	Large castor seed.	Doddaharalu ...	Seed ...	Purgative.
40 Ricinus communis (small)	Castor seed ...	Chittaharalu ...	Do. ...	Ditto.
41 Punica granatum.	Pomegranate	Dalimbreberu...	Root bark,	Astringent and anthelmintic.
42 Punica granatum.	Ditto ...	Dalimbresippe	Rind ...	Astringent and anthelmintic.
43 Calophyllum inophyllum.	Scented callophyllum.	Pinnabija ...	Seed ...	In rheumatic affections.
44 Ballota disticha (nigra).	Black horehound.	Adabiraku ...	Shrub	Aromatic and stimulant.
45 Melissa officinalis.	Common balm	Nayitulasi ...	Herb...	Expectorant.
46 Mentha sativa	Mint ...	Pudina ...	Shrub	Carminative.
47 Nepeta malabarica (Amsomeles malabarica).	Cat mint ...	Mogabiraku ...	Do. ...	Aromatic and stimulant.
48 Ocimum basilicum.	Sweet basil ...	Sajjebija ...	Seed ...	Mucilaginous and cooling.
49 Ocimum sanctum.	Purple basil	Tulasibija ...	Do. ...	As a cooling drink.
50 Ocimum sanctum.	Ditto ...	Krishnatulasi ...	Shrub	Expectorant.
51 Salvia officinalis	Garden sage	Karpuradayale	Leaves	Tonic, carminative and astringent.
52 Cinnamomum iners (Javanicum).	Cassia leaf ...	Lavangadayale	Do. ...	Carminative and tispasmodic.
53 Cinnamomum cassia.	Cassia lignea	Lavangadapatte	Bark ...	Stomachic and cordial.

Botanical name.	English name.	Canarese name.	Part used.	Operation.
54 Abrus precatorius.	Wild liquorice, white.	Biliguragunji ...	Seed ...	Demulcent.
55 Abrus red ...	Wild liquorice, red.	Kempuguragunji	Do. ...	Narcotic.
56 Abrus root ...	Wild liquorice	Guragunjiberu	Root ...	Demulcent.
57 Acacia arabica	Acacia arabica	Jalichakke ...	Chips,..	Powerful astringent.
58 Acacia catechu	Catechu ...	Kachu ...	Extract	Powerful astringent.
59 Butea frondosa	Worm seed ...	Muttagadabija	Seed ...	Vermifuge.
60 Cassia absus...	Four-leaved cassia.	Kunnubija ...	Do. ...	Sore eyes.
61 Cassia alata ...	Ring worm shrub.	Simeagasibija ...	Leaves	For ringworms.
62 Cassia auriculata.	Eared cassia	Tangadibija ...	Seed ...	Refrigerant and astringent.
63 Cassia coriaria	Shumach (shumac).	Shumutti ...	Pod ...	A powerful astringent.
64 Cathartocarpus fistula.	Purging cathartocarpus.	Kakkekayi ...	Do. ...	Purgative.
65 Clitoria ternatea.	Wring-leaved clitoria.	Kirgunna ...	Shrub	Purgative; in small doses expectorant.
66 Dalbergia arborea? (Pongamia glabra).	Woody dalbergia.	Hongepatte ...	Bark ...	In cleaning foul ulcers.
67 Dalbergia arborea? (Pongamia glabra).	Woody dalbergia.	Hongabija ...	Seed ...	An efficacious application in skin diseases.
68 Guilandina bonduc.	Oval-leaved nicker tree.	Gajjiga ...	Do. ...	Tonic febrifuge.
69 Gum acacia? (Acacia vera).	Common gum	Góndu ...	Gum ...	Binding and mucilaginous.
70 Indigofera anil	Indigo plant	Niliberu ...	Root ...	In counteracting poisons.
71 Mimosa abstergens.	Soap-nut ...	Sigekayi ...	Pod ...	Deobstruent.
72 Mucuna pruriens.	Indian cowhage.	Surusurukebija	Seed ...	Vermifuge.
73 Psoralea corylifolia.	Hazel-nut ...	Bavanchabija ...	Do. ...	Stomachic and deobstruent.
74 Tamarindus indica.	Tamarind ...	Hunasehannu ...	Fruit...	Laxative and antibilious.
75 Tamarindus indica.	Ditto ...	Hunasebija ...	Seed ...	Powerful astringent.
76 Trigonella fænum gracum.	Fenugreek ...	Menthyabija ...	Do. ...	In dysenteric complaints.
77 Linum usitatissimum.	Linseed ...	Agasibija ...	Do. ...	Emollient and demulcent.
78 Strychnox vomica.	Poison nut ...	Mustibija ...	Do. ...	Nervine tonic.
79 Strychnox potatorum.	Clearing nut	Chillibija ...	Do. ...	Emetic.

Botanical name.	English name.	Canarese name.	Part used.	Operation.
80 Lawsonia spinosa(inermis)	Broad Egyptian privet.	Gorantuyale ...	Leaves	In cutaneous affections.
81 Hibiscus rosa sinensis.	Shoe flower plant.	Dasavalayale ...	Do. ...	Emollient, resolvent, and anodyne.
82 Pavonia zeylanica.	Ceylon pavonia	Chittamutti ...	Herb...	For fever.
83 Sida mauritiana.	Marsh mallow	Tutigida ...	Shrub	Mucilaginous and demulcent.
84 Azadirachta indica.	Margosa leaves.	Bevinayale ...	Leaves	Vermifuge.
85 Azadirachta indica.	Margosa tree	Bevinamara ...	Bark...	A valuable tonic.
86 Azadirachta indica.	Margosa seed	Bevinabija ...	Seed...	Vermifuge.
87 Swietenia febrifuga.	Red wood ...	Kempugandhada chakke.	Chips	Stomachic.
88 Anamirta cocculus.	Crow killing seed.	Kakamaribija ...	Seed ...	Narcotic insecticide.
89 Tinespora cordifolia.	Heart-leaved anoon seed.	Sindaballi ...	Stem...	Tonic and febrifuge.
90 Moringa pterygosperma.	Horse radish tree.	Nuggepatte ...	Bark...	Stimulant and rubifacient.
91 Embelia ribes	.....	Vayivalanga ...	Seed...	Aromatic and binding.
92 Myrtus communis.	Common myrtle.	Mandebija ...	Do. ...	Tonic and astringent.
93 Nelumbium speciosum.	Egyptian lotus	Tavarebija ...	Do. ...	Demulcent.
94 Nelumbium speciosum.	Egyptian lotus	Tavaregadde ...	Root...	Cooling and demulcent.
95 Mirabilis jalapa	Four o'clock	Ballarakshi ...	Do. ...	Purgative.
96 Oxalis corniculata.	Yellow sorrel	Pullampurchi ...	Herb...	Antibilious and cooling.
97 Papaver somniferum.	Garden poppy	Gasagase ...	Seed ...	In diarrhœa and dysentery.
98 Papaver somniferum.	Poppy capsules.	Gasagasehottu...	Capsules.	Sedative anodyne.
99 Argemone mexicana.	Thistle ...	Datturibija ...	Seed ...	Purgative and deobstruent.
100 Piper Alba ...	White pepper	Bilimenasu ...	Do. ...	Stimulant and stomachic.
101 Piper nigrum...	Black pepper	Karimenasu ...	Do. ...	Stimulant, stomachic.
102 Plantago ispaghula.	Ispaghul ...	Isabgolu ...	Do. ...	Cooling and mucilaginous.
103 Plumbago zeylanica.	Leadwort ...	Chittramula ...	Root ...	Vesicatory.
104 Nigella sativa	Small fennel	Karijirige ...	Seed...	Carminative.
105 Rosa centifolia	Rose ...	Rojahuvu ...	Flower	Laxative.
106 Ægle marmelos	Bael fruit ...	Bilpatrehannu...	Fruit	Astringent.
107 Citrus aurantium.	Orange ...	Kittalesippe ...	Rind	Tonic and carminative.

Botanical name.	English name.	Canarese name.	Part used.	Operation.
108 Citrus medica?	Citron ...	Turanjisippe ...	Rind	Tonic and stomachic.
109 Citrus bergamia?	Lime ...	Nimbehanninasippe.	Do. ...	Tonic and carminative.
110 Ruta angustifolia.	Rue plant ...	Havunanjinagida.	Leaves	Stimulant, antispasmodic.
111 Santalum album?	Sandalwood...	Gandhadachakke	Chips	Sedative and cooling.
112 Sapindus emarginatus.	Soap berry ...	Kumatekayi ...	Fruit	Expectorant and detergent.
113 Bassia longifolia.	Long-leaved bassia.	Ippepatte ...	Bark...	In rheumatic affections.
114 Pedalium murex.	Prickly fruited pedalium.	Sannaneggalu ...	Seed...	Demulcent, diuretic.
115 Pedalium murex.	Prickly fruiter pedalium.	Aneneggalu ...	Do. ...	Demulcent, diuretic.
116 Sesamum indicum.	Gingelly seed	Valleyallu ...	Do. ...	Nourishing and cooling.
117 Capsicum frutescens? (Rheum).	Red chilly ...	Menasinakayi...	Pod ...	Stomachic and stimulant.
118 Datura metel...	Thorn apple...	Ummattibija ...	Seed ...	Antispasmodic and intoxicating.
119 Hyoscyamus niger.	Comon henbane.	Kurasaniuma ...	Do. ...	Anodyne.
120 Physalis somnifera.	Winter cherry	Yiremaddinagadde.	Root...	Powerful diuretic.
121 Solanum jacquini ? (incertum).	Jacquin's night shade.	Kádubadaneberu	Do. ...	Expectorant in asthma and consumption.
122 Amnethum sowa.	Dill seed ...	Sabyaksibija ...	Seed ...	Stomachic and cordial.
123 Coriandrum sativum.	Coriander seed	Kottambaribija	Do. ...	Stomachic.
124 Cuminum cyminum.	Common cumin.	Jirige ...	Do. ...	Stomachic in cases of dyspepsia.
125 Faniculum pan morum.	Indian fennel seed.	Doddajirige ...	Do. ...	Tonic and stomachic.
126 Hyancotyle asiatica.	siatic pen-Anywort.	Ondelga ...	Herb...	Alternative tonic.
127 Pimpinella anisum.	Anise seed ...	Sombubija ...	Seed ...	Carminative.
128 Ptychiotis ajowan.	Bishop weed seed.	Omu ...	Do. ...	Stomachic, cordial, and stimulant.
129 Ficus religiosa	Fig tree ...	Aralibija ...	Do. ...	Cooling and alterative.
130 Ficus racemosa	Red wood fig tree.	Attipatte ...	Bark...	Slightly astringent.
131 Vitex trifolia	Chasle tree ...	Karalukki ...	Leaves	Diuretic emmenagogue.

Botanical name.	English name.	Canarese name.	Part used.	Operation.
132 Volkameria inermis (Clerodendron inerme).	Smooth volkameria.	Kareupe ...	Bark of root.	Alterative.
133 Viola suffruticosa (odorata).	Suffruticose violet.	Purusharathna	Herb...	Emetic.
134 Cyperus juncifolia.	Rush-leaved cyperus.	Tungigadde ...	Root ...	Diuretic and diaphoretic.
135 Andropogon muricatus.	Cuss cuss root.	Lamancha ...	Do. ...	Diaphoretic gently stimulant.
136 Lichen rotundatus.	Lichen ...	Kalhuvvu ...	Moss...	Diuretic.
137 Aloe vulgaris	Aloe ...	Musambra ...	Extract	Purgative.
138 Methonica superba.	Superb gloriosa.	Pachanabhi ...	Root ...	Narcotic.
139 Areca catechu	Betel-nut ...	Adike ...	Nut ...	Astringent and binding.
140 Alpinia galanga.	Greater galangal.	Dumprakostaka	Root ...	Stimulant and stomachic.
141 Alpinia galanga.	Lesser galangal.	Dumprastaka ...	Do. ...	Stimulant and stomachic.
142 Curcuma zedoaria.	Zedoary ...	Kasturiarasina	Tuber	Tonic and aromatic.
143 Zingeber radix	Ginger ...	Sunti ...	Bulb ...	Stomachic carminative.

PREPARED MEDICINES BY RIGGS & CO., OF BANGALORE.

	Rs.	A.
Essence of *chiretta*	2	8
Chemical food	1	8
Cherry tooth paste	1	0

CLASS XXI.—AMBULANCES.

A model of a 3rd class metre gauge railway carriage convertible into an ambulance.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS.

CLASS XXV.—STONE UTENSILS, POTTERY, PORCELAIN AND EARTHENWARE.

Collection of soapstone culinary utensils.
Glazed jar from the Central Jail.
Porous cell from the Central Jail.
Marble goglet.

CLASS XXVI.—METALWARE, HARDWARE AND CUTLERY.

Ornamental steel areca-nut cutter.
Gandu-godali or battle-axe.
Ornamental brass door hinge.
Ornamental long bolt.
Saddle racks.
Double set harness racks.
Kanchu or bell-metal goglet.
Kanchu or bell-metal pannirdan or rose-water sprinkler.
A bell.
A copper drinking vessel.
Musical wire from Channapatna.

CLASS XXVII.—CLOCKS, WATCHES AND THEIR ACCESSORIES.

An eight-day calendar clock, by the Revd. J. Paul.

CLASS XXIX.—BASKETWARE.

A COLLECTION OF ROUGH BASKET WORK.

1 A child's cradle.
2 A baling basket.
3 A collection of baskets.
4 A model of a basket for carts.
5 A tray for betel-nut and spices.
6 Tent chicks.
7 A mora or winnow.
8 Samples of matting.
9 A basket for rearing silk-worms.
10 Fruit and vegetable baskets, as used by market gardeners.
11 A *kolaga* or a measure of ten seers.
12 A *kundanike* (hopper).
13 Fans.
14 Cuscus *tattis*.

CLASS XXXI.—DECORATIVE WORK, INCLUDING CARVING AND ARTWARE.

A carving 9″ × 8½″ imitation of Japanese work.
A carving 35″ × 30½″ gilt and framed.

CLASS XXXII.—CARPETS, HANGINGS, TAPESTRY, FURNITURE STUFFS, MATTING AND PAPER HANGINGS.

CARPETS.

Name.	Size.	Price.
		Rs.
An Indian pattern	18 ft. × 10 ft.	200
A Persian pattern	18 ft. × 10 ft.	200
A Turkoman pine rug	8 ft. × 4 ft.	35
A Persian flower rug	8 ft. × 4 ft.	35
A Raja Indra Khani pattern	8 ft. × 4 ft.	30
A Moher Khani pattern	8 ft. × 4 ft.	29
A Mysore pattern	7 ft. × 4 ft.	25
A Bangalore woollen plain kind	8½ ft. × 6 ft.	24
A South Indian pattern	7 ft. × 4 ft.	25
A Kamal Khani pattern	7 ft. × 4 ft.	25
Two rolls of colored cotton ropes covered with silks	.....	...
Two rolls of ornamental colored cotton ropes	.....	...
A chart for the game of Navagrahapagade (a specimen of Mysore needle-work) ...	.....	...

CLASS XXXIV.—BRONZES, ORNAMENTAL WORK IN GOLD, SILVER AND OTHER METALS.

SILVER.

Engraved oval betel and nut tray, Rs. 34.
Engraved circular and nut tray, Rs. 41.
Engraved oblong and nut tray, Rs. 38.
Ditto, ditto, Rs. 37.
Engraved octagonal tray, Rs. 34.
An ivory snuff box overlaid with gold, Rs. 21.
An ivory snuff box overlaid with silver Rs. 11.
Small figure of Krishna stealing butter, Rs. 2-8.
Small figure of Krishna in chains, Rs. 2-8.
Small figure of Hanumanta, Rs. 2-8.
Ditto Garuda, Rs. 2-8.

SRAVAN BELAGOLA BRASS WORK.

Eight-sided tray with handles, Rs. 31-14.
Ditto ditto, Rs. 31-2.
Circular tray, 23″ in diameter.
Ditto, 23″ ditto.
Ditto, in relief 23″ in diameter, Rs. 28-10.
Circular tray, in relief 23″ in diameter, Rs. 24.
Oval tray, engraved, Rs. 18.
Ditto, in relief, Rs. 18.
Circular tray, 19″ in diameter, Rs. 13.
Ditto ditto, Rs. 13.
Ditto 14″ ditto, Rs. 7-14.
Brass lion paper weights, Rs. 12.
Brass kamadhenu ditto, Rs. 17.
Brass antelope ditto, Rs. 8.
Brass elephant ditto, Rs. 14.
Brass Belly God ditto, Rs. 20.
Two ornamental copper and brass vessels, Rs. 6-8.

CLASS XXXV.—TOYS.

Collection of toys made at Channapatna.
A tray of artificial fruit.
Ditto vegetables.
Two betel-nut trays made of paddy.
Nosegays made of paddy and rice.
A garland of artificial flowers.
The game of "Navagraha" *pagade*.
Ditto *ganjif* or native whist.

CLASS XXXVI.—OTHER HOUSEHOLD UTENSILS AND APPLIANCES.

A small brass lamp.
A collection of brass lamps.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, &c.

CLASS XXXVIII.—COTTON FABRICS.

NAME.		Size in feet and price.	Where made.
Canarese.	English.		
		Rs. A. P.	
Doosetty ...	Cloth for tents ...	..... 0 6 6	Bangalore Central Jail.
Chauka ...	Towels ...	$4\frac{1}{2}\times2\frac{1}{4}$ per yard. 0 12 0	Siddavanhalli, Tumkur District.

NAME.		Size in feet and price.	Where made.
Canarese.	English.		
		Rs. A. P.	
Chauka ...	Towels ...	..... 0 6 6 to 3 6 0	Wesleyan Mission Orphanage, Tumkur.
Ditto ...	Duster ...	$2\frac{1}{2}\times\frac{1}{2}$ 0 3 6	Ditto.
Bilébatte ...	A piece of long cloth.	12 yards 3 0 0	Kondahalli, in the Mandya taluk.
Ditto ...	A piece of long cloth with Salia Mahomed Kasim's trade mark.	40 „ 10 0 0	.....
Karisalari sire ...	An inferior black woman's cloth.	24×3 2 7 0	Bangalore.
Kempu „ ...	An inferior red woman's cloth.	24×3 3 0 0	Ditto.
Pattala „ ...	An inferior white woman's cloth.	24×3 2 0 0	Ditto.
Batti ...	A roll of kerosine lamp wick.	$7\frac{1}{2}\times\frac{1}{8}$ 0 2 0 per yard.	Tumkur Wesleyan Mission Orphanage.

CLASS XXXIX.—WOOL FABRICS.

NAME.		Size in feet and price.	Where made.
Canarese.	English.		
		Rs. A. P.	
Karihodige cumbly ...	Black cumblies ...	..... 80 0 0 and 30 0 0	Davangere.
Chaukali cumbly ...	Brown do. ...	$9\times4\frac{1}{2}$ 35 0 0	Ditto.
Ditto ...	Red checked cumbly	$9\times4\frac{1}{2}$ 40 0 0	Yammehatti.
Bile cumbly ...	White do.	$9\times4\frac{1}{2}$ 35 0 0	Davangere.
Chapras cumbly ...	Light brown do.	$9\times4\frac{1}{2}$ 35 0 0	Ditto.
Budibanna do. ...	Grey do.	24×6 12 0 0	Kolar.
Kempu do. ...	Brown do.	$15\times4\frac{1}{2}$ 10 0 0	Do.
Kari do. ...	Black do.	..... 11 0 0 and 12 0 0	Do.
Chaukali do. ...	Do. and white do.	$8\frac{1}{4}\times2$ 2 8 0	Mandya.
Cumbly ...	Black do.	$8\frac{1}{4}\times2$ 2 8 0	Ditto.
Checked cumbly ...	Checked do.	$9\times2\frac{1}{3}$ 2 8 0	Ditto.
Brown chaukali cumbly	Ditto brown cumbly.	$8\frac{1}{4}\times2$ 1 8 0	Ditto.
			Ditto.
White and black checked cumbly.	White and black checked cumbly.	..... 2 0 0 to 2 14 0	Ditto.
Sample cards of horse clothing from Bangalore Woollen Mills.			
Ditto of blankets	ditto	ditto.	
Ditto of woollen cloths	ditto	ditto.	

CLASS XL.—SILK FABRICS.

NAME.	Size in feet and price.	Where made.
SILK AND COUNTRY LACE.	Rs. A. P.	
Red chauka or square upper garment	$3\frac{3}{4}\times3\frac{3}{4}$ 17 8 0	Bangalore.
Red bachchkhani or boy's scarf ...	$6\frac{3}{4}\times1\frac{1}{2}$ 25 0 0	Ditto.
Yellow sire or woman's cloth (pitambra).	$27\times3\frac{3}{4}$ 135 0 0	Ditto.
SILK AND FRENCH LACE.		
Rose kuppasakana or bodice pieces ...	..... 1 7 0 to 6 0 0	Ditto.
Violet bodice piece	..... 1 4 0 to 3 4 0	Ditto.
Green „	..... 1 4 0 to 3 10 0	Ditto.
White spotted bodice piece ...	$2\frac{2}{3}\times1\frac{2}{3}$ 1 2 0	Ditto.
Silk woman's cloth	$24\times3\frac{1}{2}$ 51 4 0	Molakalmuru.
Red silk vastra or handkerchief ...	$3\frac{5}{12}\times3$ 3 0 0	Bangalore.
Blue ditto ditto ...	$3\frac{5}{12}\times3$ 3 8 0	Ditto.
Checked ditto ditto (1 pair) ...	$3\frac{5}{12}\times3$ 11 8 0	Ditto.
Shawl	6×6 22 8 0	Ditto.
Silk handkerchief	$1\frac{1}{2}\times1\frac{1}{2}$ 2 8 0	Herekendavarapur.
Sire or woman's cloth	$27\times3\frac{1}{3}$ 14 0 0	Chiknayakanhalli.
Silk bodice	$3\frac{1}{2}\times1\frac{1}{2}$ 1 4 0	Ditto.
One roll of silk cloth	$34\frac{2}{3}\times1\frac{3}{4}$ 10 0 0	Bangalore.
Ditto ditto (checked) ...	$34\frac{2}{3}\times1\frac{3}{4}$ 10 0 0	Ditto.
One pair of silk and lace handkerchief	3×3 30 4 0	Molakalmuru.
Red silk kammarband	24×15 12 0 0	Bangalore.

CLASS XLII.—OTHER FABRICS.

NAME.	Size in feet and price.	Where made.
	Rs. A. P.	
Gonipette for gunny-bags ...	$12\frac{5}{6}\times\frac{2}{3}$ 0 8 0	Gulur.
Country canvas	33×1 6 0 0	Dodballapur.
Aloe fibre matting	5×3	Bangalore Central Jail.
Canvas from fibre of calotropis gigantea (1st sort).	2×3	Tumkur.
Canvas from fibre of calotropis gigantea (2nd sort).	$1\frac{3}{4}\times2\frac{1}{3}$	Ditto.
Sanapu or hemp rug	$3\frac{2}{3}\times2$ 1 0 0	Bangalore.

CLASS XLIII.—MIXED FABRICS.

NAME.		Size in feet and price.	Where made.
Canarese.	English.		
COTTON & SILY.		Rs. A. P.	
Putanikirige ...	Girls' cloth ...	$21\frac{1}{2}\times3$ 25 0 0	Bangalore City.
Karichandrakalisire ..	Women's cloth ...	$21\frac{1}{2}\times3$ 22 0 0	Ditto.
Nimbavalipattala ...	Ditto ...	$24\times3\frac{2}{3}$ 22 8 0	Ditto.
Pair of panche ...	Men's cloth ...	$19\frac{1}{3}\times4\frac{2}{3}$ 7 0 0	Tumkur.

CLASS XLVII.—BOOTS, SHOES AND SLIPPERS.

CHITALDROOG (*Native shoes*).

Slippers, Rs. 3.
Bagadikote, Re. 1-4.
Tanjore pattern, Re. 1.
Bombay pattern, Re. 1-4.
Mangalore Native Christian, Re. 1-4.
Slippers, Re. 1-8.
Kangurdori, Rs. 2-8.
Chotedari, Re. 1.
Katrike, Re. 1.
Chandodi, Re. 1.
Lambani, males' shoes, As. 8.
Do., females' do.

SIRA (*Native shoes*).

Trichinopoly pattern, Rs. 2-8.

BANGALORE.

Chadavu, Rs. 6.
Native slippers, Re. 1-4.

CLASS L.—JEWELRY AND PRECIOUS STONES.

A gold *nagara* or head ornament.
A set of coral jewelry, *sara* or garland, bracelet, ear pendants, broach and a ring.
A garland of glass beads with a gold *padaka* or breast plate.
A double tiger claw brooch mounted in silver.
A single tiger claw broach mounted in silver.
A pair of tiger claw earrings mounted in silver.
A collection of silver bangles (12 in number).
3 cords of mock jewelry in use by the peasantry of Mysore.

GOLD.

Ryakane.
Gedige.
Nagara with twenty small *gejjes.*
Yasalu gedige.
Magali rekhu or *uddugedige.*
Hasarukallu jadebille with a screw-head set with *pushyaraga* stones.
Chaurikuppe.
Kamalada jadebilie.
Jadekuchchu 2, *gundu* 2, *surayi* 2.
Addike 57, *gejje* 57, *ashtadala* 57.
Jodantina gundu, antu 50, *tiyiti* 2, *bottu* 1.
Vale, a pair.
Jumki, a pair.
Simhalalatadamuru, a pair.
Niladanavali with real pearls, a pair.
Bugadi, a pair.
Chalaki or *haradigundu* 8, and 10 wooden-red-colored beads.

SILVER.

Kalukadaga, a pair.
Kaluruli, a pair.
Gejje 52.
Anavatta or *doddapilli*, a pair.
Kalungaragalu 4.
Gejjepilli, a pair.
Tolusarige or *tayiti sarige*.
Tolubandi.
Kangani, a pair.
Nagamuri, a pair.
Udidhara.
Dabu.
Hanumantana tali.
Lavangadani.
Sumnadakayi with two gold pin heads.
Minupilli, a pair.

CLASS LI.—PERFUMERY.

A collection of perfumery Rs. 15.

CLASS LII.—OBJECTS NOT SPECIFIED.

Collection of combs from Tumkur
Powder pouch from Chitaldroog.
Chungani or tobacco pipe from Chitaldroog.
Collection of imitation gold bracelets.
Two bindy wood walking sticks.
Two junglewoood walking sticks.
Collection of ornamented and carved cus-cus hand pankahs.

ARTICLES MADE OF HORN AT BANGALORE.

Real tortoise shell tray.
Do. paper-cutter.
Three cigar-holders.
Eye glass frame.
Shoe-horn.
Two tooth combs with round handles.
Four combs with flat handle.
Three inlaid tooth-combs.
One tail comb.
Three long dressing-combs.
Ditto ditto.
Two scratchers.
A card of assorted horn buttons.
Horn ruler.
Seven horn mugs, &c., assorted.
Five walking-sticks with horn handles.
One horn walking-stick.

SECTION F.—RAW PRODUCTS, &c.

CLASS LIII.—MINERALS AND METALLURGIC PRODUCTS.

FORTY-SIX SPECIMENS.

1 Auriferous slate from Honnali gold mine.
2 Auriferous quartz from ditto.
3 Gold pyrites from ditto.
4 Specimens of gold quartz.
6 Specimens of gold quartz, slate, pyrites, alluvial gold and amalgam from Honnali gold mine.
7 Quartz with specks of metal.
8 Rock crystals.
9 Coprolites from Banavar.
10 Glance.
11 Flint from the Chitaldroog fort wall.
12 Syenite.
13 Corundum.
14 Antimony ore.
15 Mica in hornblende.
16 Mica schist of 3 varieties.
17 Ashestos.
18 Felspar.
19 Granite.
20 Cornean.
21 Chert or flint with dendritic markings.
22 Diorite.
23 Opal from Bababudan Hills.
24 Manganese and rock crystal.
25 Jasper clay.
26 Corundum and actinolite in talcose schist.

27 Conglomerate stone.
28 Compact felspar with indurated tale.
29 Mica in quartz.
30 Granite.
31 Lime kunkur.
32 Limestone.
33 Magnetic iron ore.
34 Iron ore in lump.
35 Iron ore in dust.
36 Iron ingots.
37 Steel ingots.
38 Granite polished.
39 Syenite ditto.
40 Diarite ditto.
41 Hornblende ditto.
42 Soapstone ditto.
43 Porphyry.
44 Quartz.
45 Spotted quartz.
46 Potstone.

CLASS LIV.—INDIGENOUS TIMBER AND OTHER FOREST PRODUCTS.

Botanical name.	English name.	Canarese name.
Acacia arabica. ...	Babool ...	Gobli or Jâli.
Acacia (Albizzia Bed) odoratissima.	.....	Bilvara.
Acacia (Sandra Bed) suma. ...	White barked acacia	Banni.
Calophyllum augustifolium (Erattm Bed).	Poon ...	Kuve mara.
Canarium commune (Strictum bed).	Black dammar ...	Kagli mara.
Cedrela toona ...	White cedar ...	Gandagariga mara.
Chloroxylon swietenia ...	Satin wood ...	Hurugalu mara.
Chunoca muttia (Terminalia tomentosa Bed).	.....	Tore matti mara.
Cinnamomum iners (Zeylanicum Bed).	Cinnamon ...	Dalchinni or yellagada.
Conocarpus latifolia (Anogeissus (Bed).	.....	Dindiga, dindlu or bejali mara.
Dalbergia sisoides (Latifolia Bed).	Blackwood ...	Bîté mara.
Emblica officinalis (Phyllanthus emblica Bed).	.....	Nelli mara.
Erythrina indica (Stricta Bed)	Indian coral tree ...	Hálivana mara.
Hardwickia binata ...	.....	Karachi cawarada or Asini mara.
Mangifera indica ...	Mango tree ...	Mavina mara.
Melia azadirachta (Azadirachta indica).	Neem tree ...	Kadbevina mara.
Michelia champaca (Nilagirica Bed).	.....	Sampige mara.
Myrobalan taria (Terminalia belerica Bed).	.....	Tari mara.
Nauclea cordifolia ...	.....	Arasinatyaga, Benteak or Hetige mara.
Pterocarpus marsupium ...	Kino tree ...	Honne mara.
Santalum album ...	Sandalwood ...	Gandhada mara.
Pemecarpus anacardium ...	Marking nut tree ...	Geru mara.
Sethia indica (Moringa pterygosperma Bed).	.....	Devadari mara.
Soymida febrifuga ...	Red cedar ...	Sîme mara.
Tectona grandis ...	Teak tree ...	Tyagada mara.

	Botanical name.	English name.	Canarese name.
	Terminalia coriacea (tomentosa Bed).	.....	Kari matti mara.
	Terminalia arjuna ...	.....	Billi matti mara.
	Terminalia tomentosa ...	.....	Matti mara.
	Vatica laccifera (Hopea parviflora Bed).	.....	Jálada mara.
	Vitex altissima	.....	Malé Nerale mara.
	SEVENTY-FOUR SPECIMENS.		
1	Stereospermum chelonoides.	.....	Bili padri maradakayi.
2	Stereospermum suaveolens.	.....	Vulunantrimaradakayi.
3	Adansonia digitata ...	Monkey bread tree bark.	Magimavurmara.
4	Wrightia antidysenterica...	Bark of conessi tree	Veppalarginkayi.
5	Chloroxylon swietenia ...	Satin wood tree (bark)	Harugalamarada chekke.
6	Wrightia tinctoria ...	The dyer's wrightia	.....
7	Garcinia pictoria ...	Gamboge tree (bark)	Gurigechakke.
8	Castanospermum Australe	Moreton Bay chesnut.	.....
9	Hura crepitans ...	Sand-box tree ...	.....
10	.....	.....	Kanchavalada Rayi.
11	Cycas circin nalis ...	Broad-leaved cycas fruit.	Godae esela.
12	Soymida febrifuga ...	Redwood fruit ...	Somchannu.
13	Trapa bispinosa ...	Two-spined water chesnut.	Singhara nut.
14	Pongamia glabra ...	Indian beech ...	Ploughi mara.
15	Myristica moschata ...	Wild nutmegs ...	.....
16	Centrosema plumierii ...	.....	.....
17	Pedalium murex ...	Prickly-fruited pedalium seed.	.....
18	Ditto (small) ...	Ditto	.....
19	Martyni annua ...	Tiger's mouth flowers	.....
20	Canarium commune ...	Java almond ...	Kaggalibija.
21	Agavé americana ..	American aloe seed.	.....
22	Ficus racemosa ...	Red-wood fig ...	Atthannu.
23	Ficus indica	Banyan fruit ...	Aladahannu.
24	Calamus rotang ..	Rattan seed ...	Bettadabija.
25	Do. a variety ...	Do. ...	Do.
26	Achyranthes aspera ...	Rough chaff flower seed.	Vuttaranibija.
27	Ogimum album ...	Hoary basil seed ...	Náyitulasibija.
28	Do. a variety ...	Do. ...	Do.
29	Caryophyllus aromaticus...	Clovebud ...	.....
30	Damia extensa ...	.....	Kolatigekaya.
31	Terminalia coriacea ...	.....	Mattibija.
32	Conocarpus latifolia ...	.....	Dindigebija.
33	Santalum album ...	Sandal-wood seed ...	Gandhadabija.
34	Vatica laccifera ...	Lac tree seed ...	Jalada bija.
35	Lapidium sativum ...	Garden cress ...	.....
36	Calophyllum inophyllum ...	Alexandrian laurel...	Pinne mara.
37	Sapindus emarginatus ...	Soap-nut ...	Puttrajivibija.
38	...	.....	Aratavaladakayi.

	Botanical name.	English name.	Canarese name.
39	Butea frondosa ...	Porasum seed ...	Muttugadabija.
40	Gossypium indicum ...	Country cotton seed	Allebija.
41	Grewia tiliæfolia ...	.....	Tarekayi.
42	Bambusa arundinacea ...	Bamboo seed ...	Bidarakki.
43	Nigella sativa ...	Small framel flower seed.	Karunsiragam.
44	Strychnos nuxvomica ...	Poison fruit ...	Kasarkana hannnu.
45	Do. ...	Poison nut ...	Do mara.
46	Semecarpus anacardium ...	Marking nut ...	Gerubija.
47	Agati grandiflora ...	Agati seed ...	Atasibija.
48	Hibiscus sabdariffa ...	Red sorrel seed ...	Pulachakire.
49	Anacardium occidentale ...	Cashew nut ...	Gerabija.
50	Psophocarpus tetragonolobus.	Goa bean ...	.....
51	Canavalia gladiata ...	Sword bean ...	.....
52	Moringa pterygosperma ...	Horse-radish fruit ...	Noggikayi.
53	Atriplex hortensis ...	Garden orach ...	.....
54	Menispermum cocculus ...	.....	.....
55	Amarantus polygamus ...	Country greens ...	Bagisoppu.
56	Do. oleraceus ...	Country green seed	Harivesoppu.
57	Emblica officinalis ...	Emblic myrobalan ...	Nellimara.
58	Basella alba	Indian tea seed ...	Bilibasaliballi.
59	.....	.....	.....
60	Cocos nucifera ...	Double cocoanut shell	Tenginachippu.
61	Dactyloctenium ægyptiacum.	Wild ragi ears and seeds.	Kadu ragi tené, bija.
62	.....	.....	Suppattigehuvvu.
63	.....	.....	Kalluhuvvu.
64	Acacia concinna ...	Soap-nut ...	Sigekayi.
65	.....	Silk cotton ...	Dudikayi and hatti.
66	.....	Margosa ...	.....
67	Tamarindus indica ...	Tamarind fruit ...	Hunasehannu.
68	Curcuma longa ...	Wild turmeric ...	Kaduarasina.
69	....	.....	Kachora.
70	Acacia concinna ...	Wild soa-pnut ...	Kadu sigekayi.
71	....	.....	Watehuli hapla.
72	Feronia elephantum ...	Wood apple ...	Byaladahannu.
73	Ægle marmelos ...	Bael fruit ...	Bilpatrehannu.
74	Chirogiasapida ...	.....	.....

CLASS LV.—OIL-SEEDS.

	Botanical name.	English name.	Canarese name.	Price per seer.
	TWENTY SPECIMENS.			
1	Arachis hypogea ...	Ground nut ...	Kadalekayi ...	Pies 6.
2	Argemone mexicana.	Mexican poppy ...	Dattúri ...	Annas 2.
3	Azadirachta indica .	Neem ...	Bévu ...	Do.
4	Bassia longifolia ...	Elopie ...	Hippé ...	Pies 6.
5	Carthamus tinctorius	Safflower ...	Kusumbé ...	Annas 2½.
6	Croton tiglium ...	Croton ...	Nepala ...	Anna.
7	Guizotea oleifera ...	Ramtil ...	Hutchellu ...	Annas 2.

Botanical name.	English name.	Canarese name.	Price per seer.
8 Jatropha curcus ...	Physic nut ...	Maraharalu ...	Pies 6.
9 Linum usitatissimum	Linseed ...	Agase ...	Annas 4.
10 Nicotiana tabacum...	Tobacco ...	Hogesoppu ...	.....
11 Papaver somniferum	Poppy ...	Gasagase ...	Annas 3.
12 Pongamia glabra ...	Kurrenj ...	Honge ...	Pies 3.
13 Raphanus sativus ...	Radish ...	Mullangi ...	.....
14 Ricinus communis ...	Castor, large ...	Doddaharalu ...	Anna 1.
15 Do. do. ...	Do. small ...	Chitharalu ...	Do.
16 Sesamum Indicum...	Gingelly ...	Achchellu ...	Pies 9.
17 Sinapis Alba ...	White mustard ...	Bilisasive ...	.....
18 Sinapis ramosa ...	Indian mustard ...	Sasive ...	Annas $2\frac{1}{2}$.
19 Helianthus annus ...	Sunflower ...	Suryakanti ...	Annas 2.
20 Semicarpus anacardium.	Marking nut ...	Geru ...	Pies 6.

CLASS LVI.—OILS.

Botanical name.	English name.	Canarese name.	Operation.
FORTY SPECIMENS.			
1 Aleurites triloba ...	Walnut oil ...	Alalekayiyanna ...	Purgative.
2 Amygdalus communis.	Almond oil ...	Badamiyanne ...	.....
3 Arachis hypogœa ...	Ground nut oil ...	Kadalekayiyanne	Mild laxative.
4 Agremone mexicana	Yellow thistle or Mexican poppy seed oil.	Datturiyanne ...	Purgative.
5 Azadirachta indica	Neem oil ...	Bevinayanne ...	Anthelmintic, useful in making soap.
6 Bassia longifolia ...	Elopie oil ...	Ippeyanne ...	Mild laxative.
7 Canarium commune	Java almond oil ...	Javabadamiyanne	.....
8 Carthamus tinctorius	Safflower seed oil	Kusumbabijadayanne.	.....
9 Celastrus paniculata	Black oil (oleum nigrum).	Kariyanne ...	Diophoretic, sudorific.
10 Cinnamomum iners	Cinnamon oil ...	Dalchinniyanne ...	Carminative.
11 Cocos nucifera ...	Cocoanut oil ...	Tenginayanne ...	Nutritive.
12 Croton tiglium ...	Croton seed oil ...	Nepalabijadayanne	Purgative.
13 Garcinia pictoria ...	The Indian gamboge.	Aridaladayanne ...	Emollient.
14 Guizotea oleifera ...	Ramtil oil ...	Hutchchelluyanne	.....
15 Hibiscus sabdariffa	Roselle seed oil ...	.....	.....
16 Jatropha curcus ...	Physic-nut oil ...	Bhediyanne ...	Purgative, rubefacient.
17 Linum usitatissimum.	Linseed oil ...	Agaseyanne ...	Aperient.
18 Nicotiana tabacum	Tobacco seed oil	Hogebijadayanne	Powerful sedative.
19 Papaver somniferum	Poppy seed oil ...	Gasgaseyanne ...	.....

Botanical name.	English name.	Canarese name.	Operation.
20 Pongamia glabra ...	Kurrenj oil ...	Hongeyanne ...	Used in rheumatism.
21 Raphanus sativus ...	White radish seed oil.	Bilimullangiyanne	.....
22 Ricinus communis, major.	Castor oil (large seeds).	Haralenne ...	Purgative.
23 Ricinus communis, minor.	Castor oil (small seed).	Chitharalenne ...	Do.
24 Santalum album ...	Sandalwood oil ...	Gandhadayanne ...	Diuretic.
25 Sesamum indicum ...	Gingelly oil ...	Vallenne ...	Mild laxative.
26 Sinapis alba ...	White mustard seed oil.	Bilisasiveyanne ...	Vesicant.
27 Sinapis ramosa ...	Indian mustard oil	Sasiveyanne ...	Ditto.
28 Helianthus annus ...	Sunflower oil ...	Suryakantibijadayanne.	
29 Cassia auriculata ...	Tanner's cassia oil	Tangadiyanne.	
30 Oleum nigrum ...	Black oil ...	Kariyanne ...	Diaphoretic, sudorific.
31 Solanum rubrum ...	Kachi grass oil ...	Kachihullinayanne.	
32 Hymenodyction excelsum.	Bandara oil ...	Bandarayanne.	
33 Pterocarpus marsupium.	The Indian kino oil.	Honnemaradayanne.	
34 Sethia indica ...	Indian sethia-wood oil.	.....	
35 Hibiscussp. ...	Oil of pundri tree	Pundribijadayanne.	
36 Achyranthes aspera	Oil of vuttarani ...	Uttaraniyanne.	
37 Michelia champaca	.....	Sampigeyanne.	
38 Pterocarpus marsupium.	Kino ...	Honne.	
39	.....	Maradayanne.	
40	.....	Maraginayanne.	

CLASS LVII.—SOAP, TALLOW, WAX AND OTHER OLEAGINOUS SUBSTANCES.

Bees wax in the comb.	Specimen of pot hives for domesticating bees.
Ditto melted and refined.	
Ditto do. and colored.	

CLASS LVIII.—HIDES, HORN, HAIR, BRISTLES.

Bison hide from Shimoga.	Bullock hide from Shimoga.
Buffalo hide from ditto.	

CLASS LIX.—LEATHER AND MANUFACTURES OF LEATHER.

Name.	Price. Rs. A. P.
One goat skin, tanned, white, from Chitaldroog	1 0 0
Ditto, do., black, ditto	0 12 0
Ditto, do., green, ditto	0 12 0

Name.	Price. Rs. A. P.
One goat skin, tanned, dark blue from Chitaldroog ...	0 12 0
Ditto, do., yellow ditto ...	0 12 0
Ditto, do., red ditto ...	1 0 0
One sheep skin, do., red, from Harihar ...	2 0 0
One goat skin, do., red, from Chitaldroog ...	0 8 0
Ditto, do., ditto ...	0 12 0
Two kid leather bags used by Fakirs ...	2 0 0

CLASS LXII.—SILK, RAW, COCOON AND THREAD.

Cocoon and thread from French Rocks.
Ditto ditto from Kunigal Taluk.
Ditto ditto fram Channapatna.

Cocoon and thread from Mr. J. L. Maclray, E. & A. I. Colony, Sausmond.
Ditto ditto from Mr. J. Sausman, Bangalore.
Dyed silk thread from Bangalore.

CLASS LXIII.—WOOL, RAW, AND YARNS.

WOOL.

White from Bangalore Central Jail.
Black „ ditto ditto.
White „ Chitaldroog.
Black „ ditto.
White „ Sira Taluk.
Black „ ditto.
Gray „ ditto.
Brown „ ditto.

YARNS.

White from Bangalore Central Jail.
Brown „ ditto ditto.
Black „ ditto ditto.
White „ Chitaldroog.
Black „ ditto.
White „ Sira Taluk.
Gray „ ditto.
Brown „ ditto.
Black „ ditto.

CLASS LXVI.—COIR AND MANUFACTURES THEREFROM.

Samples of coir and coir rug from the Bangalore Central Jail.

CLASS LXVII.—OTHER FIBRES AND MANUFACTURES THEREFROM.

Botanical name.	English name.	Canarese name.
Agave americana ...	American aloe ...	Budukattalenaru.
Agave americana variegata ...	Variegated aloe ...	Bannadakattale.
Fourcroya gigantea ...	Giant aloe ...	Masarukattale.
Ditto ...	Ditto ...	Ditto.
Sanseveira zeylanica ...	Bow-string hemp ...	Manjinaru.
Ditto (species) ...	Ditto ...	Ditto jati.
Yucca glaucescens ...	Adam's needle ...	Siménaru.
Ditto gloriosa ...	Ditto ...	Ditto jati.
Doryanthes palmerii ...	....	.....
Musa paradisiaca ...	Common plantain ...	Bálénaru.
Do. textilis ...	Manilla hemp ...	Ditto.
Grewia oppositifolia ...	.....	.....

Botanical name.	English name.	Canarese name.
Grewia columnaris ...	.....	.....
Do. (sp.) ...	.....	.....
Hibiscus rosa sinensis ...	Shoe flower ...	Dasvaladagida.
Ditto cannabinus ...	Hibiscus hemp ...	Pundinaru.
Pandanus furcatus ...	Screw pine ...	Talnaru.
Ananassa sativa ...	Pine apple ...	Annanas do.
Sanseveira (sp.) ...	Bow-string hemp ...	Manjinaru jati.
Cocos nucifera ...	Coir, or cocoanut fibre	Tenginanaru.
Crotalaria juncea ...	Sunn hemp ...	Sanabinanaru.
Pandanus furcatus variegata ...	Variegated screw pine	Talénaru jati.
Cyperus iria? ...	Indigenous sedge ...	.....
Cannabis sativa ...	Hemp ...	Bangigida.
Hibiscus esculentus ...	Okra ...	Bendakainaru.
Ficus benjamina ...	Java fig tree ...	.....
Triumfetta angulata ...	.....	.....
Bœhmeria nivea ...	China grass, or rhea	.....
Typha elephantina ...	Elephant grass ...	Jambunaru.
Abutilon striatum, var Thompsonii.	Thomson's abutilon	.....
Gauzuma tomentosa ..	Bastard cedar ...	Rudrakshimara.
Cordia myxa ...	Sepistan plum ...	Challemara.
Urena sinuata? ...	.....	.....
Hibiscus tiliaceus? ...	Cuba bast? ...	.....
Ficus venosa? Ait ...	.....	.....
Corchorous olitorius var. ...	.....	.....
Malachra capitata ...	.....	.....
Caraya arborea ...	.....	.....
Ficus (species) ...	.....	.....
Helicteres isara ...	Indian screw-tree ...	.....
Hibiscus tricuspis ...	.....	.....
Butea frondosa ...	Fibre of roots ...	.....
Bauhinia vahlii ...	.....	.....
Caryota ureus ...	Fibre of leaf-stalk ...	.....
Areuga saccharifera ...	Loose fibre from base of leaf-stalk.	.....
Hardwickia binat ...	.....	Karachimara.
Melia azaderachta ...	Neem fibre ...	.....
Calotropis gigantea ...	Mudar ...	.....
Ficus indica ...	Banyan ...	.....
Andropegon muricata ...	Cus-cus roots ...	.....

CLASS LXXIII.—LAC.

Lac from Tumkur.

CLASS LXXIV.—GUMS AND RESINS.

Botanical name.	English name.	Canarese name.
THIRTY SPECIMENS.		
1 Eriodendron anfractuosum	White cotton ...	Bilihati.
2 Veteria indica ...	White dammar ...	
3 Shorea talura ...	.....	Jalaridupa.

Botanical name.	English name.	Canarese name.
4 Canarium strictum ...	Black dammar ...	
5 Vaticalaccifera ...	Lac ...	Aragu.
6 Feronia elephantum ...	Wood apple ...	Byala.
7 Azadirachta indica ...	Margoza ...	Bévu.
8 Anacardium occidentale ...	Cashew nut ...	Géru.
9 Acacia arabica ...	Babul ...	Jáli.
10 Mangifera indica ...	Mango ...	Mavu.
11 Spondias mangifera ...	Wild mango ...	Goda.
12 Acacia catechu ...	Catechu ...	Tare.
13 Cochlospermum gossipium	Golden silk cotton ...	
14 Butea frondosa ...	Puras ...	
15 Pterocarpus marsupium ...	Kino ...	Honné.
16 Cassia auriculata ...	Tanner's cassia ...	Tangadi.
17 Araucaria excelsa ...	Norfolk island fine	
18 Moringa pterygosperma ...	Horse radish ...	Nugge.
19 Aegle marmelos ...	.....	Bilpatré.
20 Strychnos potatorum ...	Clearing nut ...	
21 Grevellea robusta ...	Silver oak ...	
22 Garcinia pictoria ...	Gamboge juice ...	
23 Garcinia pictoria ...	Gamboge ...	
24 Maradi (Acacia suma) ...	Maradi ...	Mugali.
25 Conocarpus latifolia ...	.....	Dindiga.
26	Aromatic gum ...	Halmaddi.
27 Buchanania latifolia ...	.....	Murkalu.
28	.....	Kalludúpa.
29	Incense ...	Halmaddi.
30	.....	Hagada.

CLASS LXXVI.—OTHER DYEING AND COLOURING MATERIALS.

Scientific name.	Popular name.	Canarese name	Part used.
Swietenia febrifuga ...	.....	Somechakke ...	Bark.
Sethia indica ...	.....	Devadarichakke ...	Do.
Todalia aculeata ...	Prickly toddalia ...	.....	
Bixa orellana ...	Annatto ...	Rangamalékayi ...	Seeds.
Curcuma longa ...	Turmeric ...	Arisina ...	Root.
Cæsalpinia sappan ...	Sappan wood ...	Patanga ...	Bark.
Butea frondosa ...	Pulas flower ...	Muttaga ...	Flower.
Hibiscus rosa sinensis	Shoe flower ...	Dasavala ...	Do.
Semecarpus anacardium	Marking nut ...	Géru ...	Seeds.
Terminalia chebula ...	Myrobalans ...	Alalekayi ...	Nut.
Morinda citrifolia ...	Indian mulberry root.	Maddi ...	Bark.
Vatica laccifera ...	Lac ...	Aragu	
Hæmatoylon campechianum.	Log wood ...	Patanga ...	From insect.
Coscinium fenestratum	Tree turmeric ...		Wood.
Roccella montagnei ...	Lichens of mango tree.	Marada arisina ...	Root.
Lichen rotundatus ...	Rock-moss ...	Kalluha ...	Whole plant.
Ventilago maderaspatena.	.....	Kallupachi	
		Poppali ...	Do.
		...	Bark.

Scientific name.	Popular name.	Canarese name.	Part used.
Rottlera tinctoria ...	Kamala dye ...	Kapilerangu ...	
Wrightia tinctoria ...	.....	Bephale ...	Leaf.
Garcinia pictoria ...	Gamboge powder	Aridala ...	
Tephrosia tinctoria ...	Ceylon indigo ...	Ceylam nili ...	Herbage.
Pterocarpus santalinus	Red sandalwood	Honnémara ...	Wood.
Buchanania latifolia ...	.....	.....	Leaves.
Cassia fistula ...	.....	Kakke ...	Bark.
Carthamus tinctorius ...	Safflower ...	Kusumba ...	Flower.
Casuarina muricata ...	.....	.....	Bark.
Cassia tora ...	Oval-leaved cassia	Tagasi ...	Seeds.
Cassia auriculata ...	Tanner's cassia flower.	Tangadi ...	Flower.
Do. ...	Golden cassia seeds.	Tangadi ...	Seeds.
Do. ...	.....	Tangadichakke ...	Bark.
Rubia munjista ...	Indian madder ...	.....	
Acacia arabica ...	Gum arabic ...	Kari jali or gobli	Do.
Areca catechu ...	Betel-nut ...	Adiké ...	Nut.
Acacia leucophlæa ...	.....	Topal ...	Bark.

CLASS LXXVII.—COLORS, PAINT, VARNISHES.

PREPARED LAC FOR LACQUERING ON WOOD.

Yellow.	Black.	Gold.
Green.	Vermilion.	Brown.

CLASS LXXVIII.—TOBACCO.

Tobacco from Battadapura. | Tobacco from Chitaldroog.

CLASS LXXX.—MATERIALS USED FOR BLEACHING, TANNING, AND CURRYING.

Scientific name.	Popular name.	Canarese name.	Part used.
Acacia leucophlœa ...	Panicled acacia ...	Togral naibela, bili-jali.	Bark.
Butea frondosa ...	Gum of pulas tree	Muttugadabanke...	Gum.
Bauhinia variegata ...	Mountain ebony bark.	.....	Bark.
Calotropis gigantea ...	The mudar ...	.....	Do.
Pterocarpus marsupium	Kino gum ...	Honnemarada-banke.	Gum.
Terminalia chebula ...	Myrobalans ...	Alalekayi ...	
Terminalia belerica ...	Belleric myro-balans.	Tarimara ...	
Acacia arabica ...	Pod of gum arabic tree.	Goblimara ...	
Acacia catechu ...	Catechu ...	Kachu ...	
Casuarina muricata ...	Cassowary tree, or beef-wood.	.....	

Scientific name.	Popular name.	Canarese name.	Part used.
Hibiscus rosa sinensis	Shoe flower ...	.....	Flower.
Zizyphus jujuba ...	Jujube tree ...	Yelchemara ...	Bark.
Nyctanthes arbor tristis	Night flowering jesamine.	.....	Do.
Buchanania latifolia	.....	.....	Do.
Quercus infectoria ...	Dyer's oak galls ...	Machikayi ...	Gall-nuts.
Cæsalpinia coriaria ...	Divi divi ...	.....	Fruit.
Cassia auriculata ...	Tanner's cassia bark.	Tangadi ...	Bark.
Punica granatum ...	Pomegranate ...	Dalimbri ...	Bark.
Do. ...	Bark of the pomegranate root.	Do. ...	
Careya arborea ...	Carey's tree ...	.....	Bark.

CLASS LXXXI.—OTHER PRODUCTS AND MANUFATURES NOT SPECIFIED.

THIRTY-ONE SPECIMENS OF HERBS AND ROOTS ON WHICH FAMINE-STRICKEN PEOPLE TRIED TO LIVE.

	Botanical name.	English name.	Canarese name.
1	... ...	.....	Kommesoppu.
2	Aschynomene grandiflora ...	.....	Agasesoppu.
3	Achyranthus muricata ...	.....	Akirgorajisoppu.
4	... ...	.....	Kolavankisoppu.
5	Amaranthus sp... ...	Country greens (seed)	Haravesoppu.
6	... ...	.....	Kariganikesoppu.
7	Bryonia grandis ...	.....	Tondesoppu.
8	... ...	.....	Honnavarikesoppu.
9	... ...	.....	Doddagannisoppu.
10	... ...	.....	Torsosisoppu.
11	Achyranthus triandra ...	.....	Ponnagantisoppu.
12	... ...	.....	Turchisoppu.
13	Elvolvulus alsinoides ...	.....	Godaravisoppu.
14	Clitorea ternatea ...	.....	Vishnukantisoppu.
15	Achyranthus aspera ...	.....	Utranisoppu.
16	... ...	.....	Konesoppu.
17	Amaranthus spinosus ...	.....	Mulharavesoppu.
18	... ...	.....	Kattesoppu.
19	... ...	.....	Masmarisoppu.
20	Acacia suma	.....	Mugalisoppu.
21	Amaranthus oleraceus ...	Country greens (seed)	Dantusoppu.
22	... ...	.....	Halmullangisoppu.
23	... ...	.....	Karihindisoppu.
24	... ...	.....	Karisalesoppu.
25	... ...	.....	Bilikommesoppu.
26	... ...	.....	Kulkoralebija tene.
27	Aloe indica	.....	Kattalesoppu.
28	... ...	.....	Koraletene kálu.
29	... ...	.....	Gotigadde.
30	... ...	.....	Tittagadde.
31	Erythroxylon monogynum	Bastard sandal ...	Devadarisoppu.

SECTION G.—MACHINERY AND IMPLEMENTS, MEANS OF TRANSPORT, &c.

CLASS LXXXII.—RAILWAY PLANT AND ROLLING STOCK, TRAMWAYS.

Model of a first class metre gauge railway carriage.
Model of a second class metre gauge railway carriage.
Model of a third class metre gauge railway carriage.
Model of a covered metre gauge railway goods wagon.

CLASS LXXXV.—MINING AND METALLURGY.

A SET OF ARTICLES USED BY THE NATIVES FOR WASHING GOLD.

A wooden plate.
An earthen do.
A cup.

CLASS LXXXVII.—ARTILLERY, ARMS, AMMUNITION, WAR MATERIAL.

A COLLECTION OF THIRTY-SEVEN ANCIENT ARMS FOR SHIELDS.

Slightly curved (*talwar*) sword, horn hilt with a tiger head.
Slightly curved (*talwar*) sword, brass foil covered hilt.
Dagger chased in gold with sheath, and two smaller knives.
Lever dagger of five blades, two of which are double saws.
Hunting knife with ivory handle.
Hunting knife with green glass handle with rubies and emeralds set in gold.
Knife with opal handle.
Small dagger with green ivory handle.
Plain handle dagger.
Thabbaru chased in gold with a knife in the handle.
Thabbaru chased in gold with a knife in the handle.
Dagger, with the images of Srinarasimha and Garuda carved on the handle.
Bronze dagger, with the image of Bennekrishna on the handle.
Small dagger, with a claw handle. "*Herige churi.*"
Flint lock musket with a battle-axe and bayonet attached.
Combination pistol and battle-axe.
"*Gada*" or heavy club ornamented with golden lines.
Combination battle-axe, stake and club.
Combination double-edged sword, battle-axe and trident.
Crane-head weapon (called "*Singoti*" in Canarese).
Combination musket and "*Ankusa.*"
Brass air gun.
Flint lock, double barrel, small pistol.
Flint lock, four barrel, brass pistol.
Combination pistol, with two blades.
Long pistol.
2 Long spears.
Long triangular spear.
Short spear.
Brass handled felling axe.
"*Puja singoti.*"
2 long muskets.
Short musket.
A long spear with plated handle.

CLASS XC.—CARRIAGES, VEHICLES, AND WHEELWRIGHT'S WORK.

Model of a Vaddar *bandy*.
Do. of a Hallu *bandy*.
Model of another description.

CLASS XCII.—BLACKSMITH'S WORK, LOCK, SAFES.

A COLLECTION OF NATIVE LOCKS.

Iron padlocks from Tumkur.
Brass locks from Bangalore.
Brass padlock do.
Brass lock from Tumkur by Yellaiva (price 5 Rs.)
Brass lock from Chitaldroog (price 12 Rs.)
Brass padlock from Tumkur (price 12 Rs.)
Brass padlock from Chitaldroog (price 10 Rs.)

SECTION H.—FOOD PRODUCTS.

CLASS CXIII.—SPICES.

Botanical name.	English name.	Canarese name.	Price per seer of 24 Rs. weight.
TWENTY-TWO SPECIMENS.			Rs. A. P.
1 Elettaria cardamomum from Sâgar.	Cardamom ...	Yalakki ...	1 8 0
2 Elettaria cardamomum from Kadur.	Ditto ...	Ditto ...	2 0 0
3 Elettaria cardamomum from Malnad.	Ditto ...	Ditto ...	
4 Elettaria cardamomum from Maddagiri.	Ditto ...	Ditto ...	
5 Cassia lignea ...	Cassia bark ...	Lavangapatte ...	
6 Cinnamomum iners ...	Wild cinnamon leaf.	Lavangayale ...	
7 Piper nigrum from Malnad.	Black pepper ...	Karimenasu ...	0 2 6
8 Piper nigrum from Ságar	Ditto ...	Ditto ...	0 2 0
9 Zingiber officinale ...	Ginger ...	Sunti ...	0 2 0
10 Cuminum cymimum ...	Cumin ...	Jerige ...	0 2 6
11 Trigonella fœnumgrœcum	Fenugreek ...	Menthya ...	0 1 0
12 Coriandrum sativum ...	Coriander ...	Kottamiri ...	0 0 6
13 Sinapis ramosa ...	Mustard ...	Sasive ...	0 0 10
14 Curcuma louga ...	Termeric ...	Arasina ...	0 1 0
15 Capsicum annum ...	Common chilly ...	Menasinakayi ...	0 1 0
16 Areca catechu ...	Betel-nut ...	Undadike ...	
17 Ditto from Sira ...	Ditto ...	Jajjadike ...	
18 Ditto ditto ...	Ditto ...	Podiadike ...	
19 Ditto from Kadur ...	Ditto ...	Lavangachur ...	0 12 0
20 Ditto ditto ...	Ditto ...	Ditto ...	
21 Ditto from Birur ...	Ditto ...	Ditto ...	
22 Ditto prepared into pills from Mysore.	Ditto ...	Adike ...	

CLASS CXV.—BREAD STUFFS AND ARTICLES MADE THEREFROM.

Uncooked specimen of sub-soil used as food.
Cooked specimen of ditto ditto.

CLASS CXVI.—ARROWROOT, TAPIOCA, SAGO.

Arrowroot grown and prepared by Mr. A. B. Thompson, Bangalore.
Raw sago from the Malabar sago palm, extracted in the Lal-Bagh (Caryota ursus).

CLASS CXXVI.—HONEY.

Honey from Chiknayakanhalli Taluk, Tumkur District.
Do. from Devarayadurga forest.

SECTION I.—AGRICULTURE AND HORTICULTURE.

CLASS CXXXVII.—AGRICULTURAL PRODUCTS.

Botanical name.	English name.	Canarese name.
A COLLECTION OF SIXTY-EIGHT SPECIMENS.		
1 Cynosurus coroacnus ...	Ragi	Majjigé ragi.
2 Ditto ...	Do.	Kari ragi.
3 Ditto ...	Do.	Kempu ragi.
4 Ditto ...	Do.	Channamudda ragi.
5 Ditto ...	Do.	Ginimuti ragi.
6 Ditto ...	Do.	Hullubilé ragi.
7 Ditto ...	Do.	Sové ragi.
8 Ditto ...	Do.	Kuruba ragi.
9 Ditto ...	Do.	Bili ragi.
10 Dactyloctenium Ægyptiacum.	Buffalo head grass seeds	Kadu ragi.
11 Panicum Italicum ...	Italian millet ...	Bili navane.
12 Ditto ...	Do. ...	Jadé navane.
13 Ditto ...	Do. ...	Kempu navane.
14 Ditto ...	Do. ...	Navane.
15 Ditto ...	Do. ...	Kari navane.
16 Ditto ...	Do. ...	Mabbu navane.
17 Ditto ...	Do. ...	Korale navane.
18 Ditto ...	Do. ...	Kari korale navane.
19 Panicum frumentaccum...	Little millet ...	Bili Sámé.
20 Ditto ...	Do. ...	Kari sámé.
21 Ditto ...	Do. ...	Mabbu sámé.
22 Panicum miliaceum ...	.....	Bili baragu.
23 Ditto ...	.....	Kari baragu.
24 Panicum semiverticillata	.....	Haraka.
25 Holcus spicatus ...	Spiked millet ...	Sajje.
26 Holcus sorghum ...	Great millet ...	Bili jola.

Botanical name.	English name.	Canarese name.
27 Zea mays	Maize or Indian corn ...	Jola.
28 Triticum vulgare ...	Wheat	Javé godhi.
29 Ditto ...	Do.	Hotte godhi.
30 Ditto ...	Common wheat ...	Godhi bhatta.
31 Ditto ...	Wheat	Godhi.
32 Bambusa arundinacea, *Schreb.*	Common prickly bamboo	Bidaru.
33 Arachis hypogea ...	Ground nut ...	Kadalekayi.
34 Cajanus indicus, *Spreng* ...	Pigeon pea or dholl ...	.....
35 Cicer arietinum ...	Bengal gram ...	Kempu kadale.
36 Ditto	Do. ...	Kari kadale.
37 Dolichos catiang ...	Small fruited dolichos...	Tadagani.
38 Ditto ...	Ditto ...	Do.
39 Ditto ...	Ditto ...	Do.
40 Ditto ...	Ditto ...	Do.
41 Dolichos biflorus ...	Horse-gram ...	Hurali.
42 Dolichos uniflorus ...	Do. ...	Do.
43 Ervum lens	Lentil	Massur.
44 Dolichos lablab ...	Cow gram	Madanasakkare avare.
45 Ditto ...	Do.	Avare.
46 Ditto ...	Do.	Do.
47 Ditto ...	Do.	Do.
48 Phaseolus mungo ...	Green gram ...	Hesaru.
49 Ditto ...	Do.	Hesarubele.
50 Phaseolus minimus ...	Black gram ...	Uddu.
51 Ditto ...	Do. ...	Uddinabele.
52 Coriandrum sativum ...	Coriander ...	Kotambari.
53 Sinapis nigra... ...	Common mustard ...	Sasive.
54 Sinapis alba	White mustard ...	Bilesasive.
55 Trigonella foenum græcum	Fenugreek ...	Menthya.
56 Ditto ...	Do. ...	Do.
57 Piper nigrum ...	Black pepper ...	Menasu.
58 Piper alba	White pepper ...	Bilimenasu.
59 Cuminum cyminum ...	Common cummin ...	Jirige.
60 Pimpinella anisum ...	Anise seed ...	Doddajirige.
61 Carum copticum ...	Bishop's weed ...	Oma.
62 Papaver somniferum ...	Opium poppy ...	Gasagase.
63 Sesamum indicum ...	Gingelly ...	Atchellu.
64 Guizotia cleifera ...	Foolish oil seed ...	Hutchellu.
65 Carthamus tinctorius ...	Safflower ...	Kusumba.
66 Linum usitatissimum ...	Linseed ...	Agasébija.
67 Hibiscus sabdariffa ...	The rozelle ...	Pundibija.
68	.....	Tiganibija.

A COLLECTION OF SEVENTY VARIETIES OF PADDY, Nos. 69 TO 145.

69 Oryza sativa	Paddy	Punajibhatta.
70 Ditto	Do.	Karibhatta.
71 Ditto	Do.	Channangibhatta.
72 Ditto	Do.	Garikesannabhatta.
73 Ditto	Do.	Kapilesanna.
74 Ditto	Do.	Kamakadle.
75 Ditto	Do.	Belekudaluchannangi.
76 Ditto	Do.	Baliputte.
77 Ditto	Do.	Kembhatta.
78 Ditto	Do.	Holadoddi.

Botanical name.	English name.	Canarese name.
79 Oryza sativa	Paddy	Ippanadabhatta.
80 Ditto ...	Do.	Hunisihuvinadoddi.
81 Ditto	Do.	Kapilisanna.
82 Ditto	Do.	Karsambalai.
83 Ditto	Do.	Belechannangi.
84 Ditto	Do.	Moralukanti.
85 Ditto	Do.	Gidkembhatta.
86 Ditto	Do.	Doddakemputirupatti.
87 Ditto	Do.	Sitabhoga.
88 Ditto	Do.	Sannabhatta.
89 Ditto	Do.	Kapilesanna.
90 Ditto	Do.	Kempupichibhatta.
91 Ditto	Do.	Karinellubhatta.
92 Ditto	Do.	Giddabhaira.
93 Ditto	Do.	Garikisanna.
94 Ditto	Do.	Garikisanna.
95 Ditto	Do.	Halubalu.
96 Ditto	Do.	Ditto.
97 Ditto	Do.	Bhangarkhaddi.
98 Ditto	Do.	Kenjaji.
99 Ditto	Do.	Ambamohari.
100 Ditto	Do.	Garakisanna.
101 Ditto	Do.	Sukadoss akki.
102 Ditto	Do.	Tondibhavisanna.
103 Ditto	Do.	Pullasanna.
104 Ditto	Do.	Belisanna.
105 Ditto	Do.	Dyavamallige.
106 Ditto	Do.	Garikisanna.
107 Ditto	Do.	Holadoddi.
108 Ditto	Do.	Hunisihuvinabhatta.
109 Ditto	Do.	Doddasanna.
110 Ditto	Do.	Manikyaraja.
111 Ditto	Do.	Belibudama,
112 Ditto	Do.	Belisanna.
113 Ditto	Do.	Gamagaddli.
114 Ditto	Do.	Krishnanela.
115 Ditto	Do.	Vanadoddi.
116 Ditto	Do.	Doddakembhatti.
117 Ditto	Do.	Kemputerupatti.
118 Ditto	Do.	Malligehuvinachannangi.
119 Ditto	Do.	Ganasole.
120 Ditto	Do.	Puttadoddi.
121 Ditto	Do.	Kempuchannangi.
122 Ditto	Do.	Murutingalinabhatta.
123 Ditto	Do.	Kenikullusanna.
124 Ditto	Do.	Kemuttisanna.
125 Ditto	Do.	Garakisanna.
126 Ditto	Do.	Garudachannangi.
127 Ditto	Do.	Kembhatta.
128 Ditto	Do.	Mallabhatta.
129 Ditto	Do.	Karbelebhatta.
130 Ditto	Do.	Muttinasaradabhatta.
131 Ditto	Do.	Doddasanna.
132 Ditto	Do.	Bhangarkhaddi.
133 Ditto	Do.	Kasarudoddi.

	Botanical name.	English nome.	Canarese name.
134	Oryza sativa... ...	Paddy	Hunisihuvinadoddi.
135	Ditto	Do.	Murarjulli.
136	Ditto	Do.	Halubolu.
137	Ditto	Do.	Karivuginachannangi.
138	Ditto	Do.	Garikisanna.
139	Ditto	Do.	Kembudisanna.
140	Ditto	Do.	Belesanna.
141	Ditto	Do.	Beledoddi.
142	Ditto	Do.	Mungosa akki.
143	Ditto	Do.	Baramuddi.
144	Ditto	Do.	Beledappa.
145	Ditto	Do.	Kempusaridoddi.

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

CLASS CXLV.—ARCHÆOLOGICAL COLLECTION.

AUTOGRAPHS OF EMINENT PERSONS.

Colonel Arthur Wellesley's signature, A. D. 1860.
Dewan Purnaiya's signature, 1808.
Sannad of Haidar Ali, A. D. 1836.
Signature and seal of Tippu Sultan.
An original *Paravana* by Tippu Sultan, A. D. 1798.

ANCIENT INSCRIPTIONS, &c., SEVEN ARTICLES.

6 Copper Shasana, A. D. 481.
7 Copper Shasana, A. D. 813.
8 Copper Shasana, A. D. 1760.
9 Copper Shasana, A. D.
10 Encaustic tile found in the ruins at Nagar.
11 Dewan Purnaiya's cubit measure.
12 Diagram found in the bed of Alsur tank.

COINS.

I. PERIOD FROM 1638 TO 1761.

GOLD.

1 Nonambavadi Varaha; coined at Hutchangidurga; dated 13th century; obverse, a figure of Kali; reverse, three lines in Halé Kannada characters, the middle one being "(No) nambavadi."
2 Krishna Raja's Pagoda; obverse, a central figure with two supporters; reverse, a rough surface without design or legend.
3 Krishna Raja's Pagoda; obverse, a figure with a double row of dots one either side; reverse a five-pointed star.

COPPER.

4 A five cash piece; obverse, the figure of an elephant, the head of which is to the right; reverse, crossed lines.
5 A five cash piece; obverse, the figure of an elephant; reverse, crossed lines.
6 A one cash piece; obverse, the figure of an elephant.

7 A five cash piece; obverse, the figure of an elephant with the symbol of the moon; reverse, crossed lines, in centre of squares, a circle.
8 A ten cash piece; obverse, the figure of an elephant with the symbols of the sun and moon.

II. PERIOD FROM 1761 TO 1799.

GOLD.

9 Old Bahaduri Varaha, coined by Haidar; coined at Bednore; dated 1763; value, Rs. 3-12; obverse, the figures of Siva and his wife; reverse, "ح" (hai) surrounded with dots.
10 Old Bahaduri Hana, coined by Haidar; coined at Bednore; dated 1763; value As. 4-8; obverse, the figures of Siva and his wife; reverse, "ح" (hai) surrounded with dots.
11 Sultani Fanam, coined by Tippu; coined at Seringapatam; dated 1783; obverse, "Patan" with date in Hindustani character above, surrounded by a circle of dots; reverse, "ح" (hai) Haidar's initial surrounded by a row of dots.
12 Nagar Sàle Hana, coined by Tippu; coined at Nagar; dated 1784; value As. 5-6; obverse, "Nagar" with date in Hindustani character above; reverse, "ح" (hai) Haidar's initial surrounded by a row of dots.
13 Calicut Fanam; coined by Tippu; coined at Calicut; dated 1784; obverse, "Calicut" with date in Hindustani character above; reverse, "ح" (hai) Haidar's initial surrounded by a circle.
14 Dhoti Fanam; coined by Tippu; dated 1785; obverse, "Furhi" with date above in Hindustani characters; reverse, "ح" (hai) Haidar's initial surrounded by a circle of dots.
15 Sidaki or half gold mohar; coined by Tippu; coined at Patan sara; dated 1788; value Rs. 12; obverse, legend in Hindustani "Mahomed Haidar by his victory made the religion of Mahomed Shain throughout the world. Sidaki, coined at Patan Sara, year 1216"; reverse, legend in Hindustani "God is the only king unequalled in justice."
16 Farokhi Pagoda; coined by Tippu; coined at Seringapatam; dated 1793; value Rs. 4-10; legend in Hindustani "Mahomed, a king unrivalled in justice; year 1221"; legend in Hindustani "Farokhi Patan year 11."

SILVER.

17 Nokara (double rupee); coined by Haidar; coined at Seringapatam; dated 1772; obverse, legend in Hindustani "The religion of Mahomed is spread abroad by the victory of Haidar"; reverse, legend in Hindustani "He that is one is a just king. Third of Bahari Sal Dalo year of his accession to the throne fourth."
18 Sultan's half rupee; coined by Tippu; coined at Seringapatam; dated 1788; obverse, legend in Hindustani "The religion of Mahomed is spread abroad by the victory of Haidar. *Abidi*—Sal Sara 1216"; reverse, legend in Hindustani "He is a just king only. Year of accession to the throne Sukh. Third Bahari, Sune julus, six."

COPPER.

19 A twenty cash piece; coined at Seringapatam; obverse, the figure of an elephant reversed; reverse, "Coin of Patan."
20 A twenty cash piece, coined at Seringapatam; obverse, the figure of an elephant reversed, together with a legend in Hindustani characters; reverse, legend in Hindustani in two lines—1st line "Zohara" (Venus), 2nd line "Zerb" (Coin), "Patan" (Seringapatam).
21 A ten cash piece; coined at Seringapatam; obverse, the figure of an elephant reversed; reverse, legend in Hindustani "Patan," "Zerb," surrounded with a circle of dots.

22 A ten cash piece; coined by Tippu; coined at Kalekhabad; obverse, the figure of an elephant with the date above it; reverse, "Kalekhabad Zerb."

23 A ten cash piece; coined at Bangalore; obverse, the figure of an elephant reversed with the date above it; reverse, legend in Hindustani with a circle of dots surrounding it, "Bangalore Zerb."

24 A one cash piece; coined at Bangalore; obverse, the figure of an elephant reversed with the date above it; reverse, legend in Hindustani, "Bangalore Zerb."

25 A twenty cash piece; coined at Seringapatam; obverse the figure of an elephant with date; reverse, Hindustani "Patan Zerb."

26 A five cash piece; coined at Seringapatam; dated 1772; obverse, the figure of an elephant reversed. "Date 1200"; reverse, Hindustani "Patan Zerb."

27 A twenty cash piece; coined at Seringapatam; dated 1782; obverse, the figure of an elephant. Date 1210; reverse, Hindustani "Patan Zerb."

28 A five cash piece; coined at Seringapatam; dated 1782; obverse, the figure of an elephant; reverse, legend in Hindustani, "Patan Zerb."

29 A twenty cash piece; coined at Seringapatam; dated 1784; obverse, the figure of an elephant. Date above 1212; reverse, legend in Hindustani surrounded with a circle of dots, "Patan Zerb."

30 A ten cash piece; coined at Seringapatam; dated 1784; obverse, the figure of an elephant. Date above 1212; reverse, legend in Hindustani surrounded with a circle of dots, "Patan Zerb."

31 A five cash piece; coined at Seringapatam; dated 1784; obverse, the figure of an elephant. Date above 1212; reverse, legend in Hindustani surrounded with a circle of dots, "Patan Zerb."

32 A twenty cash piece; coined at Islamabad; dated 1784; obverse, the figure of an elephant. Date above 1212; reverse, legend in Hindustani, "Islamabad Zerb."

33 A five cash piece; coined at Seringapatam; dated 1787; obverse, the figure of an elephant. "Date 1215"; reverse, legend in Hindustani surrounded with a circle of dots, "Patan Zerb."

34 A twenty cash piece; coined at Seringapatam; dated 1790; obverse, the figure of an elephant. "Date 1218"; reverse, legend in Hindustani surrounded with a circle of dots, "Patan Zerb."

35 A ten cash piece; coined at Seringapatam; dated 1790; obverse, the figure of an elephant. "Date 1218"; reverse, legend in Hindustani surrounded with a circle of dots, "Patan Zerb."

36 A five cash piece; coined at Seringapatam; dated 1790; obverse, the figure of an elephant. "Date 1218"; reverse, legend in Hindustani surrounded with a circle of dots, "Patan Zerb."

37 A ten cash piece; coined at Bangalore; dated 1790; obverse, the figure of an elephant. "Date 1218"; reverse, legend in Hindustani surrounded by a circle of dots, "Bangalore Zerb."

38 A five cash piece; coined at Bangalore; dated 1790; obverse, the figure of an elephant. "Date 1218; reverse, legend in Hindustani surrounded by a circle of dots, "Bangalore Zerb."

39 A twenty cash piece; coined at Farok; dated 1790; obverse, the figure of an elephant. "Date 1218"; reverse, legend in Hindustandi, "Farok, August Zerb."

40 A ten cash piece; coined at Zafarabad; dated 1790 obverse, the figure of an elephant. "Date 1218"; reverse, legend in Hindustani, "Zafarabad Zerb."

41 A twenty cash piece; coined at August Fort Gate; dated 1790; obverse, the figure of an elephant. "Date 1218"; reverse, legend in Hindustani, "Zarbe Hesari Farok Bob," "Coin of the August Fort Gate."

42 A ten cash piece; coined at Seringapatam; dated 1792; obverse, the figure of an elephant and above it "Date 1220"; reverse, legend in Hindustani surrounded by a circle of dots.

43 A five cash piece; coined at Seringapatam; dated 1792; obverse, the figure of an elephant reversed above the Hindustani letter B; reverse, legend in Hindustani surrounded by a circle of dots. Date 1220, 1st line "Akhbur" (star), 2nd line "Zerb" (coin), 3rd line "Patan."

44 A twenty cash piece; coined at Seringapatam; dated 1793; obverse, figure of an elephant with "1221" above it; reverse, legend in Hindustani surrounded by a circle of dots, "Patan," "Zerb."

45 A ten cash piece; coined at Seringapatam; dated 1793; obverse, figure of an elephant reversed with "1221" above it; reverse, legend in Hindustani surrounded by a circle of dots, "Patan," "Zerb."

46 A ten cash piece; coined at Seringapatam; dated 1794; obverse, figure of an elephant reversed with "1222" above it; reverse, legend in Hindustani surrounded by a circle of dots, "Patan," "Zerb."

47 A five cash piece; coined at Seringapatam; dated 1794; obverse, figure of an elephant reversed with "1222" above it; reverse, legend in Hindustani, 1st line "Akhbur," 2nd line "Patan," 3rd line "Zerb."

48 A ten cash piece; coined at Seringapatam; dated 1794; obverse, figure of an elephant above "1222" and legend in Hindustani "Sight of Mahomed"; reverse, legend in Hindustani, 1st line "Zohra" (Venus), 2nd line "Zerb" (coin), 3rd line "Patan."

49 A five cash piece; coined at Seringapatam; dated 1796; obverse, figure of an elephant reversed with the Hindustani letter "Alif" above; reverse, legend in Hindustani surrounded by circle of dots, 1st line "1224," 2nd line "Akhbur, Zerb, Patan."

III. PERIOD FROM 1799 TO 1843.

GOLD.

50 Krishnaraja Varaha; coined by Krishnaraja; coined at Mysore; dated 1811; value Rs. 4-8; obverse, images of Siva with Trisula and Damaraka in his hands and his wife with the symbols of the sun and moon above; reverse, legend in Nagari "Sri Krishnaraja," value Rs. 4-8.

51 Durgi Pagoda; coined by Krishnaraja; obverse, images of Durgi; reverse, legend in Nagari "Sri Krishna."

52 Durgi Pagoda; obverse, images of Durgi; reverse, legend in Nagari "Sri Pratapa Krishnaraja."

53 Durgi Hun; obverse, images of Durgi; reverse, legend in Nagari.

SILVER.

54 Krishnaraja's half rupee; dated 1816; obverse, figure of Chamundi surrounded with dots; reverse, legend in Hindustani "Krishnaraj Wodeyar. Coin of Mysore, 1244."

55 Maili Hana; obverse, figure of Chamundi surrounded with dots; reverse, legend in Canarese "Maili Hana."

COPPER.

56 A five cash piece; coined by Krishnaraja Wodeyar; obverse, figure of an elephant with symbols of the sun and moon; reverse, legend in Nagari in 3 lines "Sri Krishna Raj."

57 A five cash piece; coined by Krishnaraja Wodeyar; obverse, figure of an elephant, above which is "Sri" with symbols of the sun and moon; reverse, legend in Canarese and English, 1st line "Kasoo" (pie or coin), "Maili" (ancient); 2nd line "Epputhoo" (twenty); 3rd line, translation in English of the two lines.

58 A twenty cash piece; coined by Krishnaraja Wodeyar; obverse, figure of an elephant above which is "Sri" with symbols of the sun and moon;

reverse, legend in Canarese and English, 1st line "Kasoo" (pie or coin), "Maili" (ancient); 2nd line "Epputhoo" (twenty); 3rd line, translation in English of the two lines.

59 A five cash piece; coined by Krishnaraja Wodeyar; obverse, figure of an elephant, above which is "Sri" with symbols of the sun and moon; reverse, legend in Canarese, 1st line "Charjo" (four generations); 2nd line "Kasoo" (pie or coin); 3rd line "Idoo" (five); 4th line "V Cash."

60 A five cash piece; obverse, figure of an elephant, above which is "Sri" with symbols of the sun and moon and "Chamundi" (a deity of supreme power), above the figure of the elephant; reverse, legend in Canarese in four lines, 1st line "Krishna" (incarnation of God); 2nd line "Maili" (ancient); 3rd line "Kasoo" (pie or coin) 5; 4th line "V Cash."

61 A twelve and a half cash piece; obverse, figure of a lion above "Sri" with symbols of the sun and moon, the whole surrounded by a circle of dots; reverse, signed partly in Canarese and partly in Hindustani, the whole being surrounded by a circle of dots, 1st line "Krishna" (incarnation of God); 2nd line, "Zerb" (struck); 3rd line "Mahisur," Mysore; 4th line "$12\frac{1}{2}$."

62 A ten cash piece; obverse, figure of a lion above "Sri" with symbols of the sun and moon, the whole surrounded by a circle of dots; reverse, signed partly in Hindustani and partly in Canarese; 1st line "Krishna" (incarnation of God); 2nd line (H) "Mahisur" (Mysore); 3rd line (H) "Zerb" (struck).

63 A five cash piece; obverse, figure of a lion above "Sri" with symbols of the sun and moon and "Chamundi" (a deity of supreme power), the whole surrounded by a circle of dots; reverse, signed in Hindustani and partly in Canarese, 1st line, "Krishna" (incarnation of God); 2nd line, (H) "Mahisur" (Mysore); 3rd line, (H) "Zerb" (struck).

64 A twenty-five cash piece; coined at Mysore; obverse, figure of a lion above the usual "Sri" with symbols of the sun and moon, below which is "Chamundi" (a deity of supreme power), and the whole surrounded by a circle of dots; reverse, legend partly Hindustani and partly in Canarese, in the centre Canarese, "Krishna" (incarnation of God), surrounded with words in Canarese and English giving the value of the coin, "Maili" (ancient), "Kasoo" (pie or coin), "XXV," and in Hindustani the name of mint, "Mysore."

CLASS CXLVI.—WEAPONS AND IMPLEMENTS OF THE CHASE.

Nettle fibre to catch birds.
Net to catch partridges.
Net to catch jungle and pea-fowl.

Shikari kit of hill men—
(*a*) Woollen cap.
(*b*) Belt.
(*c*) Chopper.
Malnad bow and arrows.

N.-W. P. AND OUDH.

SECTION A.—FINE ARTS.

CLASS I.—PAINTINGS, DRAWINGS, AND ILLUMINATED MANUSCRIPTS.

Specimens of lacquer and painting on wood, from Bareilly, exhibited by Hafiz-ullah, old city, Bareilly, Rs. 12, *sale*, maker Hafiz-ullah.

Specimens of manuscript illumination, from Sitapur (Oudh), exhibited by Raja Amir Hasan Khan Bahadur, of Mahmudabad, *loan*, maker unknown.

* Shahnama, by the famous poet Firdausi, from Sitapur (Oudh), exhibited by Raja Amir Hasan Khan Bahadur, of Mahmudabad, *loan*, maker unknown.

Portion of Kuran, from Aligarh, exhibited by Haji Muhammad Ismail Khan, *loan*, maker unknown.

Hamail Sharif, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 100, *sale*, makers Agha Muhammad Hussain and Agha Ghulam Rasul, Kashmiris, in the service of the Nawáb.

Haft-band-kashi, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 30, *sale*, makers Agha Muhammad Hussain and Agha Ghulam Rasul, Kashmiris, in the service of the Nawáb.

Navidna nam bakhaté Suls Matala, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 70, *sale*, makers Agha Muhammad Hussain and Agha Ghulam Rasul, Kashmiris, in the service of the Nawáb.

Wasli toghra, 11, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 55, *sale*, makers Agha Muhammad Hussain and Agha Ghulam Rasul, Kashmiris, in the service of the Nawáb.

Specimen of painting on glass, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 15, *sale*, makers Agha Muhammad Hussain and Agha Ghulam Rasul, Kashmiris, in the service of the Nawáb.

Very old specimens of Arabic writing and illumination, 2, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 225, *sale*, written by a fine pen-man during the reign of Muhammad Shah of Delhi.

Portrait of Raja Ranjit Singh, from Saháranpur, exhibited by Babu Nand Lal, Superintendent, Saháranpur Collectorate, *loan*, artist unknown.

Portrait of Shaikh Sadi Shirazi, the famous Persian poet, from Saháranpur, exhibited by Nawáb Muhammad Akil Khan, *loan*, artist unknown.

† Portrait of Nur Jahan Begam, from Saháranpur, exhibited by Nawáb Muhammad Akil Khan, *loan*, artist unknown.

† Portrait of Shah Alam Badshah, from Saháranpur, exhibited by Nawáb Muhammad Ali Khan, *loan*, artist unknown.

† Portrait of Sultan Morad Baksh, from Saháranpur, exhibited by Nawáb Muhammad Akil Khan, *loan*, artist unknown.

† Portrait of Hazrat Ibrahim Adam, from Saháranpur, exhibited by Nawáb Muhammad Akil Khan, *loan*, artist unknown.

† Battle scene at Hyderabad, from Saháranpur, exhibited by Nawáb Muhammad Akil Khan, *loan*, artist unknown.

† Picture of a battle between Alamgir and Jaswant Singh, from Saháranpur, exhibited by Nawáb Muhammad Akil Khan, *loan*, artist unknown.

* A magnificient copy, fine alike in caligraphy, illumination, and in the texture of the paper.

† These are very old and fine coloured pictures. They are the property of the son of the late Nawáb Shaista Khan, and are supposed to have been granted to his ancestor, Nawáb Ghulam Ahmed Khan, by the Emperor Shah Alam. The date of execution cannot be ascertained. The last of those to which these remarks apply is particularly fine.

Specimen of Arabic caligraphy, 3, from Saháranpur, exhibited by Hakim Ahmed Uris, *loan*, writer unknown.
Shahnama, illuminated, from Agra, exhibited by Hakim Ishtiaq Ali, *loan*, writer unknown.
19 pictures from the Mahabharat, from Agra, exhibited by Municipal Committee, Agra, *loan*, artist unknown.
12 paintings on talc, representing servants, from Benares, exhibited by Municipal Committee, Benares, Rs. 3-8, *loan*, artist not known.
12 paintings on talc, representing Indian gods, from Benares, exhibited by Municipal Committee, Benares, Rs. 2-4, *loan*, artist not known.
12 paintings on talc, representing Indian trades and professions, from Benares, exhibited by Municipal Committee, Benares, Rs. 3-8, *loan*, artist not known.
12 paintings on talc, representing dancing girls and musicians, from Benares, exhibited by Municipal Committee, Benares, Rs. 3-8, *loan*, artist not known.
12 paintings on talc, representing different kinds of conveyances, from Benares, exhibited by Municipal Committee, Benares, Rs. 2-4, *loan*, artist not known.
12 paintings on talc, representing various subjects, festivals, &c., from Benares, exhibited by Municipal Committee, Benares, Rs. 7, *sale*, artist not known.
12 paintings on ivory, from Benares, exhibited by Municipal Committee, Benares, Rs. 515, *sale*, artist Chuni Lál.
Picture of two women grinding corn, from Lucknow, exhibited by Gunga Sahai, Rs. 31-14, *sale*, artist Ganga Sahai.

CLASS II.—SCULPTURE.

* Stone symbol of Mahadeva (Shiva linga), from Benares, exhibited by Municipal Committee, Rs. 100, *sale*.
Sample of ornamental stone carving, from Mirzapur, exhibited by Babu Bani Pershad, Rs. 60, *sale*, maker not known.

CLASS IV.—ENGRAVINGS AND LITHOGRAPHS.

A wooden frame containing impressions of seals, from Saháranpur, exhibited by Sayad Muhammad Ahsan, *loan*.
Woodcuts of sizes, 5, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.
Brass-stamp, plain, 1, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.
Brass-stamp, self-inking, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.
Seal, 1, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.
Die, 1, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

Lithography.

English writing, 4 specimens, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, done by Press workmen.
Hindi and Urdu writing, 4 specimens, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, done by Press workmen.

* Placed in the Ethnological collection.

CLASS V.—PHOTOGRAPHY.

* Two albums containing photographic views of the Benares ghâts, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.
† Panoramic views of the Benares ghâts in 32 separate pictures, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

CLASS VI.—WORKS OF ART NOT SPECIFIED.

‡ Chess (*Gyan chausar*), from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, *loan*.
§ *Kasida banat saad tarashida makraz*, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 30, *sale*.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASS VIII.—MAPS, CHARTS, AND GEOGRAPHICAL APPARATUS.

Maps and sketches, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, made by Press hands.

CLASS XII.—PRINTING AND BOOK-BINDING.

Specimens of lithography (5), from Meerut, exhibited by District Committee, *loan*, makers Mumtaz Ali Khan and Abdul Haq of Meerut.
A book on Medical science, from Sitapur, exhibited by Munshi Karamat Husain, Tahsildar of Sitapur, *loan*, maker Shaikh Bul Ali Sena.
‖ Kuran in Arabic, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 9-9, *loan*, maker Munshi Newal Kishore.
Kuran in Arabic, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 8-8, *loan*, maker Munshi Newal Kishore.
Kuran sharíf in small character, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 3-6, *loan*, maker Munshi Newal Kishore.
Gulistan in Persian, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 3-7, *loan*, maker Munshi Newal Kishore.
Bostan in Persian, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 3-3, *loan*, maker Munshi Newal Kishore.
Yusaf Zulekhan, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Re. 1-10, *loan*, maker Munshi Newal Kishore.
Farcha Muhammadi, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 2-2, *loan*, maker Munshi Newal Kishore.
Bhagvat in Hindi, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 7-7, *loan*, maker Munshi Newal Kishore.

* Riverside views of Benares and of Ramnagar, where the fort and palace of the Mahárája are situated.
† Riverside views of Benares and of Ramnagar, where the fort and palace of the Mahárája are situated.
Photographed by a native employé of His Highness the Mahárája.
‡ An artistic improvement on the ordinary game, devised by a relative of His Highness the Nawáb.
§ In place of writing with a pen, the characters in this book have been formed entirely by the aid of scissors.
‖ This press is well known throughout India, and exports books very largely to Central Asia by the Cabul traders who visit India in the cold season.

Sur Sagar in Hindi, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 4-13, *loan*, maker Munshi Newal Kishore.

Durga pát, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Re. 1-10, *loan*, maker Munshi Newal Kishore.

Ramayan, from Lucknow, exhibited by Munshi Newal Kishore, Hazratganj, Lucknow, Rs. 7-7, *loan*, maker Manshi Newal Kishore.

Stereo plates, 2, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

Electro plate, 1, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

Urdu types, 7 sizes, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan* makers Press workmen.

Hindi types, 4 sizes, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

Quotations, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

Lead rules, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

Leads, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

Punches 2, Matrices 2, with specimen types in Hindi and Urdu made from the matrices, from N.-W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

Specimens of binding, 2, from N. W. P. and Oudh, exhibited by Superintendent, Government Press, N.-W. P. and Oudh, *loan*, makers Press workmen.

CLASS XIV.—MUSICAL INSTRUMENTS.

Indian lute (*bin*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Indian lute, large (*magarbin*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Guitar (*sitar*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Indian lyre (*rudr-bin*), from Benares, exhibited by His Highness the Maháraja of Benares, *loan*.

Guitar, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Guitar (*sarad*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Sarsingar, from Benares, exhibited by His Highness the Maháraja of Benares, *loan*.

Mirdang, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.,

Sarangi, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Tusuri, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Sitar, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Sarbahar, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Hand-drum (*kingri*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Domaru, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Harak, from Benares, exhibited His Highness the Mahárája of Benares, *loan*.

Cymbal (*jhanjh*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Flute (*bansuli*), from Benares, exhibited His Highness the Mahárája of Benares *loan*.

A pair of small flageolets (*algoza*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Guitar with peacock ornamentation, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Rebeck (*rabab*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Small guitar (*tambura*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Sitarbin, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Chikara (small violin), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Small tambourine (*khanjari*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Flageolet (*algoza*), from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

Small cymbals, from Benares, exhibited by Municipal Committee, Benares, as. 4, *sale*.

Pair of small tambourines (*tabla*), from Benares, exhibited by Municipal Committee, Benares, Rs. 6, *sale*.

Sarángi, from Benares, exhibited by Municipal Committee, Benares, Rs. 9-4, *sale*.

Small guitar (*tambura*), from Benares, exhibited by Municipal Committee, Benares, Rs. 16-4, *sale*.

Guitar, seven-stringed, from Benares, exhibited by Municipal Committee, Benares, Rs. 10-4, *sale*.

Small fiddle, horse-hair-stringed, from Benares, exhibited by Municipal Committee, Benares, Rs. 3-8, *sale*.

Cymbals (*jhanj*), from Benares, exhibited by Municipal Committee, Benares, annas 12, *sale*.

Kartal, a kind of cymbal consisting of 2 iron pieces, from Benares, exhibited by Municipal Committee, Benares, annas 12, *sale*.

Gong (*gharial*), a plate of brass or bell-metal for sounding the hours, from Benares, exhibited by the Municipal Committee, Benares, Rs. 5-4, *sale*.

Brass bell (*ghanta*), from Benares, exhibited by Municipal Committee, Benares, Rs. 2-12, *sale*.

A gong (*bijay ghant phúl*) for religious ceremonies, from Benares, exhibited by Municipal Committee, Benares, Rs. 3-6, *sale*.

Vina or *bin*, stringed (Indian lyre), from Benares, exhibited by Municipal Committee, Benares, Rs. 32-8, *sale*.

Sarsingar, from Benares, exhibited by Municipal Committee, Benares, Rs. 42-8, *sale*.

Sarod, a kind of guitar with 13 strings, from Benares, exhibited by Municipal Committee, Benares, Rs. 21-8, *sale*.

* *Rabab* (rebeck), from Benares, exhibited by Municipal Committee, Benares, Rs. 62-8, *sale*.

Israr, a kind of fiddle with five wire strings, from Benares, exhibited by Municipal Committee, Benares, Rs. 8-4, *sale*.

Sarbahar, a large guitar with 16 wire strings, and a hollow gourd at either end, from Benares, exhibited by Municipal Committee, Benares, Rs. 32-8, *sale*.

Tasa, a kind of drum with two drumsticks, from Benares, exhibited by Municipal Committee, Benares, annas 12, *sale*.

Daf, a kind of octagonal tambourine, from Benares, exhibited by Municipal Committee, Benares, Rs. 2-8-6, *sale*.

Dhol (kettle-drum), from Benares, exhibited by Municipal Committee, Benares, Rs. 2, *sale*.

* A rebeck with six strings, played with two small pieces of ivory.

Mirdang, a long drum, from Benares, exhibited by Municipal Committee, Benares, Rs 9-4. *sale.*

Nagara, a kettle-drum with small earthenware sticks, from Benares, exhibited by Municipal Committee, Benares, Rs. 7, *sale.*

Khanjani, a small tambourine, from Benares, exhibited by Municipal Committee, Benares, annas 3, *sale.*

Damaru, a small drum shaped like an hour-glass, from Benares, exhibited by Municipal Committee, Benares, Rs. 2-8, *sale.*

Harak, a drum like a sand glass, generally played by Kahars or weavers, from Benares, exhibited by Municipal Committee, Benares, Re. 1-10, *sale.*

Dholak, a small drum, from Benares, exhibited by Municipal Committee, Benares, Re. 1-4, *sale.*

Shahnai, a clarion, from Benares, exhibited by Municipal Committee, Benares, Re. 1, *sale.*

Bansuli, a flute, from Benares, exhibited by Municipal Committee, Benares, annas 12, *sale.*

Múrchang (Jew's harp), from Benares, exhibited by Municipal Committee, Benares, annas 6, *sale.*

Algoza, a pair of small flageolets, from Benares, exhibited by Municipal Committee, Benares, Re. 1-4, *sale.*

Tumri, a musical instrument made of a hollow gourd and so called from its likeness to a crocodile's snout, from Benares, exhibited by Municipal Committee, Benares, annas 12, *sale.*

Konch or shell (*sankha*) blown as a horn by priests, from Benares, exhibited by Municipal Committee, Benares, Re. 1-2, *sale.*

Singhi (horn), kind of trumpet, from Benares, exhibited by Municipal Committee, Benares, annas 8, *sale.*

Guitar (*sitar*), from Benares, exhibited by Municipal Committee, Benares, Rs. 21-8, *sale.*

Qanam, a harp, from Benares, exhibited by Municipal Committee, Benares, Rs. 32-8, *sale.*

Marfa, a drum with earthen body, played with one stick, from Benares, exhibited by Municipal Committee, Benares, annas 8, *sale.*

Duke, a pair of drums played together, from Benares, exhibited by Municipal Committee, Benares, Re. 1-12, *sale.*

Rudra bina, a kind of Indian lyre with a long narrow body and a large dried calabash at either end, from Benares, exhibited by Municipal Committee, Benares, Rs. 42-8, *sale.*

Surbanda, a musical instrument like a violin with a body formed from a hollow gourd, from Benares, exhibited by Municipal Committee, Benares, Rs. 11-8, *sale.*

Guitar (*surbahar*), a musical instrument like a guitar with 12 strings of wire, with a lacquered gourd for the body, from Benares, exhibited by Municipal Committee, Benares, Rs. 32-8, *sale.*

Brass bugles, 2, from Lucknow, exhibited by Kunj Behari, Ahiaganj, Rs. 9-10, *sale.*

Brass flute, from Lucknow, exhibited by Kunj Behari, Ahianganj, Rs. 10-10, *sale.*

Sitar constructed from the shell of an ostrich egg, from Lucknow, exhibited by Government, North-Western Provinces and Oudh, Rs. 40, *sale*, maker not known.

* Wire for *sitar*, 6 skeins from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 18 at Rs. 4 per tola, *sale*, maker Muhammad Nazir.

* This manufacture has a wide reputation in Hindustan.

CLASS XV.—SCIENTIFIC INSTRUMENTS.

* Rain-gauge, from Bareilly, exhibited by Munni Lal, old city, Bareilly, Rs. 20, *sale*, maker Munni Lal.

† Models of astronomical instruments, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*, prepared by the late Babu Mul-Chand in consultation with Pandit Bapu Deva Shastri.—

‡ *Description of the Instruments.*

DIGANSA-YANTRA.—An instrument for finding the degrees of azimuth of a planet or star.

DHRUVA-PROTA CHAKRAYANTRA.—An instrument for finding the degrees of declination of a planet or star.

YANTRA-SAMRAT.—(Prince of instruments) for finding the distance (in time) from the meridian and the declination of a planet and star and of the sun and the right ascension of a planet or star.

BHITTI-YANTRA (a Mural Quadrant).—An instrument for finding the sun's greatest declination and the latitude of the place.

VISHUVAD-YANTRA (the Equinoctial circle).—An instrument for ascertaining the distance (in time) of the sun or of any star from the meridian.

PHALAKA-YANTRA (invented by Bhaskaracharya).—An instrument for finding the time after sun-rise.

The detailed account of this instrument may be found in the translation of the Siddhanta-siromani by Lancelot Wilkinson, Esq. (Bibliotheca Indica, p. 214).

CHAKRA-YANTRA.—An instrument for finding the altitude and zenith distance of the sun, and also the longitude of planets. (Bibliotheca Indica, p. 212).

CHAPA-YANTRA (semi-circle).— } Instruments for finding the zenith distance and
TURIYA-YANTRA (a Quadrant).— } altitude of the sun.

SANKU (Gnomon).—From its shadow are ascertained the points of the compass, the place of the observer, including latitude, &c., and time.

§ Armillary sphere, from Benares, exhibited by His Highness the Mahárája of Benares, *loan.*

SECTION D.—FURNITURE FOR THE USE OR DECORATION OF DWELLING-HOUSES, &c.

CLASS XXIII.—FURNITURE AND UPHOLSTERY.

‖ Lacquered chest on stand, from Bareilly, exhibited by Municipal Committee, Rs. 125, *sale*, maker Hafiz-ullah.

¶ Small white and gold coffer on stand, from Bareilly, exhibited by Municipal Committee, Rs. 18, *sale*, maker Hafiz-ullah.

¶ Small, black and gold coffer on stand, from Bareilly, exhibited by Municipal Committee, Rs. 16, *sale*, maker Hafiz-ullah.

* Original and very ingenious.

† The originals are in the Mana Mandira observatory in Benares.

‡ (The method of using these instruments is given in "The Mana Mandira Observatory," by Pandit Bápu Deva Sastri).

§ The Armillary sphere represents the following circles: namely, the Prime Vertical, Meridian, Horizon, Equinoctial, Ecliptic, &c., and by the threads that are fastened within the Globe, Hindu astronomers determine the parts of any spherical triangle on the Globe.

The detailed account of this sphere may be found in the translation of the Siddhanta-siromani by Lancelot Wilkinson, Esq. (*See* Bibliotheca Indica, pp. 151—176).

‖ Best class of work. Tun wood and real gold gilding; can be prepared in one-and-half-months by two men.

¶ Tun wood and real gold gilding; can be prepared in 20 days.

* Chair, white and gold lacquered, best quality, from Bareilly, exhibited by Municipal Committee, Rs. 13, *sale*, maker Nathu.

* Chair, black and gold, from Bareilly, exhibited by Municipal Commttee, Rs. 12, *sale*, maker Nathu.

† Chair, white and gold, second quality, from Bareilly, exhibited by Municipal Committee, Rs. 7-8, *sale*, maker Hafiz-ullah.

† Chair, black and gold lacquered, second quality, from Bareilly, exhibited by Municipal Committee, Rs. 7, *sale*, maker Hafiz-ullah.

‡ Chair, white and gold lacquered, third quality, from Bareilly, exhibited by Municipal Committee, Rs. 5, *sale*, maker Hafiz-ullah.

‡ Chair, black and gold lacquered, third quality, from Bareilly, exhibited by Municipal Committee, Rs. 5, *sale*, maker Hafiz-ullah.

Jardiniere of carved sissu work, from Bareilly, exhibited by Jai Ram Mistri, Rs. 100, *sale*, maker Jai Ram.

§ Small spider table, from Bareilly, exhibited by District Committee, Rs. 12, *sale*, maker Jai Ram.

Small spider table, from Bareilly, exhibited by District Committee, Rs. 12, *sale*, maker Jai Ram.

Conversation couch, from Bareilly, exhibited by District Committee, Rs. 55, *sale*, maker Tika Ram.

Conversation couch of white gold lacquer, from Bareilly, exhibited by District Committee, Rs. 58, *sale*, maker Tika Ram.

Camp office table in case complete, from Bareilly, exhibited by District Committee, Rs. 44, *sale*, maker Tika Ram.

‖ Four legs of bedstead (wood inlaid with brass), from Pilibhít, exhibited by District Committee, Rs. 4, *sale*, maker Midai Lal.

Despatch-box, from Aligarh, exhibited by Municipality, Rs. 13, *sale*, maker Tárá Chand of village Bhakra.

Drawing-room table, from Aligarh, exhibited by Haji Muhammad Ismail Khan, *Rais* of Datauli, Aligarh, *loan*, maker Muhammad Ali of village Gangiri.

Drawing-room chair, from Aligarh, exhibited by Haji Muhammad Ismail Khan, *Rais* of Datauli, Aligarh, *loan*, maker Muhammad Ali of village Gangiri.

¶ Chair (ebony carved), from Aligarh, exhibited by Kuar Muhammad Lutf Ali Khan, *Rais* of Talibnagar, Aligarh, *loan*, maker not known.

Bedstead legs (painted wood), one set of four, from Fatehpur, exhibited by District Committee, Rs. 4-4, *purchase*, maker not known.

Bedstead legs, two sets, from Fatehpur, exhibited by District Committee, Rs. 8-8, *purchase*.

Etágere, from Gházipur, exhibited by District Committee, Rs. 38, *sale*, Wood work by Doma Mistri, and paintings, black lacquer, and gilding by Lachman Kahár.

Bedstead legs, lacquered wood, from Sháhjahánpur, exhibited by District Committee, Rs. 2-11, *purchase*, maker Imám Ali of Tilhar.

CLASS XXIV.—GLASSWARE OF ALL KINDS.

Glass phials for keeping antimony, 6, from Saháranpur, exhibited by Municipal Committee, Deoband, as. 6, *sale*, maker Ali Baksh of Rampur, district Saháranpur.

Pipes (*mohnál*), 4, from Saháranpur, exhibited by Municipal Committee, Deoband, as. 10, *sale*, maker Ali Baksh of Rampur, district Saháranpur.

Cups, 6, from Saháranpur, exhibited by Municipal Committee, Deoband, as. 9, *sale*, maker Ali Baksh of Rampur, district Saháranpur.

* Best class of work. Tun wood and real gold gilding; can be prepared in 15 days.
† Tun wood and second-class gilding by silver leaf with gold wash over it.
‡ Tun wood and cheap copper gilding.
§ Made after an English model.
‖ Inlaid with wire(*tárkashi*).
¶ Made in the village of Talibnagar, Tahsil Koet, Alligarh.

Knife-handles (white agate), 20 dozs., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 7-8, *purchased*.

Knife-handles (white agate), 2 dozs., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 16, *purchased*.

Knife-handles (jasper), 1 doz.., from Bánda, exhibited by Government, N.-W. P, and Oudh, Rs. 6-14-6, *purchased*.

Knife-handles (agate), 1 doz., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 7-8, *purchased*.

Moss-agate, from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 2-10, *purchased*.

Moss-agate, from Bánda, exhibited by Government, N.-W. P. and Oudh, Re. 1-1, *purchased*.

Moss-agate 9 specimens, from Bánda, exhibited by Government N.-W. P. and Oudh, as. 8-6, each, *purchased*.

Moss-agate, from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 6-6, *purchased*.

Moss-agate, from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 6-6, *purchased*.

Knives (moss-agate), 4 dozs., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 22-6, *purchased*.

Knives (moss-agate), 4 dozs., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 8-8, *purchased*.

Knives (moss-agate), 3 dozs., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 2-6-6, *purchased*.

Knife (agate), from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 13, *purchased*.

Knives (agate), 2 dozs., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 4-4, *purchased*.

Knives, 4 dozs., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 3-4, *purchased*.

Moss-stone, from Bánda, exhibited by Government, N.-W. P. and Oudh, Re. 1-11, *purchased*.

Moss-stone, from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 8-6, *purchased*.

Moss-stone, from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 8-6, *purchased*

Moss-stone, from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 3-3, *purchased*.

Moss-stone, from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 8-6, *purchased*.

Pottery.

China plate with Arabic inscriptions, from Meerut, exhibited by District Committee, *loan*, maker not known.

* *Surahis*, 4, from Bulandshahr, exhibited by Bulandshahr Local Committee, Rs. 2-8, *sale*, maker Abdul Majid, potter of Khurjá.

* *Surahi*, 1, from Bulandshahr, exhibited by Bulandshahr Local Committee, Re. 1-2, *sale*, maker Abdul Majid, potter of Khurja.

* *Bádiyas* (cups), 2, from Bulandshahr, exhibited by Bulandshahr Local Committee, Re. 1-4, *sale*, maker Abdul Majid, potter of Khurjá.

* *Abkhorás*, 4, from Bulandshahr, exhibited by Bulandshahr Local Committee, Re. 1-4, *sale*, maker Abdul Majid, potter of Khurja.

* *Lota*, 1, from Bulandshahr, exhibited by Bulandshahr Local Committee, Rs. 2-10, *sale*, maker Abdul Majid, potter of Khurjá.

* *Lota*, 1, from Bulandshahr, exhibited by Bulandshahr Local Committee, as. 14, *sale*, maker Adbul Majid, potter of Khurjá.

* This work, though long in existence, has only attracted notice since its development and improvement under Mr. Growse's care. It is now probably the most effective of the various kinds of ware manufactured in the provinces.

* Jars (*imratban*), 2, from Bulandshadr, exhibited by Bulandshahr Local Committee, Rs. 2-8, *sale*, maker Abdul Majid, potter of Khurjá.
* Bowls, 3, from Bulandshahr, exhibited by Bulandshahr Local Committee, Re. 1-8, *sale*, maker Abdul Majid, potter of Khurjá.
* Bowls (large), 1, from Bulandshahr, exhibited by Bulandshahr Local Committee, as. 10, *sale*, maker Abdul Majid, potter of Khurjá.
* Plate, 1, from Bulandshahr, exhibited by Bulandshahr Local Committee, as. 8, *sale*, maker Abdul Majid, potter of Khurjá.
* Plate (large), 1, from Bulandshahr, exhibited by Bulandshahr Local Committee, as. 12, *sale*, maker Abdul Majid, potter of Khurjá.
* A set of 37 tiles arranged in a wooden frame, from Bulandshahr, exhibited by Bulandshahr Local Committee, Rs. 14, *sale*, maker Abdul Majid, potter of Khourjá.
† Flower-vases, 2, from Aligarh, exhibited by Aligarh Municipality, Rs. 3,* *sale*, maker Rúpa, potter, resident of Koel.
† Flower-vases, 1, from Aligarh, exhibited by Aligarh Municipality, as. 4, *sale*, maker Rúpa, potter, resident of Koel.
† Cup, 1, from Aligarh, exhibited by Aligarh Municipality, as. 2, *sale*, maker Rúpa, potter, resident of Koel.
† Goblets, 4, from Aligarh, exhibited by Aligarh Municipality, Re. 1, *sale*, maker Rúpa, potter, resident of Koel.
† Goblet, 1, from Aligarh, exhibited by Aligarh Municipality, as. 3, *sale*, maker Rúpa, potter, resident of Koel.
† Milk jug, 1, from Aligarh, exhibited by Aligarh Municipality, as. 4, sale, maker Rúpa, potter, resident of Koel.
† *Lota*, 4, from Aligarh, exhibited by Aligarh Municipality, as. 8, *sale*, maker Rúpa, potter, resident of Koel.
† *Lota* (small), 1, from Aligarh, exhibited by Aligarh Municipality, as. 2, *sale*, maker Rúpa, potter, resident of Koel.
† *Gamla* with *rikabi*, 2, from Aligarh, exhibited by Aligarh Municipality, as. 8, *sale*, maker Rúpa, potter, resident of Koel.
† Oil vessel, 1, from Aligarh, exhibited by Aligarh Municipality, as. 4, *sale*, maker Rúpa, potter, resident of Koel.
† Sugar-basin, 1, from Aligarh, exhibited by Aligarh Municipality, as. 4, *sale*, maker Rúpa, potter, resident of Koel.
† Goblet, 1, from Aligarh, exhibited by Aligarh Municipality, as. 8, *sale*, maker Rúpa, potter, resident of Koel.
† Goblet, 1, from Aligarh, exhibited by Aligarh Municipality, as. 6, *sale*, maker Rúpa, potter, resident of Koel.
† Oil vessel, 1, from Aligarh, exhibited by Aligarh Municipality, as. 2, *sale*, maker Rúpa, potter, resident of Koel.
† Boat, 1, from Aligarh, exhibited by Aligarh Municipality, as. 2, *sale*, maker Rúpa, potter, resident of Koel.
† Boat, 3, from Aligarh, exhibited by Aligarh Municipality, Re. 1-2, *sale*, maker Rúpa, potter, resident of Koel.
† *Chilam*, 1, from Aligarh, exhibited by Aligarh Municipality, as. 1, *sale*, maker Rúpa, potter, resident of Koel.
† *Hukka*, 3, from Aligarh, exhibited by Aligarh Municipality, as. 9, *sale*, maker Rúpa, potter, resident of Koel.
† *Hukka* (*nariyal*), 1, from Aligarh, exhibited by Aligarh Municipality, as. 2, *sale* maker Rúpa, potter, resident of Koel.
Sugar-bowl, 1, from Aligarh, exhibited by Aligarh Municipality, as. 3, *sale*, maker Rúpa, potter, resident of Koel.

* This work, though long in existence, has only attracted notice since its development an improvement under Mr. Growse's care. It is now probably the most effective of the various kinds of ware manufactured in the provinces.
† This art was only introduced about 12 years ago. The pottery is made of kankar (carbonate of lime), colored black by cow-dung smoke in a closed oven. The ornamentation, which is European in character, consists of fruit, flowers, &c., in relief, which are impressed in moulds and affixed to the surface of the vessel before baking.

nkstands, 5, from Saháranpur, exhibited by Municipal Committee, Deoband, as. 7-6, *sale*, maker Ali Baksh of Rampur, district Saháranpur.
'hials, 3, from Saháranpur, exhibited by Municipal Committee, Deoband, as. 12, *sale*, maker Ali Baksh of Rampur, district Saháranpur.
Vater-vessels, 2, from Saháranpur, exhibited by Municipal Committee, Deoband, Re. 1, *sale*, maker Ali Baksh of Rampur, district Saháranpur.
Vater-vessels, 2, from Saháranpur, exhibited by Municipal Committee, Deoband, as. 8, *sale*, maker Ali Baksh of Rampur, district Saháranpur.
pecimens of green crackle glass, from Nagina, Bijnor, exhibited by Government, N.-W. P. and Oudh, Rs. 15, *sale*.

CLASS XXV.—STONE UTENSILS, POTTERY, PORCELAIN, AND EARTHENWARE.

* A kneading trough (*pathorta*), from Agra, exhibited by Municipal Committee, Agra, as. 5, *sale*.
* A slab of red sandstone (*chakla*) used for rolling meal cakes, from Agra exhibited by Municipal Committee, Agra, as. 2-6, *sale*.
* A slab of white sandstone, from Agra, exhibited by Municipal Committee, Agra, as. 2-6, *sale*.
* A slab of white sandstone, from Agra, exhibited by Municipal Committee, Agra, as. 1-6, *sale*.
* A slab of red sandstone, from Agra, exhibited by Municipal Committee, Agra, as. 1-6, *sale*.
* Stone slab and crusher of white sandstone, from Agra, exhibited by Municipal Committee, Agra, as. 3, *sale*.
* Pestle and mortar of red sandstone, from Agra, exhibited by Municipal Committee, Agra, as. 2, *sale*.
* Pestle and mortar of white sandstone, from Agra, exhibited by Municipal Committee, Agra, as. 2, *sale*.
* Cup, from Agra, exhibited by Municipal Committee, Agra, as. 4-6, *sale*.
* Cup, mortar-shaped, red, used for grinding, from Agra, exhibited by Municipal Committee, Agra, as. 1-6, *sale*.
* Cup, mortar-shaped, white, 3 pieces, from Agra, exhibited by Municipal Committee, Agra, as. 1-6, *sale*.
* Covered cup (*udla*), from Agra, exhibited by Municipal Committee, Agra, as. 2-6, *sale*.

Carved Soapstone-work.

† Plates, large, 3, from Agra, exhibited by Nathu Rám and Jamna Náth, Rs. 18, *sale*, maker Nathu Rám.
Plates, oval, 3, from Agra, exhibited by Nathu Ram and Jamna Náth, Rs. 12, *sale*, maker Nathu Rám.
Plates, grape-leaf pattern, from Agra, exhibited by Nathu Rám and Jamna Náth, Rs. 3-8, *sale*, maker Nathu Rám.
Plates, from Agra, exhibited by Nathu Rám and Jamna Náth, Rs. 2, *sale*, maker Nathu Ram.

* The manufacture of these stone utensils is carried on in the muhallas on the bank of the Jumna, and gives occupation to about 500 men. The stone is brought from the quarries at Tantpur in the Agra district and Rupbas in Bhartpur. The manufactured articles are exported largely, and specially to the east. There is also a large local retail trade. The average profit is calculated at about 6 per cent., and the wages of the workmen are from 2 to 3 annas per diem. Usually Hindus are employed, and the trade, which is increasing, has been carried on for centuries.
(These wares are placed in the Sample Room of the Economic Court.)
† The manufacture of ornamental work in soapstone has been in vogue in Agra for about 30 years, and the delicacy of the carving and the beauty of patterns have acquired for its products a very wide popularity. The same workmen who prepare the well-known inlaid marble work are employed in the carving of soapstone articles. The trade is increasing rapidly.

Inkstand, from Agra, exhibited by Nathu Rám and Jamna Náth, Rs. 4, *sale* maker Nathu Rám.
Plate, from Agra, exhibited by Sewa Rám, Rs. 10, *sale*, maker Sewa Rám.
Plate, from Agra, exhibited by Sewa Rám, Rs. 6, *sale*, maker Sewa Ram.
Plate, from Agra, exhibited by Sewa Ram, Rs. 5, *sale*, maker Sewa Rám
Plates, rose-flower pattern, from Agra, exhibited by Sewa Rám, Rs. 8, *sale*, maker Sewa Ram.
Plates, rose-flower pattern, from Agra, exhibited by Sewa Rám, Rs. 6, *sale*, maker Sewa Rám.
Paper-weights, 3, from Agra, exhibited by Sewa Rám, Rs. 6, *sale*, maker Sewa Rám.
Paper-weights, 3, from Agra, exhibited by Sewa Ram, Rs. 2, *sale*, maker Sewa Rám.
Box, from Agra, exhibited by Sewa Rám, Rs. 3, *sale*, maker Sewa Rám.
3 pairs of shoes, from Agra, exhibited by Sewa Rám, Rs. 6, *sale*, maker Sewa Ram.
Inkstand, from Agra, exhibited by Sewa Ram, Rs. 6, *sale*, maker Sewa Ram.

Bánda stone-wares.

* Paper-weight (agate), from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 1-9-6, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla.
Paper-weight (pudding-stone), 9, from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 8-6, *purchased*.
Paper-weight (pudding-stone), from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 4-6, *purchased*.
Paper-weight (jasper), from Banda, exhibited by Government, N.-W. P. and Oudh, Re. 1-9-6, *purchased*.
Paper-weight (abri), from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 8-6, *purchased*.
Moss-stone, from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 13, *purchased*.
Moss-stone, from Banda, exhibited by Government, N.-W. P. and Oudh, Re. 1-1, *purchased*.
Paper-weight (rattak stone), from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 8-6, *purchased*.
Paper-weight (pattak stone), from Bánda, exhibited by Government, N.-W. P. and Oudh, as. 8-6, *purchased*.
Paper-weight (glass-stone), from Bánda, exhibited by Government, N.-W. P. and Oudh, Re. 1-1, *purchased*.
Paper-weight (agate), from Bánda, exhibited by Government, N.-W. P. and Oudh as. 9-6, *purchased*.
Knife-handles (agate), 1 doz., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 6-6, *purchased*.
Knife-handles (granite), 1½ doz., from Banda, exhibited by Government, N.-W. P and Oudh, Rs. 8, *purchased*,
Knife-handles (pudding-stone), 2 dozs., from Bánda, exhibited by Government N.-W. P. and Oudh, Rs. 10-10, *purchased*.
Knife-handles (jasper), 2 dozs., from Bánda, exhibited by Government, N.-W. P and Oudh, Rs. 14-14, *purchased*.
Knife-handles (onyx), 1 doz., from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 11-12, *purchased*.
Knife-handles (agate), 1 doz., from Bánda, exhibited by Government, N.-W. P and Oudh, Rs. 11-12, *purchased*.
Knife-handles (white agate), 2 dozs., from Bánda, exhibited by Government N.-W. P. and Oudh, Rs. 17, *purchased*.

* These ornamental wares have been procured from Bánda through the Collector. The stone from which they are manufactured is found in the Ken river, which runs through the district.

Cups, small size, 6, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 4-6, *sale*, makers Nabi Baksh and Buddhu, chinigar.
Silabchi, 1, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 10, *sale*, makers Nabi Baksh and Buddhu, chinigar.
Bowls, 2, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 3, *sale*, makers Nabi Baksh and Buddhu, chinigar.
A supplementary set of pottery, 67 in number, from Rámpur State, exhibited by H. H. the Nawáb of Rampur, Rs. 30, *sale*, makers Nabi Baksh and Buddhu, chinigar.
* Glazed pine-apple-shaped flower-pots, 2, from Agra, exhibited by Municipal Committee, Rs. 4-8, *sale*, maker Munna Lal.
* Glazed pine-apple-shaped flower-pots, yellow and green, 2, from Agra, exhibited by Municipal Committee, Rs. 4-8, *sale*, maker Munna Lal.
* Glazed pine-apple-shaped flower-pot, small, 1, from Agra, exhibited by Municipal Committee, Rs. 2-4, *sale*, maker Munna Lal.
* Glazed pine-apple-shaped flower-pot, lake colour, 1, from Agra, exhibited by Municipal Committee, Rs. 2-4, *sale*, maker Munna Lal.
* Brackets, from Jalaun, exhibited by District Committee, Rs. 2-10-6 each, *purchased*, maker Chhadami.
Brackets, from Jalaun, exhibited by District Committee, Rs. 5, *purchased*.
† 7 samples of tiles with different paintings, from Farukhabad, exhibited by Mr. Mulock, Judge of Farukhabad, through the Local Committe, Re. 1 each, *sale*.
Earthen cup, green, small, from Farukhabad, exhibited by Mr. G. J. Nicholls, Collector of Farukhabad, As. 4, *sale*.
10 plates, from Farukhabad, exhibited by Mr. G. J. Nicholls, Collector of Farukhabad, As. 6 each, *sale*.
Painted jar, from Farukhabad, exhibited by Mr. G. J. Nicholls, Collector of Farukhabad, Re. 1, *sale*.
‡ *Surahi*, large, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, Rs. 2, *purchased*.
‡ *Surahi*, small, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, Re. 1-8, *purchased*.
‡ *Surahi*, small, 2, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 9, *purchased*.
‡ *Surahi*, small, 2, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 12, *purchased*.
‡ *Surahi*, small, 5, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, Rs. 6-3, *purchased*.
‡ Flower-vase, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, Re. 1-2, *purchased*.
‡ Flower-vase, small, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 5, *purchased*.
‡ Soap-dish, 3, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 13-6, *purchased*.
‡ Butter-dish, 3, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 13-6, *purchased*.
‡ Box, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 9, *purchased*.
‡ Sugar bowl, large, 2, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 7, *purchased*.
‡ Sugar bowl, small, 2, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 4, *purchased*.
‡ Teapot, large, 2, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 12, *purchased*.

* The trade has only lately been started in Agra, but as the ware is popular, it seems likely to increase.
† This pottery is as yet inferior, but attention is being directed to its improvement.
‡ A polished black ware artistically ornamented with pattern in silver leaf. A secret art known only to three men, who are cultivators as well as potters.

* Sugar-pot, small, 2, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 7, *purchased*.
* Milk-jug, large, 2, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 7, *purchased*.
* Milk-jug, small, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 4, *purchased*.
* Cup and saucer, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 9, *purchased*.
* Cup and saucer, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 9, *purchased*.
* Dish, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, Re. 1-2, *purchased*.
* Egg-cups, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 5, *purchased*.
* Wine-glass, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 5, *purchased*.
* Agdan, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 9, *purchased*.
* Candlestick, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 9, *purchased*.
* Jug, 4, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, As. 4-6, *purchased*.
† A small collection of pottery, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 10, maker Jail labour.
‡ Earthen barrel, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, As. 4-3, *sale*, maker Jail labour.
‡ Earthen water pipes, from Allahabad, exhibited by Superintendent, Central Prison, Bareilly, As. 1-6, *sale*, maker Jail labour.
Flower-pots, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Re. 1-1 each, *sale*, maker Jail labour.
Earthen plates (imitation of porcelain), 6, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Re. 1-10, *sale*, maker Golab, potter.
Earthen plates (imitation of porcelain), 1, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, As. 5, *sale*, maker Golab, potter.
Earthen plates (imitation of porcelain), 4, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, As 9, *sale*, maker Golab, potter.
Earthen plates (imitation of porcelain), 3, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, As. 5, *sale*, maker Golab, potter.
Earthen bottles, 6, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Re. 1-10, *sale*, maker Golab, potter.
Earthen plate, small, 8, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, As. 9, *sale*, maker Golab, potter.
Earthen plate, red, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Rs. 2, *sale*, maker Golab, potter.
Flower-pots, red, 2, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Re. 1-1, *sale*, maker Golab, potter.
Flower-pots, green, 12, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, As. 9, *sale*, maker Golab, potter.
Teapot, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Rs. 3-3, *sale*, maker Golab, potter.
Glass with cover, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Rs. 2-6, *sale*, maker Golab, potter.
Chilam with cover, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Re. 1-5, *sale*, maker Golab, potter.

* A polished black ware artistically ornamented with pattern in silver leaf. A secret art known only to three men, who are cultivators as well as potters.
† This pottery is made from the clay round Naini; the coloring is made with cobalt and the glazing done with country glass. The mark is 'Naini' in Hindi.
‡ (To be found in Sample Room).

Spittoon, 2, from Aligarh, exhibited by Aligarh Municipality, as. 4, *sale*, maker Rúpa, potter, resident of Koel.
Glass, 3, from Aligarh, exhibited by Aligarh Municipality, as. 9, *sale*, maker Rúpa, potter, resident of Koel.
Cup and saucer, 1, from Aligarh, exhibited by Aligarh Municipality, as. 3, *sale*, maker Rúpa, potter, resident of Koel.
Kundi, 1, from Aligarh, exhibited by Aligarh Municipality, an. 1, *sale*, maker Rúpa, potter, resident of Koel.
Gulab-pásh (scent bottle), 1, from Aligargh, exhibited by Aligarh Municipality, as. 8, *sale*, maker Rúpa, potter, resident of Koel.
Gulab-pásh (scent bottle), from Aligarh, exhibited by Aligarh Municipality, as. 6, *sale*, maker Rúpa, potter, resident of Koel.
Saucers, 5, from Aligarh, exhibited by Aligarh Municipality, as. 12-6 pie, *sale*, maker Rúpa, potter, resident of Koel.
Tonba, 1, from Aligarh, exhibited by Aligarh Municipality, as. 4, *sale*, maker Rúpa potter, resident of Koel.
Plates, 3, from Aligarh, exhibited by Aligarh Municipality, as. 9, *sale*, maker Rúpa potter, resident of Koel.
A set containing milk-jug, tea-pot, sugar-bowl, cup and saucer, from Aligarh, exhibited by Aligarh Municipality, Re. 1-4, *sale*, maker Rúpa, potter, resident of Koel.
Goblets, 4, from Aligarh, exhibited by Aligarh Municipality, Rs. 4, *sale*, maker Rupram, potter, resident of district Koel, Aligarh.
Goblets, 6, from Aligarh, exhibited by Aligarh Municipality, Rs. 2-4, *sale*, maker Rupram, potter, resident of district Koel, Aligarh.
Goblets, with plate, 2 sets, from Aligarh, exhibited by Aligarh Municipality, Rs. 3 *sale*, maker Rupram, potter, resident of district Koel, Aligarh.
Flower-vases, 2, from Aligarh, exhibited by Aligarh Municipality, Rs. 2, *sale*, maker Rupram, potter, resident of district Koel, Aligarh.
* Earthen flower pot (white), from Saháranpur, exhibited by Municipal Committee, Re. 1-8-9, *sale*, maker Karim Bakhsh of Saháranpur.
* Earthen flower pot (yellow), from Saháranpur, exhibited by Municipal Committee, Re. 1-8, *sale*, maker Karim Bakhsh of Saháranpur.
* Earthen bottle, from Saháranpur, exhibited by Municipal Committee, Re. 1, *sale*, maker Karim Bakhsh of Saháranpur.
† Flower pots, 6, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 10 to Rs. 2-10, *purchased*, makers Potters of Amroha.
Vessel with spout, from Moradabad, exhibited by Sub-Committee, Moradabad, Re. 1-1-6, *purchased*, makers Potters of Amroha.
Vessel with spout, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 1-6, *purchased*, makers Potters of Amroha.
Vases, 2, from Moradabad, exhibited by Sub-Committee, Moradabad, Re. 1-14, *purchased*, makers Potters of Amroha.
Vase, from Moradabad, exhibited by Sub-Committee Moradabad, Rs. 2-10, *purchased*, makers Potters of Amroha.
Cups, 5, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 11 to Re. 1-2, *purchased*, makers Potters of Amroha.
Cups, 3, from Moradabad, exhibited by Sub-Committee, Moradabad, at as. 3-9 each, *purchased*, makers Potters of Amroha.
Cups, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 3, *purchased*, makers Potters of Amroha.
Cups, 6, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 2-3 to as. 3, *purchased*, makers Potters of Amroha.
Cup with bird, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 12, *purchased*, makers Potters of Amroha.

* Curious ware, heavily gilt.
† A peculiar thin and brittle ware made from a tenacious black clay found near the town. The vessels are colored white and ornamented in colors and in gold and silver leaf.

Betel-box, from Moradabad, exhibited by Sub-Committee, Moradabad, Re. 1-5, *purchased*, makers Potters of Amroha.

Mugs (*abkhora*), 2, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 4, *purchased*, makers Potters of Amroha.

Mugs (*abkhora*), 2, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 6, *purchased*, makers Potters of Amroha.

Mugs (*abkhora*), 2, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 1-6 each, *purchased*, makers Potters of Amroha.

Surahís, 8, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 9 to Re. 1-8, *purchased*, makers Potters of Amroha.

Imitations of minerals of different colours, 15, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 6 to as. 12, *purchased*, makers Potters of Amroha.

Tumblers, 2, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 3 to as. 3-3, *purchased*, makers Potters of Amroha.

Tumblers, 2, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 12 each, *purchased*, makers Potters of Amroha.

Tumblers, from Moradabad, exhibited by Sub-Committee, Moradabad, as. 1-6, *purchased*, makers Potters of Amroha.

* *Hukka* (*farshi*), from Rámpur State exhibited by H. H. the Nawáb of Rámpur, As. 8, *loan*, makers Nabi Baksh and Buddhu.

* *Hukka* (*gurguri*), from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 8, *loan*, makers Nabi Baksh and Buddhu.

* *Surái*, large, 2, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, Re. 1-8, *loan*, makers Nabi Buksh and Buddhu.

* *Surái*, medium size, 7, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, Rs. 3-8, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* *Surái*, small, 9, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, Rs. 3-6, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Scent bottle, 3, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, Re. 1-2, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Flower-vases, 6, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, Rs. 2-4, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Milk-jug, large, 1, Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 12, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Milk-jug small, 4, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, Rs. 2, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Plates, large, 6, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, Rs. 2-8, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Plates, large, 2, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, Rs. 2-8, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Plates, small, 6 from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 12, *sale*, makers Nabi Baksh and Buddhu, chinigar,

* Dishes, small, 5, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 7-6, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Snuff-boxes, 2, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 8, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* *Kulfi*, 2, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 2, *sale*, makers Nabi Baksh and Bhudhu, chinigar.

* *Gota dani*, 3, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, pie 9. *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Cups, large, 4, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 6, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* Cups, medium size, 5, from Rámpur State, exhibited by H. H. the Nawáb of Rámpur, As. 5, *sale*, makers Nabi Baksh and Buddhu, chinigar.

* A glazed pottery in white, dark blue, greenish blue, also dark claret color, cheap and effective. It owes much to the patronage of His Highness the Nawab. The clay is taken from a large tank near the town, and is, like that of Amroha, peculiarly well fitted for pottery manufacture.

Jugs, 6, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Re. 1-3, *sale*, maker Golab, potter.

Abkhoras with cover, 8, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Rs. 2-2, *sale*, maker Golab, potter.

Abkhoras with cover, 12, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Rs. 26, *sale*, maker Golab, potter.

Cup, 4, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, As. 9, *sale*, maker Golab, potter.

Glass, 2, from Lucknow, exhibited by Gulab, Husaingnnj, Lucknow, As. 5, *sale*, maker Golab, potter.

Abkhora with cover, 1, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, As. 2, *sale*, maker Golab, potter.

Goblet, large, 4, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Re. 1-10, *sale*, maker Golab, potter.

Goblet, small, 12, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Rs. 3-3, *sale*, maker Golab, potter.

Goblet, red, 3, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, As. 13, *sale*, maker Golab, potter.

Enamelled tiles, 12, from Lucknow, exhibited by Gulab, Husainganj, Lucknow, Rs. 3-3, *sale*, maker Golab, potter.

* Oil lamps (*chirags*), from Lucknow, exhibited by Gulab, Husainganj, As. 9, *sale*, maker Gulab, potter.

* Earthen plate, 6, from Lucknow, exhibited by Bhandi, Mukbulganj, Rs. 9-9, *sale*, maker Bhandí, potter.

* Chimney tiles, from Lucknow, exhibited by Bhandi, Mukbulganj, Re. 1-1, *sale*, maker Bhandi, potter.

* Cup with cover, from Lucknow, exhibited by Moti Lal, Rikabganj, Rs. 2-2, *sale*, maker Moti Lal, potter.

* Cup with cover, from Lucknow, exhibited by Moti Lal, Rikabganj, Re. 1-10, *sale*, maker Moti Lal, potter.

* Cup with cover, from Lucknow, exhibited by Moti Lal, Rikabganj, As. 13, *sale*, maker Moti Lal, potter.

* Goblet, from Lucknow, exhibited by Moti Lal, Rikabganj, Re. 1-10, *sale*, maker Moti Lal, potter.

* *Chilamchi* and *lota*, from Lucknow, exhibited by Moti Lal, Rikabganj, Rs. 5-5, *sale*, maker Moti Lal, potter.

* Goblet, from Lucknow, exhibited by Moti Lal, Rikabganj, Rs. 2-2, *sale*, maker Moti Lal, potter.

* Goblet (*jhajhar*), from Lucknow, exhibited by Moti Lal, Rikabganj, Rs. 3-3, *sale*, maker Moti Lal, potter.

* Flower-pots, 2, from Lucknow, exhibited by Moti Lal, Rikabganj, Rs. 1-10, *sale*, maker Moti Lal, potter.

* Tea-pot, from Lucknow, exhibited by Moti Lal, Rikabganj, As. 13, *sale*, maker Moti Lal, potter.

* Plates, 9, from Lucknow, exhibited by Moti Lal, Rikabganj, Re. 1-3, *sale*, maker Moti Lal, potter.

* Cup, 9, from Lucknow, exhibited by Moti Lal, Rikabganj, Re. 1-3, *sale*, maker Moti Lal, potter.

* Glass with cover, 6, from, Lucknow exhibited by Moti Lal, Rikabganj, As. 13, *sale*, maker Moti Lal, potter.

* Spittoon, 6, from Lucknow, exhibited by Moti Lal, Rikabganj, As. 13, *sale* maker Moti Lal, potter.

* Small *lotas*, 6, from Lucknow, exhibited by Moti Lal, Rikabganj, As. 13, *sale*, maker Moti Lal, potter.

* Cup with saucer, 5, from Lucknow, exhibited by Moti Lal, Rikabganj, As. 11, *sale*, maker Moti Lal, potter.

* Goblet, from Lucknow, exhibited by Moti Lal, Rikabganj, As. 13, *sale*, maker Moti Lal, potter.

* Excellent and artistic ware; some glazed in color, some painted, and in great variety.

* *Abkhora* with cover, 12, from Lucknow, exhibited by Moti Lal, Rikabganj Re. 1-10, *sale*, maker Moti Lal, potter.
* *Abkhora* with cover, 12, from Lucknow, exhibited by Moti Lal, Rikabganj Rs. 4-10, *sale*, maker Moti Lal, potter.
* *Abkhora* with cover, 3, from Lucknow, exhibited by Muhammad Ali, As. 13, *sale*, maker Muhammad Ali.
* Plates, 4, from Lucknow, exhibited by Bhawani Das, Ghasari Mandi, Rs. 12-12, *sale*, maker Bhawani Das, potter.
† Glazed *gharas*, 2, from Bara Banki, exhibited by District Committee, As. 8-6, *sale*, makers Potters of Dewa.
† Glazed *gharas*, small, 3, from Bara Banki, exhibited by District Committee, As. 6-3, makers Potters of Dewa.
† Indian porcelain cups, glazed, 11, from Bara Banki, exhibited by District Committee, As. 9-4, *sale*, makers Potters of Dewa.
† Indian porcelain cups, glazed, small-sized, 8, from Bara Banki, exhibited by District Committee, As. 4-8, *sale*, makers Potters of Dewa.
† Indian porcelain cups, glazed, green coloured, 3, from Bara Banka, exhibited by District Committee, As. 2-6, *sale*, makers Potters of Dewa.
† Indian porcelain cups, glazed, yellow-coloured, 8, from Bara Banka, exhibited by District Committee, As. 6-8, *sale*, makers Potters of Dewa.
† Indian porcelain saucers, 2, from Bara Banka, exhibited by District Committee, As. 1-8, *sale*, makers Potters of Dewa.
† Indian porcelain saucers, large, 1, from Bara Banka, exhibited by District Committee, Pies 10, *sale*, makers Potters of Dewa.
† Indian porcelain saucers, small, 3, from Bara Banka, exhibited by District Committee, As. 1, *sale*, makers Potters of Dewa.
† Indian porcelain saucers, small, flowered, 1, from Bara Banka, exhibited by District Committee, Pies 4, *sale*, makers Potters of Dewa.
† Indian green saucers, 2, from Bara Banki, exhibited by District Committee, As. 1-8, *sale*, makers potters of Dewa.
† Indian yellow saucers, 6, from Bara Banki, exhibited by District Committee, As. 5, *sale*, makers potters of Dewa.
† Indian yellow-flowered saucers, 16, from Bara Banki, exhibited by District Committee, As. 13-4, *sale*, makers potters of Dewa.
† Indian yellow-flowered small saucers, 6, from Bara Banki, exhibited by District Committee, As. 3-6, *sale*, makers potters of Dewa.
† Indian *jharfarsh*, 12, from Bara Banki, exhibited by District Committee, Re. 1-9, *sale*, makers potters of Dewa.
† Indian inkstand, 36, from Bara Banki, exhibited by District Committee, As. 9, *sale*, makers potters of Dewa.
‡ Painted water-vessel (*ghara*), from Gonda, exhibited by District Committee, price not given, *sale*, maker Idu painter of Atraula (four exhibits).
‡ Painted flower-pot, from Gonda, exhibited by District Committee, price not given, maker Idu, painter of Atraula (two exhibits).

CLASS XXVI.—METALWARE, HARDWARE, AND CUTLERY.

Cutlery.

Scissors, 2 pairs, from Meerut, exhibited by District Committee, Rs. 2, *sale*, maker Akhon of Meerut.
Betel-cutter (*sarota*), from Lalitpur, exhibited by District Committee, As. 8-6, *purchased*, maker Jhagru of Talbehat.
Betel-cutter (*sarota*), 4, from Sháhjahánpur, exhibited by District Committee, Rs. 17, *sale*, maker Mathra, Lohar.

* Excellent and artistic ware; some glazed in color, some painted, and in great variety.
† A very effective glazed ware in colors and artistic patterns. Most moderate in price.
‡ Painted in flower patterns with very pleasing effect.

Pen-knives, 2, from Sháhjahánpur, exhibited by District Committee, Rs. 2-2, *sale*, maker Mathra, Lohar.
Scissors, from Sháhjahánpur, exhibited by District Committee, Rs. 4-4, *sale*, maker Hajari, Lohar.

Brass and Copper wares.

* *Lota* (water-vessel), from Lalitpur, exhibited by District Committee, Rs. 2-8, *purchased*, maker Damru Sonar of Maraura.
* *Lota* (water-vessel), from Lalitpur, exhibited by District Committee, Rs. 2-13, *purchased*, maker Damru Sonar of Maraura.
Cup, from Lalitpur, exhibited by District Committee, Re. 1-5-6, *purchased*, maker Damru Sonar of Maraura.
Cup, from Lalitpur, exhibited by District Committee, Re. 1-4-6, *purchased*, maker Damru Sonar of Maraura.
Brass pen-case, from Gházipur, exhibited by District Committee, Rs. 5, *purchased*, maker Domo Mistri.
Lota (*kamarkhidar*), from Sitapur, exhibited by Thakur Pratap Rudra Singh, talukadar, Rampur, Muttra, district Sitapur, Rs. 14-12, *sale*, maker Gopal, iron-smith of Rampur, Mutra, district Sitapur.
Lota with cover, from Sitapur, exhibited by Thakur Pratap Rudra Singh, talukdar, Rampur, Muttra, district Sitapur, Rs. 3, *sale*, maker Gopal, iron-smith of Rampur, Mutra, district Sitapur.
Gilas (*kamarkhidar*), from Sitapur, exhibited by Thakur Pratap Rudra Singh, talukadar, Rampur, Muttra, district Sitapur, Rs. 2, *sale*, maker Gopal, iron-smith of Rampur, Mutra, district Sitapur.
Large *surahi* (*ganga-jamuni*) with stand, from Benares, exhibited by Mukandi, Re. 1-12, *sale*, maker same as exhibitor.
Lota (*ganga-jamuni*), half brass, half copper, from Benares, exhibited by Bachu, Rs. 2-2, *sale*, maker same as exhibitor.
Lota, small, from Benares, exhibited by Bachu, As. 14, *sale*, maker same as exhibitor.
Censer of copper used in *púja*, from Benares, exhibited by Bachu, Rs. 2-2, *sale*, maker same as exhibitor.
Pancha pátra, a vessel, like a mug, used in sprinkling holy water, from Benares, exhibited by Ramchurn, Rs. 2-5, *sale*, maker same as exhibitor.
Jhári, a water vessel used for sprinkling holy water, from Benares, exhibited by Jainarain, Re. 1-8, *sale*, maker same as exhibitor.
Large open dish, from Benares, exhibited by Jainarain, Rs. 8-12, *sale*, maker same as exhibitor.
A frying-pan with handles, from Benares, exhibited by Jainarain, Re. 2-6, *sale*, maker same as exhibitor.
Amrawati, from Benares, exhibited by Jainarain, As. 11, *sale*, maker same as exhibitor.
Abkhora, from Benares, exhibited by Jainarain, As. 7, *sale*, maker same as exhibitor.
A frying-pan, from Benares, exhibited by Sadasukh, Rs. 3-15, *sale*, maker same as exhibitor.
Abkhora, notched, from Benares, exhibited by Sadasukh, Re. 1-10, *sale*, maker same as exhibitor.
Garua with small spout, from Benares, exhibited by Sadasukh, Rs. 2-1, *sale*, maker same as exhibitor.
A polished drinking vessel, from Benares, exhibited by Sadasukh, Re. 1-5, *sale*, maker same as exhibitor.
Lutia tumbi, a drinking vessel, gourd shaped, like those used by fakirs, from Benares, exhibited by Husnu Kasera, As. 13, *sale*, maker same as exhibitor.
Kamandal, ditto, from Benares, exhibited by Husnu Kasera, Rs. 8-8, *sale*, maker same as exhibitor.

* Made of brass ornamented by inlaying small pieces of copper.

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Jhari, notched and with a large spout, from Benares, exhibited by Husnu Kasera, Rs. 8-8, *sale*, maker same as exhibitor.

Chambu, a water vessel used in worshipping, from Benares, exhibited by Husnu Kasera, Re. 1-10, *sale*, maker same as exhibitor.

Chambu, melon-shaped, from Benares, exhibited by Husnu Kasera, As. 13, *sale*, maker same as exhibitor.

Chambu with notches, from Benares, exhibited by Husnu Kasera, As. 11, *sale*, maker same as exhibitor.

8 round platters, diamond pattern, plain borders, from Benares, exhibited by Sitalparshad and Matadin, Rs. 24-4, *sale*, maker same as exhibitor.

Lota, polished inside, from Benares, exhibited by Beniparshad and Matadin, Rs. 2-4, *sale*, makers same as exhibitors.

Lota, inside unpolished, from Benares, exhibited by Beniparshad and Matadin, Rs. 2-4, *sale*, makers same as exhibitors.

Lota, Nagpori, bottom almost flat, large, from Benares, exhibited by Beniparshad and Matadin, Re. 1-8, *sale*, makers same as exhibitors.

Lota, almost flat, small, from Benares, exhibited by Beniparshad and Matadin Rs. 2, *sale*, makers same as exhibitors.

2 *belna* for making bread on a kneading trough, used by natives, from Benares, exhibited by Beniparshad and Matadin, Re. 1, *sale*, makers same as exhibitors.

Large brass platter (thali dakhini), as used in the south of India, from Benares exhibited by Beniparshad and Matadin, Re. 1-11, *sale*, makers same as exhibitors.

Small round platter, from Benares, exhibited by Beniparshad and Matadin, Re. 1 *sale*, makers same as exhibitors.

2 glasses, cup-shaped, from Benares, exhibited by Beniparshad, Rs. 1-4, *sale* maker same as exhibitor.

Batua, cooking vessel of brass and kaskut, large, from Benares, exhibited by Beniparshad and Matadin, Rs. 3-14, *sale*, maker same as exhibitor.

Batua, cooking vessel, small, from Benares, exhibited by Beniparshad and Matadin, Re. 1-14, *sale*, maker same as exhibitor.

2 glasses *tumbi*-shaped, like those used by fakirs, from Benares, exhibited by Beniparshad and Matadin, Re. 1-6, *sale*, maker same as exhibitor.

2 glasses (*kangnidar*), from Benares, exhibited by Beniparshad and Matadin Rs. 2, *sale*, maker same as exhibitor.

A pair of saucers, from Benares, exhibited by Beniparshad and Matadin, Re. 1-6 *sale*, maker same as exhibitor.

Spittoon, from Benares, exhibited by Beniparshad and Matadin, Rs. 3, *sale*, maker same as exhibitor.

Panch-patra, a muglike vessel used by Hindus in daily worship, from Benares, exhibited by Kasi Nath, Re. 1-4, *sale*, maker same as exhibitor.

Two *lotas* (*ganga-jamuni*), from Benares, exhibited by Kasi Nath, Re. 1-11-6, *sale*, maker same as exhibitor.

Vegetable-cutter, from Benares, exhibited by Kasi Nath, Re. 1-0-6, *sale*, maker same as exhibitor.

Lota, half brass and half copper, from Benares, exhibited by Chhotu, Re. 1-5, maker same as exhibitor.

Lutias with spouts, half brass and half copper, from Benares, exhibited by Chhotu, Re. 1-12, *sale*, maker same as exhibitor.

Pancha-patra, from Benares, exhibited by Chhotu, Re. 1-8, *sale*, maker same as exhibitor.

Copper plate, from Benares, exhibited by Chhotu, As. 12, *sale*, maker same as exhibitor.

6 little brass saucers used in púja to place the idol thereon, from Benares, exhibited by Baniprashad and Matadin, As. 12, *sale*, makers same as exhibitors.

A brass spoon used in cooking rice, from Benares, exhibited by Baniprashad and Matadin, As. 13-9, *sale*, makers same as exhibitors.

Kamandal of copper, used by sadhús (hermits) as a drinking vessel, from Benares, exhibited by Mukandi, Re. 1-8, *sale*, maker same as exhibitor.

Surahi with tripod (ganga-jamuni), from Benares, exhibited by Mukandi, Re. 1-4, *sale*, maker same as exhibitor.

A platter (*thali*), from Benares, exhibited by Baldeo Das, Rs. 5, *sale*, maker same as exhibitor.

A large *ghara*, Dhakini, from Benares, exhibited by Baldeo Das, Rs. 6, *sale*, maker same as exhibitor.

Brass *ghara*, Benares style, from Benares, exhibited by Baldeo Das, Rs. 2-12, *sale*, maker same as exhibitor.

Lota, Benares style, from Benares, exhibited by Baldeo Das, Rs. 2-8, *sale*, maker same as exhibitor.

Lota, Dakhini with flat bottom, from Benares, exhibited by Baldeo Das, Rs. 2, *sale*, maker same as exhibitor.

Dolchi with four saucers and stand, from Benares, exhibited by Baldeo Das, Rs. 3-8, *sale*, maker same as exhibitor.

Lota (*ganga-jamuni*), Benares style, of brass and copper, from, Benares exhibited by Baldeo Das, Re. 1-14, *sale*, maker same as exhibitor.

Large saucer, from Benares, exhibited by Baldeo Das, Re. 1-7, *sale*, maker same as exhibitor.

Large platter (*thali*), from Benares, exhibited by Baldeo Das, Rs. 3-8, *sale*, maker same as exhibitor.

A platter with three boxes which are notched, from Benares, exhibited by Baldeo Das, Rs. 2-8, *sale*, maker same as exhibitor.

Copper kettles, 2, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, *Rs. 3-3 to 4-4, sale*, makers same as exhibitors.

Copper betel case, 4, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, at Re. 1-5, *sale*, makers same as exhibitors.

Copper betel case dome-shaped, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Re. 1-10, *sale*, makers same as exhibitors.

Copper betel case, 5, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, As. 13 to Re. 1-5, *sale*, makers same as exhibitors.

Copper plates, 4, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, As. 7 to 11, *sale*, makers same as exhibitors.

Copper skeleton cup (kalib), 4, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, As. 4, *sale*, makers same as exhibitors.

* Copper plates, 18, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, *Rs. 0-7-9 to Re. 1-10-0, sale*, makers same as exhibitors.

Copper skeleton cup (kalib), 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Rs. 0-11-0, *sale*, makers same as exhibitors.

Copper trays, 5, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Re. 1-10-0 to Rs. 6-6-0, *sale*, makers same as exhibitors.

Copper bracket, small, 2, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Rs. 6-6-0 to Rs. 7-7-0, *sale*, makers same as exhibitors.

Copper cardamom cruet (chaughara), from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Rs. 5-5-0, *sale*, makers same as exhibitors.

Cover (*sarposh*), 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Re. 1-1-0, *sale*, makers same as exhibitors

Copper goblet, 2, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, @ Rs. 0-13-0, *sale, makers same as exhibitors.*

Copper betel case, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Rs. 26-9, *sale*, makers same as exhibitors.

Copper jug (*lota*), 1, *from Lucknow, exhibited by Makhan Lal, Narain Das,* Ahiaganj, Rs. 3-11, *sale*, makers same as exhibitors.

Copper betel case, dome-shaped, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, *Ahiaganj, Rs. 21-4, sale, makers same as exhibitors.*

Brass skeleton cup (*kalib*), 4, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, at As. 9, *sale*, makers same as exhibitors.

Brass *lotas*, 2, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, at Re. 1-10, *sale*, makers same as exhibitors.

* Lucknow does a large trade in these wares. Wages being much lower than in most towns of its size, these wares are produced very cheaply, and this large consignment was sent in order to extend trade with Calcutta. The plain ware is much of it to be found in the Sample Room.

Hukka bottom, oblong (*narial*), from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj. As. 13, *sale*, makers same as exhibitors.
Betel case, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Rs. 2-11, *sale*, makers same as exhibitors.
Brass betel case, dome-shaped, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Rs. 4-4, *sale*, makers same as exhibitors.
Electro-plated brass cardamom cruet, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Re. 1-10, *sale*, makers same as exhibitors.
Electro scent bottle (*atar dán*), 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Re. 1-10, *sale*, makers same as exhibitors.
Electro-glass with cover and platter, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Ahiaganj, Rs. 3-3, *sale*, makers same as exhibitors.
Copper betel case, 2, from Lucknow, exhibited by Bhagwan Das, Ahiaganj, at Rs. 6-6, *sale*, maker same as exhibitor.
Copper plates, 2 dozen, from Lucknow, exhibited by Bhagwan Das, Ahiaganj, Rs. 2-6 per dozen, *sale*, maker same as exhibitor,
* Brass *álams*, 4 pieces, from Lucknow, exhibited by Bhagwan Das, Ahiaganj, Rs. 6-6 to Rs. 7-7-3, *sale*, maker same as exhibitor.
Brass betel case, 2, from Lucknow, exhibited by Bhagwan Das, Ahiaganj, at Rs. 13, *sale*, maker same as exhibitor.
Brass dome-shaped, 3, from Lucknow, exhibited by Bhagwan Das, Ahiaganj, at As. 12, *sale*, maker same as exhibitor.
Brass *lotas*, small (*ghanti*), 4, from Lucknow, exhibited by Bhagwan Das, Ahiaganj, at As. 6, *sale*, maker same as exhibitor.
Copper plates, 16, from Lucknow, exhibited by Baili Mall, As. 9 to As. 13, *sale*, maker same as exhibitor.
Copper trays, 2, from Lucknow, exhibited by Baili Mall, at Re. 1-10, *sale*, maker same as exhibitor.
Brass betel case, dome-shaped, 2, from Lucknow, exhibited by Baili Mall, at Rs. 6-14, *sale*, maker same as exhibitor.
Brass lotas, 2, from Lucknow, exhibited by Baili Mall, Rs. 3-3 to Rs. 5-6, *sale*, maker same as exhibitor.
Copper betel case, 6, from Lucknow, exhibited by Baili Mall, at As. 13, *sale*, maker same as exhibitor.
Brass *lota* with cover, 1, from Lucknow, exhibited by Baili Mall, Rs. 2-10, *sale*, maker same as exhibitor.
Brass chandelier, 2, from Lucknow, exhibited by Sital Das, Ahiaganj, at Rs. 31-14, *sale*, maker same as exhibitor.
Brass lamp sticks, 2, from Lucknow, exhibited by Sital Das, Ahiaganj, at Rs. 15-15, *sale*, maker same as exhibitor.
Brass betel case, 2, from Lucknow, exhibited by Sital Das, Ahiaganj, at Rs. 3-3 to Rs. 3-12, *sale*, maker same as exhibitor.
Brass bread roller (*belan*), 1, from Lucknow, exhibited by Sital Das, Ahiaganj, Re. 1-5, *sale*, maker same as exhibitor.
Copper goblet, 2, from Lucknow, exhibited by Sital Das, Ahiaganj, at As. 13, *sale*, maker same as exhibitor.
Copper *lota* with cover, 2, from Lucknow, exhibited by Sheo Parshad, Ahiaganj, at Rs. 2-4, *sale*, maker same as exhibitor.
Copper plates, 10, from Lucknow, exhibited by Sheo Parshad, Ahiaganj, As. 8 to As. 9, *sale*, maker same as exhibitor.
Copper tray, 2, from Lucknow, exhibited by Sheo Parshad, Ahiaganj, at Re. 1-10, *sale*, maker same as exhibitor.
Copper betel case, 1, from Lucknow, exhibited by Sheo Parshad, Ahiaganj, Rs. 14-14, *sale*, maker same as exhibitor.
Copper dome-shaped, 1, from Lucknow, exhibited by Sheo Parshad, Ahiaganj, Rs. 5-5, *sale*, maker same as exhibitor.
Brass betel case, dome-shaped, 1, from Lucknow, exhibited by Sheo Parshad Das, Ahiaganj, Rs. 5-5, *sale*, maker same as exhibitor.

* Used in Mohurrum processions.

Brass oil can for torch, 1, from Lucknow, exhibited by Sheo Parshad Ahiaganj, Rs. 2-2, *sale*. maker same as exhibitor.
Brass *hukka* bottom, 1, from Lucknow, exhibited by Sheo Parshad Ahiaganj, Rs. 2-2, *sale*, maker same as exhibitor.
Brass alarms, electro-plated, 5, from Lucknow, exhibited by Sheo Parshad Ahiaganj, at Rs. 2-2, *sale*, maker same as exhibitor.
Brass box, electro-plated, 1, from Lucknow, exhibited by Sheo Parshad Ahiaganj, Rs. 26-9, *sale*, maker same as exhibitor.
Brass cooking pot (*patel*), 12, from Lucknow, exhibited by Tulsi Ram, Rs. 2-4 to Rs. 9-9, *sale*, maker same as exhibitor.
Brass candlestick, 6, from Lucknow, exhibited by Tulsi Ram, Rs. 2-2 to Rs. 3-7, *sale*, maker same as exhibitor.
Copper pitchers, 2, from Lucknow, exhibited by Lachman, at Rs. 5-5, *sale*, maker same as exhibitor.
Copper *lota*, 12, from Lucknow, exhibited by Lachman, Re. 1-7 to Rs. 4-4, *sale*, maker same as exhibitor.
Brass *hukka* bottom, 7, from Lucknow, exhibited by Makhan Lal, Narain Das, at Rs. 3-3, *sale*, makers same as exhibitors.
Brass betel case, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 6-6, *sale*, makers same as exhibitors.
Brass betel case, dome-shaped, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 12-12, *sale*, makers same as exhibitors.
Copper *lota*, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 6-6, *sale*, makers same as exhibitors.
Copper tray, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 6-6, *sale*, makers same as exhibitors.
Copper betel case, electro-plated, 3, from Lucknow, exhibited by Makhhan Lal, Narain Das, Re. 1-10 to Rs. 3-3, *sale*, makers same as exhibitors.
Copper *hukka* bottom, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 10-10, *sale*, makers same as exhibitors.
Copper alarm, electro-plated, from Lucknow, exhibited by Makhan Lal, Narain Das, at Rs. 7-7, *sale*, makers same as exhibitors.
Brass *hukka* bottom, 2, from Lucknow, exhibited by Baldeo, at Re. 1-5, *sale*, maker same as exhibitor.
Phúl (bell-metal) *hukka* bottom, 10, from Lucknow, exhibited by Janki Sukul, Re. 1-2 to Rs. 4-4, *sale*, maker same as exhibitor.
Copper *lota* with cover, 1, from Lucknow, exhibited by Mulchand, Ahiaganj, Re. 1-1, *sale*, maker same as exhibitor.
Copper *lota* with cover, 1, from Lucknow, exhibited by Mulchand, Ahiaganj, 11 annas, *sale*, maker same as exhibitor.
Copper *lota* with cover, 3, from Lucknow, exhibited by Mulchand, Ahiaganj, 5 annas to 10 annas, *sale*, maker same as exhibitor.
Copper *lagan*, 1, from Lucknow, exhibited by Mulchand, Ahiaganj, 7 annas, *sale*, maker same as exhibitor.
Copper tray, 1, from Lucknow, exhibited by Mulchand, Ahiaganj, 5 annas, *sale*, maker same as exhibitor.
Copper plate, 2, from Lucknow, exhibited by Mulchand, Ahiaganj, at 4 annas, *sale*, maker same as exhibitor.
Copper betel case, 1, from Lucknow, exhibited by Mulchand, Ahiaganj, 6 annas, *sale*, maker same as exhibitor.
Copper stand, 1, from Lucknow, exhibited by Mulchand, Ahiaganj, 7 annas, *sale*, maker same as exhibitor.
Copper plates, 2, from Lucknow, exhibited by Baili Mall, at 9 annas, *sale*, maker same as exhibitor.
Copper betel case, 3, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 2-2 to Rs. 3-7, *sale*, makers same as exhibitors.
Copper *lota*, 4, from Lucknow, exhibited by Makhan Lal, Narain Das, at Rs. 2, *sale*, makers same as exhibitors.
Copper betel case, dome-shaped, 8, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 4-4 to Rs. 10-10, *sale*, makers same as exhibitors.

Copper box, round (*pitari*), 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 5-5, *sale*, makers same as exhibitors.
Copper betel case, 3, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 8-8 to 12-12, *sale*, makers same as exhibitors.
Copper plate (large), 4, from Lucknow, exhibited by Makhan Lal, Narain Das, at Re. 1-10, *sale*, makers same as exhibitors.
Copper plates (small), *rikabi* 27, from Lucknow, exhibited by Makhan Lal, Narain Das, at Re. 1-10, *sale*, makers same as exhibitors.
Kaskut (mixed metal) *lota*, 6, from Lucknow, exhibited by Anant, Re. 1-3 to Re. 1-5, *sale*, same as exhibitor.
Kaskut cups, 4, from Lucknow, exhibited by Anant, Re. 1-1 to Re. 1-5, *sale*, maker same as exhibitor.
Copper cooking pot (*patel*), 6, from Lucknow, exhibited by Gopinath, Re. 1-10 to Rs. 4-13, *sale*, maker same as exhibitor.
A nest of 4 cooking pots, 1, from Lucknow, exhibited by Gopinath, Rs. 13-13, *sale*, maker same as exhibitor.
A nest of 8 cooking pots, 1, from Lucknow, exhibited by Gopinath, Rs. 15-15, *sale*, maker same as exhibitor.
Copper spittoon, 1, from Lucknow, exhibited by Panna Lal, Rs. 2-6, *sale*, maker same as exhibitor.
Copper *hukka* bottom, 1, from Lucknow, exhibited by Panna Lal, Rs. 2-2, *sale*, maker same as exhibitor.
Copper tray, 1, from Lucknow, exhibited by Panna Lal, Rs. 2-11, *sale*, maker same as exhibitor.
Copper betel case, 1, from Lucknow, exhibited by Panna Lal, 11 annas 1 pie, *sale*, maker same as exhibitor.
Copper betel-leaf case, 1, from Lucknow, exhibited by Panna Lal, 12 annas, *sale*, maker same as exhibitor.
Copper *besan* jar with cover, from Lucknow, exhibited by Panna Lal, 12 annas, *sale*, maker same as exhibitor.
Copper cup, from Lucknow, exhibited by Panna Lal, 6 annas, *sale*, maker same as exhibitor.
Copper plates, 4, from Lucknow, exhibited by Panna Lal, at 5 annas, *sale*, maker same as exhibitor.
Coppor cooking pots, 4, from Lucknow, exhibited by Rajan, at Re. 1-5, *sale*, maker same as exhibitor.
Copper dishes, 2 from Lucknow, exhibited by Rajan, Re. 1-10 to Rs. 2-10, *sale*, maker same as exhibitor.
Copper frying-pan, 1, from Lucknow, exhibited by Rajan, Re. 1-11, *sale*, maker same as exhibitor.
Copper basin (*tash*), 2, from Lucknow, exhibited by Rajan, Rs. 2-11-2 to Rs. 3-5, *sale*, maker same as exhibitor.
Copper cooking pots (*patel*), from Lucknow, exhibited by Rajan, 15 annas to Rs. 3-3, *sale*, maker same as exhibitor.
Brass *lotas*, 2, from Lucknow, exhibited by Rajan, Re. 1-7 to Re. 1-12, *sale* maker same as exhibitor.
Brass candlestick, 1, from Lucknow, exhibited by Sahai, Rs. 3-5, *sale*, maker same as exhibitor.
Brass betel-case, 1, from Lucknow, exhibited by Sahai, Rs. 4-15, *sale*, maker same as exhibitor.
Brass *hukka* bottom, 1, from Lucknow, exhibited by Sahai, Re. 1-5, *sale*, maker same as exhibitor.
Phul (bell-metal) spittoon, 1, from Lucknow, exhibited by Sahai, Rs. 21-4, *sale*, maker same as exhibitor.
Phul pakha bottom, 1, from Lucknow, exhibited by Sahai, Rs. 2-11, *sale*, maker same as exhibitor.
Copper cooking pot, 1, from Lucknow, exhibited by Sahai, Re. 1-2, *sale*, maker same as exhibitor.
Copper betel case, 2, from Lucknow, exhibited by Sahai, Re. 1-14 to Rs. 2-11, *sale*, maker same as exhibitor.

Copper boxes (*dabbi*), 20, from Lucknow, exhibited by Sahai, 4 annas to 7 annas, *sale*, maker same as exhibitor.
Copper cups (small), 10, from Lucknow, exhibited by Sahai, 6 annas to 7 annas, *sale*, maker same as exhibitor.
Copper cooking spoons, 2, from Lucknow, exhibited by Sahai, at 8 annas.
Copper cooking spoons, small, 2, from Lucknow, exhibited by Sahai, at 8 annas, *sale*, maker same as exhibitor.
Copper tea-spoons, 2, from Lucknow, exhibited by Sahai, at 2 annas, *sale*, maker same as exhibitor.
Copper frying-pan, 4, from Lucknow, exhibited by Sahai, Rs. 2-7 to Rs. 3-9, *sale*, maker same as exhibitor.
Phul (bell-metal) box round, 1, from Lucknow, exhibited by Sahai, Re. 1-1 to Rs. 4-4, *sale*, maker same as exhibitor.
Iron bits, 4 sets, from Lucknow, exhibited by Lalta, Re. 1-1 to Rs. 4-4, *sale*, maker same as exhibitor.
Phul (bell-metal) platters, 4, from Lucknow, exhibited by Nanhey Mall, Yahiaganj, Rs. 2 to Rs. 2-6, *sale*, maker same as exhibitor.
Mixed metal *lota*, 4, from Lucknow, exhibited by Nanhey Mall, Yahiaganj, Rs. 2 to Rs. 2-6, *sale*, maker same as exhibitor.
Copper *lota*, 1, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 5-5, *sale*, makers same as exhibitors.
Copper betel case, 2, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 6-6 to Rs. 7-7, *sale*, makers same as exhibitors.
Copper agan (dish), 1, from Lucknow, exhibited by Makhan Lal, Narain Das Rs. 6-6, *sale*, makers same as exhibitors.
Copper plate, large, 3, from Lucknow, exhibited by Makhan Lal, Narain Das, at Rs. 2-2, *sale*, makers same as exhibitors.
Copper plate, 2 dozens, from Lucknow, exhibited by Makhan Lal, Narain Das, at Rs. 19-2-2 per dozen, *sale*, makers same as exhibitors.
Copper plate, 10, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 10-0-10, *sale*, makers same as exhibitors.
Copper *lagan*, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 6-6, *sale*, makers same as exhibitors.
Copper *lota*, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 10-10, *sale*, makers same as exhibitors.
Copper tray, from Lucknow, exhibited by Makhan Lal, Narain Das, Rs. 31-14, *sale*, makers same as exhibitors.
Brass spear, 2, from Lucknow, exhibited by Municipal Committee, at Rs. 4-13, *sale*, maker Sundar Lal.
* Country oil lamp (*shamadan*), from Jhánsi (Mau), exhibited by District Committee, Rs. 4-4, *purchased*, maker Panchi Tamira of Mau.
† Country chandelier, from Jhansi (Mau), exhibited by District Committee, Rs. 13-7, *purchased*, maker Panchi Tamira of Mau.
‡ Urn-shaped cups, 2, from Jhansi (Mau), exhibited by District Committee, Rs. 5-9, *purchased*, maker Salli of Kharon.
‡ Urn-shaped cups, small, 2, from Jhansi (Mau), exhibited by District Committee, Rs. 2-10-6, *purchased*; maker Salli of Kharon.
‡ Goblet, small, from Jhansi (Mau), exhibited by District Committee, As. 15, *purchased*, maker Salli of Kharon.
‡ *Ghanti*, brass vessel, small, from Jhansi (Mau), exhibited by District Committee, Re. 1-5-6, *purchased*, maker Salli of Kharon.
‡ *Lota*, large, from Jhansi (Mau), exhibited by District Committee, Rs. 3-5, *purchased*, maker Salli of Kharon.
‡ *Lota* (ganga-jamni), brass ornamented with copper inlaid, from Jhansi (Mau), exhibited by District Committee, Rs. 3-7-6, *purchased*, maker Shalli of Kharon.

* With single burner for seven wicks; peculiar to this place and much prized by the natives.
† With 14 branches and burners and one on the main stem, and each burner with room for 7 wicks; peculiar to Mau and much prized by the natives.
‡ Made of bell-metal. The alloy is supposed to resist the action of acid.

Bell, from Jhansi (Mau), exhibited by District Committee, As. 13, *purchased*, maker Gungadhar of Mau.

* *Patwaris'* inkstands, 2, from Jhansi (Mau), exhibited by District Committee, Rs. 11-12, *purchased*, maker Salli of Kharon.

† Ornaments for cart bullocks, 2 sets, from Jhansi (Mau), exhibited by District Committee, Rs. 4-12-6, *purchased*, maker Debi Sonar of Mau.

‡ *Ganj-ka-dol*, containing 21 cooking utensils, *viz.*, 1 *dol*, 1 *bhagona*, 2 *rikabis*, 2 *katoras*, 2 *thalis*, 1 *degchi* and cover, 1 *lota*, 1 glass, 1 *chakla*, 1 *belan*, 1 *tawa*, 1 *chalni*, 1 *chamcha*, 1 *sandasi*, 1 *chimta*, and 2 *taslas*, from Alighar, exhibited by Municipal Committee, Rs. 22-3, *sale*, maker Sitaram of Atrauli.

§ Cups with covers, 2, from Sultanpur, exhibited by Raja Muhammad Ali Khan, talukdar of Hasanpur, *loan*, maker Gattar, brazier of Bandhna.

§ Small jugs, 2, from Sultanpur, exhibited by Raja Muhammad Ali Khan, talukdar of Hasanpur, *loan*, maker Binda, brazier of Bandhna.

§ Cup with cover, from Sultanpur, exhibited by Raja Muhammad Ali Khan, talukdar of Hasanpur, *loan*, maker Binda, brazier of Bandhna.

§ Cup with cover and tray, from Sultanpur, exhibited by Raja Muhammad Ali Khan, talukdar of Hasanpur, *loan*, maker Binda, brazier of Bandhna.

§ Brass basin with cover and tray, from Sultanpur, exhibited by Raja Muhammad Ali Khan, talukdar of Hasanpur, *loan*, maker Binda, brazier of Bandhna.

CLASS XXVII.—CLOCKS, WATCHES, AND THEIR ACCESSORIES.

‖ Astronomical clock, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*, maker Babu Mulchand, in the service of His Highness the Mahárája of Benares.

* With figures of Garur. This shape seems to be also used in Madras.

† Made of bell-metal; used by natives at times of festival.

‡ The workmanship of the whole is excellent, and great ingenuity is shown in fitting the whole together, so as to be completely portable and self-containing.

§ These vessels of sharp, well-defined, and artistic outline are made of "*sansatais*," a much prized alloy, which sells at Rs. 4 a seer.

‖ By order of Mahárája Dhirájá Káshinaresa, Bahádur, this clock was made by Mulchand, clock-maker, in the year 1872 A.D. It is an instrument which with a little trouble gives a great deal of information. Men of science will fully appreciate its advantages, while all will derive benefit from the information it gives. Those who only see its exterior cannot so well appreciate the perfect mechanism of the clock as those who examine and *understand* the variety of information it gives.

The different motions of the sun can be explained only by means of the telescope and other astronomical instruments. With the aid of this clock the computation of years, months, days, minutes, &c., can be easily made, which otherwise would involve an immense amount of labour and many intricate calculations.

The hour and exact time of sunrise for every day of the year will be known from the letters placed on the side of the clock, showing the rising of the sun. There is a portion of the instrument which indicates days of the week, with the forms of the signs of the zodiac and their names. From this part of the instrument four different facts are made manifest, viz., the day of the week, the forms of the signs of the zodiac, the *muhúrta* and planetary hours.

There is an index-hand, one of the fingers of which points out the number of hours and minutes of the day already expired, and a blue star above the hand points to the exact time of the day. The hours are divided by lines into 4 parts of 15 minutes each, and in the same place the hours of the day according to the native mode are also shown, in which 24 minutes are equal to the *ghati*.

There is a circle in the middle in which the figures of the signs of the zodiac are given. The sun passes over this circle in a year. From the movements of a black needle which passes over this circle, the ascendant or the horoscope and *navansa*, &c. This needle passes over the circle in 24 hours. The lines after the signs of the zodiac, to which the needle points, represent the *nav ansa*, or a 9th part of a sign or 30 degrees.

The names of the signs of the zodiac are written over them, and the 12 signs are divided into three parts, according to their three different properties—moveable, fixed, and common.

The motions above explained are all produced by different parts of the machinery of the clock, which also strikes the hours, half-hours, and quarters. It is wound up once in eight days. The clock is made with reference to the latitude, longitude, and elevation of the city of Benares.

(Kindly furnished by Rája Siva Prasad, C.S.I.

CLASS XXIX.—BASKETWARE.

Basket of *sirk*, from Pilibhít, exhibited by District Committee, Re. 1, *sale*, makers Native women of Pilibhít.

Covered baskets of sirk (small), from Pilibhít, exhibited by District Committee, Re. 1, *sale*, makers Native women of Pilibhít.

* Tiffin-basket, from Bareilly, exhibited by Superintendent, Central Prison, Rs. 15, *sale*, Prison labour.

* Tiffin-basket, from Bareilly, exhibited by Superintendent, Central Prison, Rs. 14-14, *sale*, Prison labour.

† Basket, small, from Rámpur State, exhibited by His Highness the Nawab of Rámpur, As. 4, *sale*.

† Basket, large, 5, from Rámpur State, exhibited by His Highness the Nawab of Rámpur, Re. 1-14, *sale*.

* Tiffin-basket, 1, from Meerut, exhibited by Superintendent, Central Prison, Rs. 13-8, *sale*, Prison labour.

A small basket, from Sultanpur (Oudh), exhibited by Raja Muhammad Ali Khan, *loan*, maker unknown.

Small baskets, 2, from Bahraich (Oudh), exhibited by Sirdar Jagjot Singh, *loan*, makers Village women of Bahraich.

‡ Wicker baskets adorned with shells, 4, from Gonda (Oudh), exhibited by District Committee, not priced presentation, makers village women of Bahraich.

CLASS XXXI.—DECORATIVE WORK, INCLUDING CARVING AND ARTWARE.

Reading desk, from Pilibhít, exhibited by District Committee, Rs. 8, *sale*, maker Midai Lal.

Papier maché inkstand, from Muzaffarnagar, exhibited by Tahsildar of Jansath, Rs. 8, *sale*, maker Ahmad Baksh, painter of Jansath.

Carved inlaid box, from Meerut, exhibited by District Committee, *loan*, maker Muhammad Jan of Meerut.

A pair of shisham wood doors with carved borders, the panel inlaid with brass wire (*tarkashi*), from Bulandshahr, exhibited by F. S. Growse, Esq., C.I.E., Rs. 250, *loan*, maker, Chokhe Lal and Kanhai Lal, carpenters of Mainpuri, assisted by other carpenters of the Bulandshahr district.

§ A pair of carved shisham wood doors, from Bulandshar, exhibited by F. S. Growse, Esq., C.I.E., Rs. 120 *loan*, makers Chokhe Lal and Kanhai Lal, carpenters of Mainpuri, assisted by other carpenters of the Bulandshahr district.

A wall-bracket, carved and inlaid with brass wire, from Bulandshahr, exhibited by F. S. Growse, Esq., C.I.E. Rs. 135, *loan*, makers Chokhe Lall and Kanhai Lall, carpenters of Mainpuri, assisted by other carpenters of the Bulandshahr district.

A model of a temple, carved and inlaid with brass wire, from Bulandshahr, exhibited by F. S. Growse, Esq., C.I.E., Rs. 200, *loan*, makers Chokhe Lall and Kanhai Lall, carpenters of Mainpuri, assisted by other carpenters of the Bulandshahr district.

A round table of carved shisham wood, from Bulandshahr, exhibited by Kunwar Faiyaz Ali, *Rais* of Pahasu, Bulandshahr, Rs. 35, *loan*, maker Karim Baksh of Shikarpur.

Artificial flowers, from Aligarh, exhibited by Municipality, Rs. 15, *sale*, maker Miss A. M. Bachman, resident of Aligarh.

* In sample room.

† Made at Bilaspur, in the Rampur State.

‡ Worked by aborigines of the Oudh Forests.

§ Made under the direction of the exhibitor. Both pairs are intended for the new Bulandshahr Town Hall, which is being built at the cost of Rája Bakir Ali Khan, C.I.E., of Pindrawal.

* Over mantelpiece, from Aligarh, exhibited by Municipality, *loan*, maker Ishri carpenter of Atrauli.
Drawing-room table, from Aligarh, exhibited by Municipality, *loan*, maker Tarachand carpenter of village Bhakra, tahsil Koel, district Aligarh.
Specimen of wood-carving, from Aligarh, exhibited by Municipality, maker Tarachand, carpenter of village Bhakra, tahsil Koel, district Alighar.
Painted box, from Budaun, exhibited by Kazi Habi Hosen, *kais* of Budaun, Member, District Committee, Rs. 9-1, *sale*, maker Karamat Kamamangar, resident of Budaun city.
Painted box, from Budaun exhibited by Kazi Habi Hosen, *kais* of Budaun, Member, District Committee, Rs. 6-1, *sale*, maker Azim-ullah.
Painted box, from Budaun, exhibited by Kazi Habi Hosen, *kais* of Budaun, Member, District Committee, Rs. 3-2, *sale*, maker Karamatullah.
Painted box, from Budaun, exhibited by Kazi Habi Hosen, *kais* of Budaun, Member, District Committee, Re. 1-14, *sale*, maker Karamatullah.
Painted box, from Budaun, exhibited by Kazi Habi Hosen, *kais* of Budaun, Member, District Committee, Re. 1-4, *sale*, maker Karamatullah.
Painted paper-made box (*pitari*), from Budaun exhibited by Kazi Habi Hosen, *kais* of Budaun, Member, District Committee, Re. 0-15, *sale*, maker Karamatullah.
Wooden spoons, 16, and wooden forks, 11, from Budaun exhibited by Shaik Sharf-ud-in, Honorary Magistrate, Budaun, Rs. 5, *sale*, maker Najju Khan, resident of Budaun.
† Wooden spoons, small, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 31-14, *sale*, maker Nirotam.
† Pen and ink holder, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 10-10, *sale*, maker Nirotam.
† Pen and ink holder, from Mainpuri, exhibited by Nirotam, carpenter of Manpuri, Rs. 3-3, *sale*, maker Nirotam.
† Pen and ink holder, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 10-10, *sale*, maker Nirotam.
† Small octagonal box, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 17, *sale*, maker Nirotam.
† Small box, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 5-5, *sale*, maker Nirotam.
† Small box of six sides, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 12-4, *sale*, maker Nirotam.
Bookstand, from Manipuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 8-8, *sale*, maker Nirotam.
† Plate, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 8-8, *sale*, maker Nirotam.
Plate, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 21-4, *sale*, maker Nirotam.
Plate, from Mainpuri, exhibited by Nirotam, carpenter of Mainpuri, Rs. 17, *sale*, maker Nirotam.
† Small octagonal box, from Mainpuri, exhibited by Tejju, carpenter of Mainpuri, Rs. 31-14, *sale*, maker Tejju.
† Small box, from Mainpuri, exhibited by Tejju, carpenter of Mainpuri, Rs. 18-1, *sale*, maker Tejju.
† Inkstand, from Mainpuri, exhibited by Tejju, carpenter of Mainpuri, Rs. 3-3, *sale*, maker Tejju.
† Plate, from Mainpuri, exhibited by Tejju, carpenter of Mainpuri, Rs. 13-13,

* Copy of one side of the car in which the image of Parasnath is carried during the religious festivals held by the Jains in Kurja, district Bulandshahr.
† The art consists of inlaying dark shisham wood with brass wire in designs extremely complex and very artistic. A large quantity has been exported to Europe of late years. The art is largely indebted to Mr. Growse, C.I.E., for its recent development. The *sandals*, which are fitted with ivory lotus flowers, held between the toes, that open and shut by a spring, according to the movements of the feet, are the articles most in demand.

* Plate, from Mainpuri, exhibited by Tejju, carpenter of Mainpuri, Rs 11-11, *sale*, maker Tejju.
* Plate, from Mainpuri, exhibited by Tejju, carpenter of Mainpuri, Rs. 9-9, *sale*, maker Tejju.
* Plate, from Mainpuri, exhibited by Tejju, carpenter of Mainpuri, Rs. 20-3, *sale*, maker Tejju.
* Pen and ink holder, from Mainpuri, exhibited by Moti Brahman of Mainpuri, Rs. 3-3, *sale*, maker Moti.
* Pen and ink, holder from Mainpuri, exhibited by Moti Brahman of Mainpuri, Rs. 10-10, *sale*, maker Moti.
* Small box, from Mainpuri, exhibited by Moti Brahman of Mainpuri, Rs. 5-5, *sale*, maker Moti.
* Small box, from Mainpuri, exhibited by Moti Brahman of Mainpuri, Rs. 6-6, *sale*, maker Moti.
* Sandal, from Mainpuri, exhibited by Moti Brahman of Mainpuri, Re. 1-9-6, *sale*, maker Moti.
* Sandal, from Mainpuri, exhibited by Baldeo of Mainpuri, Rs. 2-2, *sale*, maker Baldeo.
* Sandal, from Mainpuri, exhibited by Baldeo of Mainpuri, Rs. 3-3, *sale*, maker Baldeo.
* Sandal, from Mainpuri, exhibited by Baldeo of Mainpuri, Rs. 2-2, *sale*, maker Baldeo.
* Sandal, from Mainpuri, exhibited by Baldeo of Mainpuri Rs. 4, *sale*, maker Baldeo.
Sandal, from Mainpuri, exhibited by Baldeo of Mainpuri Rs. 3-3, *sale*, maker Baldeo.
Sandal, from Mainpuri, exhibitted by Baldeo of Mainpuri, Rs. 3-12, *sale*, maker Baldeo.
Sandal, from Mainpuri, exhibited by Baldeo of Mainpuri, Rs. 3-12, *sale*, maker Baldeo.
Pen and ink holder, from Mainpuri, exhibited by Baldeo of Mainpuri, Re. 1-9-6, *sale*, maker Baldeo.
Pen and ink holder, from Mainpuri, exhibited by Baldeo of Mainpuri, Rs. 6-6, *sale*, maker Baldeo.
Plate, from Mainpuri, exhibited by Bahadur of Mainpuri, Rs. 8-8, *sale*, maker Bahadur, carpenter.
Watch-case, from Mainpuri, exhibited by Bahadur of Mainpuri, Rs. 4-5-6, *sale*, maker Bahadur, carpenter.
Watch-case, from Mainpuri, exhibited by Chuni of Mainpuri, Rs. 5-5, *sale*, maker Radhu, carpenter.
Small-box, from Mainpuri, exhibited by Mathur of Mainpuri, Rs. 11-11, *sale*, maker Chhuni, carpenter.
Pen and ink holder, from Mainpuri, exhibited by Mathuri of Mainpuri, Rs. 6-6 each, *sale*, Mathuri, carpenter.
Pen and ink holder, 2, from Mainpuri, exhibited by Mathuri of Mainpuri, Rs. 6-6 and Rs. 5-5, *sale*, Mathuri, carpenter.
Inkstand, from Mainpuri, exhibited by Mathuri of Mainpuri, Rs. 4-4, *sale*, maker Mathuri, carpenter.
Book stand, from Mainpuri, exhibited by Mathuri of Mainpuri, Rs. 6-6, *sale*, maker Mathuri carpenter.
Plate, from Mainpuri, exhibited by Mathuri of Mainpuri, Rs. 14-14, *sale*, maker Mathuri, carpenter.
Plate, from Mainpuri, exhibited by Mathuri of Mainpuri, Rs. 15-15, *sale*, maker Mathuri, carpenter.

* The art consists of inlaying dark shisham wood with brass wire in designs extremely complex and very artistic. A large quantity has been exported to Europe of late years. The art is largely indebted to Mr. Growse, C.I.E., for its recent development. The sandals which are fitted with ivory lotus flowers, held between the toes, that open and shut by a spring according to the movements of the feet, are the articles most in demand.

Plate, from Mainpuri, exhibited by Durga Mistri of Mainpuri, Rs. 47-13, *sale*, Mathuri, carpenter.
Oval tray, from Mainpuri, exhibited by Durga Mistri of Mainpuri, Rs 37-3-9, *sale*, maker Durga Mistri.
Circular plate, from Mainpuri, exhibited by Tejju of Mainpuri, Rs. 7-7, *sale*, maker Durga Mistri.
Pen and ink holder, from Mainpuri, exhibited by Nirotum of Mainpuri, Rs. 4-4, *sale*, maker Tejju Mistri.
Sandals, from Mainpuri, exhibited by Nirotum of Mainpuri, Rs. 5-5, *sale*, maker Nirotum Mistri.
Sandals, from Mainpuri, exhibited by Surgeon-Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.
Table top, from Mainpuri, exhibited by Surgeon Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.
Reading stand, from Mainpuri, exhibited by Surgoon-Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.
Small box, from Mainpuri, exhibited by Surgeon-Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.
Horse-shoe pen-rack, from Mainpuri, exhibited by Surgeon-Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.
Paper knife, from Mainpuri, exhibited by Surgeon-Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.
Plate, from Mainpuri, exhibited by Surgeon-Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.
Chess-table top, from Mainpuri, exhibited by Surgeon-Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.
Circular plate. from Mainpuri, exhibited by Surgeon-Major J. Lloyd, Civil Surgeon, Mainpuri, *loan*, maker Nirotum Mistri.

Nagina Carved Ebony Work.

* Writing-box, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 35, *sale*, maker Morad Baksh.
Envelope-case, 1, from Bijnor, exhibited by Morad Baksh, Nagina, district, Bijnor, Rs. 14-8 *sale*, maker Morad Baksh.
Envelope-case, 3, from Bijnor, exhibited by Morad Baksh, Nagina, district Bijnor, Rs. 28-8 at Rs. 9-8 each, *sale*, maker Morad Baksh.
Carriage clock case, 1, Bijnor, exhibited by Morad Baksh, Nagina, district, Bijnor, Rs. 7-8, *sale*, maker Morad Baksh.
Watch-cases, 5, from Bijnor, exhibited by Morad Baksh, Nagina, district Bijnor, Rs. 2-10, *sale*, maker Morad Baksh.
Watch-case, 1, from Bijnor, exhibited by Morad Baksh, Nagina, district Bijnor, Rs. 3-12, *sale*, maker Morad Baksh.
Glove-box, 1, from Bijnor exhibited by Morad Baksh, Nagina, district Bijnor, Rs. 8-0, *sale*, maker Morad Baksh.
Glove-box, 1, from Bijnor, exhibited by Morad Baksh, Nagina, district Bijnor, Rs. 5-4, *sale*. maker Morad Baksh.
Glove box, 4, from Bijnor, exhibited by Morad Baksh, Nagina, district Bijnor, Rs. 5-12, *sale*, maker Morad Baksh.
Handkerchief-box, 2, from Bijnor, exhibited by Morad Baksh, Nagina, district Bijnor, Rs. 5-12, *sale*, maker Morad Baksh.
Inkstand and pen-trays, 3, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 7-8, *sale*, maker Morad Baksh.
Plates, 3, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 10-8, *sale*, maker Morad Baksh.

* This art, which has been largely developed of late years, dates from about 200 years ago and is supposed to have been introduced from Multan. The designs are carved in relief in flowers and foliage, and the work is applied to decorate a great variety of articles, as is apparent from this catalogue. Some of the ware is mounted in silver, and in other cases inlaid with silver, ivory and mother of pearl.

Plates, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 6-4, *sale*, maker Morad Baksh.
Plates, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 8-8, *sale*, maker Morad Baksh.
Plate, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 19, *sale*, maker Morad Baksh.
Handkerchief-box, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 10-8, *sale*, maker Morad Baksh.
Letter-box, 1. from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 8-8, *sale*, maker Morad Baksh.
Book-case, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 14-12, *sale*, maker Morad Baksh.
Book case, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 12-8, *sale*, maker Morad Baksh.
Book stands, 4, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 7-8, *sale*, maker Morad Baksh.
Book case, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 7-8, *sale*, maker Morad Baksh.
Pen-trays, 2, from Bijnor, exhibitted by Morad Baksh, Nagína, district Bijnor, @ Rs. 3-4, *sale*, maker Morad Baksh.
Pencil cases, 4, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 3-12, *sale*, maker Morad Baksh.
Inkstand and pen-trays, 1, from Bijnor, exhibitted by Morad Baksh, Nagína, district Bijnor, Rs. 8-8, *sale*, maker Morad Baksh.
Inkstand, 6, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 2-2, *sale*, maker Morad Baksh.
Inkstands, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 7-8, *sale*, maker Morad Baksh.
Cigar cases, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 2-2, *sale*, maker Morad Baksh.
Card-box, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 3-12, *sale*, Morad Baksh.
Card-box, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 2-2, *sale*, maker Morad Baksh.
Stamp-box, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Re. 1-2, *sale*, maker Morad Baksh,
Stamp-boxes, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Re. 1, *sale*, maker Morad Baksh.
Bowls, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 3-4, *sale*, maker Morad Baksh.
Cup, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Re. 1-9, *sale*, maker Morad Baksh.
Picture-frame, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 12-12, *sale*, maker Morad Baksh
Picture-frames, 3, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 3-12, *sale*, maker Morad Baksh.
Picture-frame, 1, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 3-4, maker Morad Baksh.
Picture-frames, 6, from Bijnor Exhibited by Morad Baksh, Nagína, district Bijnor, @ Re. 1-6, *sale*, maker Morad Baksh.
Picture-frames, 3, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 7-8, *sale*, maker Morad Baksh.
Rulers, 3, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, @ Rs. 2-12. *sale*, maker Morad Baksh.
Paper-knives, 2, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor,
Paper knives, 21, from Bijnor, exhibited by Morad Baksh, Nagína, district Bijnor, Rs. 2-2, *sale*, maker Morad Baksh.
Box, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 64, *sale*, maker Abdulla.
Box, 1, from Bijnor, exhibited by Abdulla Nagína, Rs. 21, *sale*, maker Abdulla.
Card-box, 7, from Bijnor, exhibited by Abdulla, Bijnor, Rs. 15, maker Abdulla.

Envelope-cases, 3, from Bijnor, exhibited by Abdulla, Nagína, Rs 4-4, *sale*, maker Abdulla,

Envelope-cases, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 10-8 *sale*, maker Abdulla.

Envelope-cases, from Bijnor, exhibited by Abdulla, Nagína, Rs. 13-12, *sale*, maker Abdulla.

Handkerchief-boxes, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 19-8, *sale*, maker Abdulla.

Handkerchief-boxes. 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 9-8, *sale*, maker Abdulla.

Handkerchief-boxes, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 9 *sale*, maker Abdulla.

Handkerchief-box, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 13-12, *sale*, maker Abdulla.

Letter-boxes, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 6-4, *sale*, maker Abdulla.

Writing-box, from Bijnor, exhibited by Abdulla, Nagína, Rs. 37, *sale*, maker Abdulla.

Pen-trays, 4, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4-4, *sale*, maker Abdulla.

Glove-box, from Bijnor, exhibited by Abdulla, Nagína, Rs. 15, *sale*, maker Abdulla.

Inkstand and pentrays, 4, from Bijnor, exhibited by Abdulla, Nagína, Rs. 7-8, *sale*, maker Abdulla.

Inkstand and pentrays, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 8-8, *sale*, maker Abdulla.

Handkerchief-box, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 6-6, *sale*, maker Abdulla.

Handkerchief-box, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4-4, *sale*, maker Abdulla.

Handkerchief-box, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 7-8, *sale*, maker Abdulla.

Picture-frames, 10, from Bijnor, exhibited by Abdulla, Nagína, Re. 1-5, *sale*, maker Abdulla.

Inkstands, 5, from Bijnor, exhibited by Abdulla, Nagína, Rs. 2-10, *sale*, maker Abdulla.

Cigar-boxes, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 2-10 *sale*, maker Abdulla.

Book-cases, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 17, *sale*, maker Abdulla.

Book cases, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 13-12, *sale*, maker Abdulla.

Book-cases, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 10, *sale*, maker Abdulla.

Letter-box, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 9-8, *sale*, maker Abdulla.

Carriage clock case, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 8-8, *sale*, maker Abdulla.

Glove-boxes, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 12-4, *sale*, maker Abdulla.

Clock-case, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4-4, *sale*, maker Abdulla.

Picture-frames, 3, from Bijnor, exhibited by Abdulla, Nagína, Rs. 6, *sale*, maker Abdulla.

Picture-frames, from Bijnor, exhibited by Abdulla, Nagína, Rs. 19, *sale*, maker Abdulla.

Picture-frames, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4, *sale*, maker

Bedstead legs, 1 set of 4, from Bijnor, exhibited by Abdulla, Nagína, Rs. 8, *sale*, maker Abdulla.

Bookstands, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 7-8, *sale*, maker Abdulla.

Bookstands, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4-12, *sale*, maker Abdulla.

Plate, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 18, *sale*, maker Abdulla.
Do. 1 ditto ditto ditto Rs. 17, *sale*, maker Abdulla.
Do. 1 ditto ditto ditto Rs. 11-12, *sale*, maker Abdulla.

Dishes, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 3-12, *sale*, maker Abdulla.

Dish, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 5, *sale*, maker Abdulla.

Dish, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 5-4, *sale*, maker Abdulla.

Dish, 1, from Bijnor, exhibited by Abdulla, Nagína, Rs. 6-4, *sale*, maker Abdulla.

Inkstands, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 5-12, *sale*, maker Abdulla.

Dishes, 2, from Bijnor, exhibited by Abdulla, Nagína, Re. 1-10, *sale*, maker Abdulla.

Bowl, 3, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4-12, *sale*, maker Abdulla.

Candle cans, 3, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4-12 *sale*, maker Abdulla.

Candle sticks, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 6-4, *sale*, maker Abdulla.

Pencil-cases, 5, from Bijnor, exhibited by Abdulla, Nagína, Rs, 4-12, *sale*, maker Abdulla.

Pencil-cases, 5, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4-4, *sale*, maker Abdulla.

Rulers, 3, from Bijnor, exhibited by Abdulla, Nagína, Rs. 2-12, *sale*, maker Abdulla.

Rulers, from Bijnor, exhibited by Abdulla, Nagína, Rs. 2-12, *sale*, maker Abdulla.

Stick, from Bijnor, exhibited by Abdulla, Nagína, Rs. 4-4, *sale*, maker Abdulla.

Stamp-boxes, 10, from Bijnor, exhibited by Abdulla, Nagína, Re. 1-2, *sale*, maker Abdulla.

Watch-cases, 3, from Bijnor, exhibited by Abdulla, Nagína, Rs. 2-8, *sale*, maker Abdulla.

Paper-cutters, 4, from Bijnor, exhibited by Abdulla, Nagína, Rs. 3-4, *sale*, maker Abdulla.

Paper-cutters, 2, from Bijnor, exhibited by Abdulla, Nagína, Rs. 2, *sale*, maker Abdulla.

Paper-cutters, 48, from Bijnor, exhibited by Abdulla, Nagína, annas 12, *sale*, maker Abdulla.

Abkhora, from Bijnor, exhibited by Abdulla, Nagína, Rs. 2-10, *sale*, maker Abdulla.

Picture-frame, from Bijnor, exhibited by Abdulla, Nagína, Rs. 8-8, *sale*, maker Abdulla.

Paper-weights, 2, from Bijnor, exhibited by Abdulla, Nagína, annas 10, *sale*, maker Abdulla.

Rings, 2, from Bijnor, exhibited by Abdulla, Nagína, annas 10, *sale*, maker Abdulla.

Flower-vase, from Bijnor, exhibited by Abdulla, Nagína, Rs. 2-2, *sale*, maker Abdulla.

Box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 16, *sale*, maker Kadir Baksh.

Envelope-cover, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 9, *sale*, maker Kadir Baksh.

Book-case, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 14-12, *sale*, maker Kadir Baksh.

Letter paper-box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 6-10, *sale*, maker Kadir Baksh.

Box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 5-12, *sale*, maker Kadir Baksh.
Box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 6-6, *sale*, maker Kadir Baksh.
Envelope-box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 2-2, *sale*, maker Kadir Baksh.
Cigar-box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rc. 1-14, *sale*, maker Kadir Baksh.
Stamp-box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rc. 1-12, *sale*, maker Kadir Baksh.
Stamp-box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rc. 1-9, *sale*, maker Kadir Baksh.
Box, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 33, *sale*, maker Kadir Baksh.
Buttons, 10 dozens, from Bijnor, exhibited by Kadir Baksh, Nagína, annas 12, *sale*, maker Kadir Baksh.
Teapoy, from Bijnor, exhibited by Kadir Baksh, Nagína, Rs. 53, *sale*, maker Kadir Baksh.
Inkstand and pen-tray, from Bijnor, exhibited by Ilahi Baksh, Nagína, Rs. 2-12, *sale*, maker Ilahi Baksh.
Betel-leaf box, from Bijnor, exhibited by Ilahi Baksh, Nagína, Rs. 10-8, *sale*, maker Ilahi Baksh.
Plate, from Bijnor, exhibited by Ilahi Baksh, Nagína, Rs. 3-4, *sale*, maker Ilahi Baksh.
Tea-cup and saucers, 3, from Bijnor, exhibited by Ilahi Baksh, Nagína, Re. 1-12, *sale*, maker Ilahi Baksh.
Cup, from Bijnor, exhibited by Ilahi Baksh, Nagína, annas 8, *sale*, maker Ilahi Baksh.
Box, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 80, *sale*, maker Ilahi Baksh.
Writing-box, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 53, *sale*, maker Ilahi Baksh.
Octagonal box, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 42-8, *sale*, maker Ilahi Baksh.
Envelope case, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 25, *sale*, maker Ilahi Baksh.
Inkstand and pen-tray, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 53, *sale*, maker Ilahi Baksh.
Stamp-box, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 2-12, *sale*, maker Ilahi Baksh.
Book stand, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 16, *sale*, maker Ilahi Baksh.
Book case, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 70, *sale*, maker Ilahi Baksh.
Glove-case, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 27, *sale*, maker Ilahi Baksh.
Handkerchief-box, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 27, *sale*, maker Ilahi Baksh.
Carriage clock case, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 21-1-9, *sale*, maker Ilahi Baksh.
Plate, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 15-0-6, *sale*, maker Ilahi Baksh.
Plate, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 4-4, *sale*, maker Abdulla Mistri of Nagína.
Plate, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 8, *sale*, maker Abdulla Mistri of Nagína.
Plate, from Bijnor, exhibited by Abdullah Mistri of Nagína, Rs. 7, *sale*, maker Abdulla Mistri of Nagína.
Paper-knife, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 3, *sale*, maker Abdulla Mistri of Nagína.

Paper-knife, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rc. 1-4, *sale*, maker Abdulla Mistri of Nagína.
Ruler, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 2-12, *sale*, maker Abdulla Mistri of Nagína.
Teapoy, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 78-12, *sale*, maker Abdulla Mistri of Nagína.
Chair, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 116, *sale*, maker Abdullah Mistri of Nagína.
Table, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 50, *sale*, maker Abdulla Mistri of Nagína.
Picture-frame, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 19, *sale*, maker Abdulla Mistri of Nagína.
Picture-frame, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 6-8, *sale*, maker Abdull Mistri of Nagína.
Inkstand, from Bijnor, exhibited by Abdulla Mistri of Nagína, not stated, *sale*, maker Abdulla Mistri of Nagína.
Inkstand, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 2-12, *sale*, maker Abdulla Mistri of Nagína.
Bowl, from Bijnor, exhibited by Abdulla Mistri of of Nagína, Rs. 4-8, *sale*, maker Abdulla Mistri of Nagína.
Candle-sticks, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 5-4, *sale*, maker Abdulla Mistri of Nagína.
Brush back, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 2-12, *sale*, maker Abdulla Mistri of Nagína.
Envelope-box, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 2-12, *sale*, maker Abdulla Mistri of Nagína.
Combs, 4, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 2, *sale*, maker Abdulla Mistri of Nagína.
Chandelier, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 64, *sale*, maker Morad Baksh of Nagína.
Chair, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 85, *sale*, maker Morad Baksh of Nagína.
Box, large, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 44, *sale*, maker Morad Baksh of Nagína.
Box, large, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 32, *sale*, maker Morad Baksh of Nagína.
Work-box, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 21, *sale*, maker Morad Baksh of Nagína.
Plate, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 19, *sale*, maker Morad Baksh of Nagína.
Book-case, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 16, *sale*, maker Morad Baksh of Nagína.
Plate, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 19-8, *sale*, maker Morad Baksh of Nagína.
Letter-box, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 8-8, *sale*, maker Morad Baksh of Nagína.
Pen-tray, from Bijnor, exhibited by Morad Buksh of Nagína, Rs. 8-8, *sale*, maker Morad Baksh of Nagína.
Inkstand, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 8-8, *sale*, maker Morad Baksh of Nagína.
Candlestick, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 5-4, *sale*, maker Morad Baksh of Nagína.
Watch-case, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 3-12, *sale*, maker Morad Baksh of Nagína.
Watch-case, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 2-10, *sale*, maker Morad Baksh of Nagína.
Pencil-case, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 3-10, *sale*, maker Morad Baksh of Nagína.
Handkerchief-box, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 5-12, *sale*, maker Morad Baksh of Nagína.

Rings, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 9, *sale*, maker Morad Baksh of Nagína.
Picture-frame, from Bijnor, exhibited by Morad Baksh of Nagína, Rs. 7-8, *sale*, maker Morad Baksh of Nagína.
Tray, from Bijnor, exhibited by Kadir Baksh of Nagína, Rs. 65, *sale*, maker Kadir Baksh.
Pen-tray, from Bijnor, exhibited by Kadir Baksh of Nagína, Rs. 7, *sale*, maker Kadir Baksh.
Flower-vase, from Bijnor, exhibited by Kadir Baksh of Nagína, Rs. 11, *sale*, maker Kadir Baksh.
Glove-box, from Bijnor, exhibited by Kadir Baksh of Nagína, Rs. 7, *sale*, maker Kadir Baksh.
Plate, from Bijnor, exhibited by Kadir Baksh of Nagína, Rs. 20, *sale*, maker Kadir Baksh.
Pen-tray, from Bijnor, exhibited by Kadir Baksh of Nagína, Rs. 3-4, *sale*, maker Kadir Baksh.
Cup and saucer, from Bijnor, exhibited by Kadir Baksh of Nagína, Rs. 6-4, maker Kadir Baksh.
Toilet box inlaid with ivory, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 140, *sale*, maker Abdulla.
Carved ebony candlestick with 8 branches, from Bijnor, exhibited by Abdulla Mistri of Nagína, Rs. 130, *sale*, maker Abdulla.
A pair of dumb-bells, from Bijnor, exhibited by Abdulla Mistri of Nagina, Rs. 40, *sale*, maker Abdulla.

Papier-maché work, Mandawar.

* Papier-maché box, from Bijnor, exhibited by Ilahi Baksh of Mandawar, Rs. 30, *sale*, maker Ilahi Baksh of Mandawar.
* Papier-maché box, from Bijnor, exhibited by Ilahi Baksh of Mandawar, Rs. 25, *sale*, maker Ilahi Baksh of Mandawar.
* Papier-maché box, from Bijnor, exhibited by Ilahi Baksh of Mandawar, Rs. 16, *sale*, maker Ilahi Baksh of Mandawar.
* Papier-maché box, from Bijnor, exhibited by Ilahi Baksh of Mandawar, Rs. 8, *sale*, maker Ilahi Baksh of Mandawar.
* Papier-maché pen-box, from Bijnor, exhibited by Ilahi Baksh of Mandawar, Rs. 4-4, *sale*, maker Ilahi Baksh of Mandawar.
* Papier-maché plate, from Bijnor exhibited by Ilahi Baksh of Mandawar, Rs. 2, *sale*, maker Ilahi Baksh of Mandawar.
* Papier-maché plate, from Bijnor, exhibited by Ilahi Baksh of Mandawar, Rs. 2, *sale*, maker Ilahi Baksh of Mandawar.

Jaunpur papier-maché work.

† Card plate, from Jaunpur, exhibited by District Committee, Rs. 4, *sale*.
† Note-paper box, from Jaunpur, exhibited by District Committee, Rs. 14, *sale*.
† Office-box, from Jaunpur, exhibited by District Committee, Rs. 13, *sale*.
† Glove-box, from Jaunpur, exhibited by District Committee, Rs. 7, *sale*.
† Inkstand, from Jaunpur, exhibited by District Committee, Rs. 8, *sale*.
† Letter-pad, from Jaunpur, exhibited by District Committee, Rs. 15-3, *sale*.
† Dish, middle-sized, from Jaunpur, exhibited by District Committee, Rs. 3-8, *sale*.
† Perfumery-box, from Jaunpur, exhibited by District Committee, Rs. 5, *sale*.
† Dish, from Jaunpur, exhibited by District Committee, Rs. 4, *sale*.

* This ware is very prettily colored, in a style markedly different to the Kashmir work, and far cheaper in comparison. It is varnished to resist water.
† These articles are prepared in the Jaunpur Government papier-maché factory, which is under the charge of the Collector of the district. There are three boys in the factory at present who were taught by a Kashmiri painter.

* Inkstand, from Jaunpur, exhibited by District Committee, Rs. 3, *sale*.
* Envelope-case, from Jaunpur, exhibited by District Committee, Rs. 4, *sale*.
* Dish, middle-sized, from Jaunpur, exhibited by District Committee, Rs. 3, *sale*.
* Tray, octagonal, from Jaunpur, exhibited by District Committee, Rs. 5, *sale*.
* Cigar-case, from Jaunpur, exhibited by District Committee, Rs. 3, *sale*.
* Cigar-case, from Jaunpur, exhibited by District Committee, Rs. 3, *sale*.
Paper-knife, from Jaunpur, exhibited by District Committee, Re. 1, *sale*.
Painted skin, from Gonda, exhibited by District Committee, not priced, *sale*.
A box containing carved ivory figures, from Gonda, exhibited by Bhaiya Tirbhuan Dutt Ram, grand-nephew of Lala Krishna Dutt Ram, *sale*.
Peacock feather fans, 6, from Jhánsi, exhibited by District Committee of Jhánsi, Rs. 6, *sale*, maker Golab Singh, Sadar Bazar, Jhánsi.
Papier-maché teapoys, 2, from Rampur State, exhibited by His Highness the Náwab of Rampur, Rs. 120, *sale*, makers Agha Mohammad Hosain and Gholam Rasul.
† Plates (carved white wood), from Saháranpur, exhibited by Municipal Committee, Rs. 3-8, *sale*, maker Azim Hossain.
† Plate, from Saháranpur, exhibited by Municipal Committee, Rs. 2-8, *sale*, maker Abdulla.
† Picture-frame, from Saháranpur, exhibited by Municipal Committee, Re. 1-8, *sale*, maker Abdulla.
† Frame for 3 pictures, from Saháranpur, exhibited by Municipal Committee, Rs. 2-8, *sale*, maker Tasudduk Hossain.
† Spoon, from Saháranpur, exhibited by Municipal Committee, Re. 1, *sale*, maker Ata Husen.
† Plate, from Saháranpur, exhibited by Municipal Committee, Rs. 2-8, *sale*, maker Ata Hosen.
† Large picture-frame, from Saháranpur, exhibited by Municipal Committee, Rs. 6, *sale*, maker Ata Husen.
† Plank of shisham wood, engraved with words, from Saháranpur, exhibited by Municipal Committee, Rs. 4, *sale*, maker Ata Husen.
† Carved almirah, from Saháranpur, exhibited by Municipal Committee, Rs. 15, *sale*, maker Gholam Murtiza.
† Carved almirah, from Saháranpur, exhibited by Municipal Committee, Rs. 4, *sale*, maker Gholam Murtiza.
† Carved box, from Saháranpur, exhibited by Municipal Committee, Rs. 15, *sale*, maker Gholam Murtiza.
† Carved doorway with upper story, from Saháranpur, exhibited by Munshi Gokulchand of Ambatta, Rs. 75, *sale*, maker Rahim-ulla.
‡ Wooden carved door-way with doors, from Saháranpur, exhibited by Municipal Committee, Rs. 450, *sale*, maker Bansi carpenter of Saháranpur.
§ *Itrdan*, from Farukhabad, exhibited by Municipal Committee, Rs. 25, *sale*, Designed by Mr. Jasper Nicholls and executed by Messrs. Emam Baksh & Co. of Fatehgarh.
‖ Carved doorway, from Farukhabad, exhibited by Municipal Committee, Rs. 125, *sale*, maker Seth Janki Das, Sadh.
Carved sideboard with stand, from Farukhabad, exhibited by Babu Durga Parshad of Farukhabad, Rs. 300, *sale*, maker Parma carpenter, Farukhabad.

* These articles are prepared in the Jaunpur Government papier-maché factory, which is under the charge of the Collector of the district. There are three boys in the factory at present who were taught by a Kashmiri painter.
† This ware is produced chiefly to suit European tastes. The soft white wood used is procured from the neighbouring forests. But for European support, there would be little demand.
‡ The best shisham wood has been used and the work has been executed under the orders of a sub-committee composed of Lala Nehal Chand, Lala Mitr-Sen, and Munshi Nur Muhammad Ashan, by Bansi carpenter, with the assistance of five and sometimes six carpenters. The whole work was finished within a period of four months at an approximate cost of Rs. 400. (This is the doorway forming the entrance to the North-Western Provinces and Oudh Court).
§ Revolving, the stand having three tiers of arched pigeon-holes.
‖ A handsome carved doorway with five painted arches, and brass rods for hanging curtains.

Paper-cuttings, from Farukhabad, exhibited by Lala Sri Kishan Lal, *loan*, maker Mirza Nur Beg, Farukhabad.
A wooden box inlaid with wire, from Etah, exhibited by Raja Shankar Singh of Etah, *loan*.
* Tables (wood lacquered), 6, from Etah, exhibited by Municipal Committee, Rs. 48, *sale*, maker Chaudhri Nabi Baksh
Plates, 10, from Etah, exhibited by Municipal Committee, Rs. 10-10, *sale*.
Glass and plate, 2 sets, from Etah, exhibited by Municipal Committee, Rs. 2-12, *sale*.
Cup and saucer, 2 sets, from Etah, exhibited by Municipal Committee, Rs. 3, *sale*.
Plates, 6, from Etah, exhibited by Municipal Committee, Rs. 3-6, *sale*.
Large box, from Etah, exhibited by Municipal Committee, Rs. 2, *sale*.
Small box, from Etah, exhibited by Municipal Committee, Re. 1, *sale*.
Jugs, 2, from Etah, exhibited by Municipal Committee, Rs. 2-4, *sale*.
Basket, from Etah, exhibited by Municipal Committee, Re. 1-2, *sale*.
Box with hinge cover, from Etah, exhibited by Municipal Committee, Rs. 2-4, *sale*.
Box with hinge cover, 2, from Etah, exhibited by Municipal Committee, Rs. 3-4, *sale*.
Boxes with 10 boxes inside each, 2, from Etah, exhibited by Municipal Committee, Rs. 7, *sale*.
Pándan, from Etah, exhibited by Municipal Committee, Rs. 4-8, *sale*.
Pándan, from Etah, exhibited by Municipal Committee, Rs. 5-8, *sale*.
Looking-glasses, 2, from Etah, exhibited by Municipal Committee, Rs. 14, *sale*.
Looking-glasses, 2, from Etah, exhibited by Municipal Committee, Rs. 8, *sale*.
Itrdan, from Etah, exhibited by Municipal Committee, Re. 1-2, *sale*.
Singardan (toilet box), from Etah, exhibited by Municipal Committee, Re. 1-10, *sale*.
Khasdan (betel-leaf holder), from Etah, exhibited by Municipal Committee, As. 10, *sale*.
Khasdan (betel-leaf holder), from Etah, exhibited Municipal Committee, As. 10. *sale*.
Box, plain, from Etah, exhibited by Municipal Committee, Rs. 3, *sale*,
Cup and saucer, 4 sets, from Etah, exhibited by Municipal Committee, Rs. 5-8, *sale*.
Box with ornamental tin work, 1, from Etah exhibited by Chiranji, Rs. 30, *sale*.
Stool, 1, from Etah, exhibited by Chiranji, Rs. 25, *sale*.
† Ivory couch with two footstools, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.
† Ivory chairs, 2, from Benares, exhibited by His Highness the Maharaja of Benares, *loan*.
† Ivory sedan chair (tanjam), from Benares, exhibited by His Highness the Maharaja of Benares, *loan*.
† Ivory howdah, from Benares, exhibited by His Highness the Maharaja of Benares, *loan*.

CLASS XXXII.—CARPETS, HANGINGS, TAPESTRY, FURNITURE STUFFS; MATTING, PAPER HANGINGS.

Carpet, 1, from Bareilly, exhibited by Municipal Committee, Bareilly, Rs 13-8, *sale*, maker Bahadur Ali.
Cotton rug, 1st quality, 1, from Bareilly, exhibited by Municipal Committee, Bareilly, Rs. 14, *sale*, maker Bahadur Ali.

* The trade is carried on at Khairadi tola, in the suburbs of Agra, where about 20 men are engaged in it. The wood used is mango, of which there is a plentiful supply in the district. The wood is first worked into the required shape, and then it is dyed with shell-lac. Then it is engraved, after which a coating of white-lead is laid over it. All the requisite materials are procurable in the Agra market. Up to the present time there has been no export trade of this lacquer work, but it has a considerable local sale, more especially to Europeans. The estimated profit is about 20 per cent., and the wages paid to the workmen are five annas per day. At present only Muhammadans are employed in this trade, which dates from 1880. Plain lacquering, however, has long been a trade in Agra.
† These are full-sized articles of furniture in carved ivory, of very great beauty and fine workmanship.

Cotton rug, 2nd quality, 1, from Bareilly, exhibited by Municipal Committee, Bareilly, Rs. 10, *sale*, Bahadur Ali.
Cotton rug, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Rs. 19-8-3, *sale*, maker Jail labour.
Cotton rug, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Rs. 15-8-6, *sale*, maker Jail labour.
Cotton rug, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Rs. 4-8-3, *sale*, maker Jail labour.
Woollen *dari*, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Rs. 5-10-3, *sale*, maker Jail labour,
Cotton *daris*, 5, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Rs. 18-9-6, *sale*, maker Jail labour.
Cotton *daris*, 3, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, at Rs. 3-11-6 and Rs. 7-15-6, *sale*, maker Jail labour.
Cotton *dari*, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, at Rs. 2-10-6 and Rs. 4-4, *sale*, maker Jail labour.
Colored *pardahs*, 6, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Rs. 38-4, *sale*, maker Jail labour.
Colored *pardah*, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, at Rs. 6-6 and Rs. 8-8-6, *sale*, maker Jail labour.
Baib matting, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, As. 10-6, *sale*, maker Jail labour.
Munj matting, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, As, 10-6, *sale*, maker Jail labour.
Munj matting, 2 pieces, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Re. 1-13-6, *sale*, maker Jail labour.
Munj matting, 3 pieces, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, at As. 14-9 and Rs. 2-6-3, *sale*, maker Jail labour.
Door-mats, 4, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, at As. 12-9 and Rs. 17, *sale*, maker Jail labour.
Door mat, 1, from Bareilly, exhibited by Superintendent, Central Prison, Barielly, at Rs. 4-4 and Re. 1-9-6, *sale*, maker Jail labour.
Door mat, 1, from Bareilly, exhibited by Superintendent, Central Prison, Bareilly, Rs. 2-2, *sale*, maker Jail labour.
Bed-cover, from Meerut, exhibited by District Committee, Rs. 2, *sale*, maker Ram Sahai of Barnawa, Meerut.
Counterpane, from Meerut, exhibited by District Committee, Re. 1-12, *sale*, maker Ram Sahai of Barnawa, Meerut.
Curtain, 1, from Meerut, exhibited by Superintendent, Central Prison, Meerut, Rs. 7-5, *sale*, maker Jail labour.
Table-cloth, 1, from Meerut, exhibited by Superintendent, Central Prison, Meerut, Rs. 3-12, *sale*, maker Jail labour.
Flowered *dari*, 1, from Meerut, exhibited by Superintendent, Central Prison, Meerut, Rs. 10, *sale*, maker Jail labour.
* Munj matting, 1, from Meerut exhibited by Superintendent, Central Prison, Meerut, Rs. 4, *sale*, maker Jail labour.
A silk rug, from Bulandshahr, exhibited by Rája Bakir Ali Khan, C.I.E., *Rais* of Pindrawal, Bulandshahr, *loan*, maker Husain Bakhsh and Wazir Ali of Pindrawal.
A woollen rug, from Bulandshahr, exhibited by Kunwar Abdul Ali Khan, *Rais* of Chitari, Bulandshahr, Rs. 75, *loan*, maker Lachman of Chitari.
Woollen rugs, 2, from Bulandshahr, exhibited by Chaudhari Har Sahai Singh, *Rais* of Jewar, Bulandshahr, Rs. 40, *sale*, maker, Kaley Khan and Maula Bakhsh of Jewar, Bulandshahr.
Cotton rugs, 2, from Bulandshahr exhibited by Chaudhari Har Sahai Singh, *Rais* of Jewar, Bulandshahr, Rs. 18, *sale*, maker Rahim Bakhsh of Jewar, Bulandshahr.

* Made from a grass growing in the khádir, which is peeled, beaten, twisted and dyed.

Daris, 8, from Bulandshahr, exhibited by Chaudhari Har Sahai Singh, *Rai* of Jewar, Bulandshahr, Rs. 34, *sale*, maker Har Parshad, Chipi of Jahangirabad.

Palang-poshes, 4, from Bulandshahr, exhibited by Bulandshahr Local Committee, Rs. 16, *sale*, maker Har Parshad, Chipi of Jahangirabad.

Palang (red stamp), 2 from Bulandshahr exhibited by Bulandshahr Local Committee, Rs. 8-8, *sale*, maker Har Parshad, Chipi of Jahangirabad.

Chintz, 2 pieces, from Bulanshahr, exhibited by Bulandshahr Local Committee, Rs. 8-8, *sale*, maker Har Parshad, Chipi of Jahangirabad.

Door *pardahs*, 2, from Bulandshahr, exhibited by Bulandshahr Local Committee, Rs. 3-4, *sale*, maker Har Parshad, Chipi of Jahangirabad.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 31, *sale*, maker Karamat Khan of Koel, district Ali-garh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 30, *sale*, maker Wazir Khan of Koel, district Aligarh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 10, *sale*, maker Nazir Khan of Koel, district Aligarh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 22, *sale*, maker Alahdad of Koel, district Aligarh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 19, *sale*, maker Munir Khan of Koel, district Aligarh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 22-0-3, *sale*, maker Abdul Rahman Khan of Koel, district Aligarh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 12, *sale*, maker Sahibdad Khan of Koel, district Aligarh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 7-6, *sale*, maker Mir Khan of Koel, district Aligarh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 12, *sale*, maker Badulla Khan of Koel, district Aligarh.

Dari, from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 12, *sale*, maker Faiz Bakhsh of Koel, district Aligarh.

Prayer-rug (*jaenamaz*), from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 14, *sale*, maker Abdul Rahman Khan of Koel, district Aligarh.

Prayer-rug (*jaenamaz*), from Aligarh, exhibited by Aligarh Municipal Committee, Rs. 8, *sale*, maker Abdul Rahman Khan of Koel, district Aligarh.

Table-cover, from Aligarh, exhibited by Kuar Muhammad Lutf Ali Khan, *Rais* of Talibnagar, Aligarh, *loan*, maker Basharat Ali, resident of Talibnagar, in the service of Kuar Lutf Ali Khan.

Rug, from Aligarh, exhibited by Kunwar Kundan Singh, *Rais* of Lakhim tahsil, Hathras district, Aligarh, *loan*, maker Buldeo, resident of Lakhim, Aligarh.

Piece for hangings, from Jalaun, exhibited by District Committee, Rs. 1-7-6, *purchased*, maker Ghazi Khan.

* Carpet, 9′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 105, *sale*, maker Babu Bani Parshad.

* Carpet 8′ × 4′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 93, *sale*, maker Babu Bani Parshad.

* Carpet 12′ × 6′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 185, *sale*, maker Babu Bani Parshad.

* Carpet 8′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 93, *sale*, maker Babu Bani Parshad.

* Carpet 9′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 105, *sale*, maker Babu Bani Parshad.

* Carpet 11′ × 15′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 160, *sale*, maker Babu Bani Parshad.

* Carpet 9′ × 13′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 115, *sale*, maker Babu Bani Parshad.

* In these carpets the work is of cotton and the woof and pile of wool. The trade which was for some time depressed, appears now to be reviving, and large orders have recently been executed for America. Prices are moderate, and many of the patterns are very artistic.

* Carpet 8′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 93, *sale*, maker Babu Bani Parshad.

* Carpet 11′ × 15′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 160, *sale*, maker Babu Bani Parshad.

* Carpet 11′ × 15′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer Rs, 160, *sale*, maker Babu Bani Parshad.

* Carpet 9′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 105, *sale*, maker Babu Bani Parshad.

* Carpet 8′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs, 93, *sale*, maker Babu Bani Parshad.

* Carpet 10′ × 14′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 140, *sale*, maker Babu Bani Parshad.

* Carpet 10′ × 13′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 130, *sale*, maker Babu Bani Parshad.

* Carpet 9′ × 13′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 115, *sale*, maker Babu Bani Parshad.

* Carpet 1′ × 13′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 130, *sale*, maker Babu Bani Parshad,

* Carpet 14′ × 18′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 280, *sale*, maker Babu Bani Parshad.

* Carpet 10′ × 14′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 140, *sale*, maker Babu Bani Parshad.

* Carpet 9′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 115, *sale*, maker Babu Bani Parshad.

* Carpet 8′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 93, *sale*, maker Babu Bani Parshad.

* Carpet 9′ × 13′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 115, *sale*, maker Babu Bani Parshad.

* Carpet 10′ × 14′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 140, *sale*, maker Babu Bani Parshad.

* Carpet 9′ × 12′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 105, *sale*, maker Babu Bani Parshad.

* Carpet 12′ × 15′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 185, *sale*, maker Babu Bani Parshad.

* Carpet 8′ × 15′, from Mirzapur, exhibited by Babu Bani Parshad, carpet manufacturer, Rs. 93, *sale*, maker Babu Bani Parshad.

† Counterpanes, 6, from Fatehpur, exhibited by Anwar Khan, Taparganj, Rs. 27-10 *purchased*, maker not known.

† Floor-cloths, 3, from Fatehpur, exhibited by Anwar Khan, Taparganj, Rs. 31-14, *purchased*, maker not known.

† Printed ceiling-cloth for *shamiana*, from Fatehpur, exhibited by Anwar Khan, Taparganj, Rs. 60, *purchased*, maker not known.

‡ Felt rug (*namda*), worked in colors, from Bahraich, exhibited by Dabari Lal, care of Deputy Commissioner, Bahraich, Rs. 6-6, *sale*, maker not known.

Carpet, small, 4, from Jhánsi, exhibited by District Committee, Jhánsi, Rs. 32, *purchased*, maker Khaju, carpet manufacturer.

Carpet, large, 2, from Jhánsi, exhibited by District Committee, Jhánsi, Rs. 160, *purchased*, maker Khaju, carpet manufacturer.

§ Baib matting, 2 pieces, frem Sháhjahánpur, exhibited by District Committee, Sháhjahánpur, Rs. 2-2, *purchased*, maker Wafati and Husen Bakhsh of city Sháhjahánpur.

* In these carpets the work is of cotton and the woof and pile of wool. The trade, which was for some time depressed, appears now to be reviving, and large orders have recently been executed for America. Prices are moderate, and many of the patterns are very artistic.

† The floor-cloths of Fatehpur, and the *shamiana* especially, have been exceedingly admired, and have come in a manner as a surprise, Fatehpur never having apparently competed at former exhibitions.

‡ A woollen manufacture similar to and introduced from Mirzapur, but very distinct as to patterns.

§ This matting is made of baib, a grass found along the banks of the Sarda river, near the foot of the hills. It is dried and brought into Sháhjahánpur and there made into matting. The fibre is not as usual twisted into string: it is simply plated together. (Sample Room).

* Red ground flowered carpet, from Bara-Banki, exhibited by District Committee, Bara Banki, Rs. 50, *sale*, makers Weavers of Fatehpur.
* Red ground flowered carpet, small, from Bara-Banki, exhibited by District Committee, Bara-Banki, Rs. 5-8, *sale*, makers Weavers of Fatehpur.
* White ground, blue flowered, from Bara-Banki, exhibited by District Committee, Bara-Banki, Rs. 3-4, *sale*, makers Weavers of Fatehpur.
* White ground blue flowered, from Bara-Banki, exhibited by District Committee, Bara-Banki, Rs 2-4, *sale*, makers Weavers of Fatehpur.
† Woollen carpet, 12′ × 9′, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 200, *sale*, maker Jail labour.
† Woolled carpet, 12′ × 9′, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 200, *sale*, maker Jail labour.
‡ Woollen carpet, 12′ × 9′, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 150, *sale*, maker Jail labour.
§ Woollen carpet, very fine, 10′ × 7′, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 200, *sale*, maker Jail labour.
‖ Woollen stair carpet, 36′ × 2′, 1, from Allahabad, exhibited by Superintendent, Central Prison Allahabad, Rs. 88, *sale*, maker, Jail labour.
¶ Cotton carpet, 10′×7′, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 100, *sale*, maker Jail labour.
** Aloe-fibre stair carpet, 27′× 2′, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 12, *sale*, maker Jail labour.
†† Woollen rugs, 5′×3′, 6, at Rs. 25 each, from Allahabad exhibited by Superintendent, Central Prison, Allahabad, Rs. 150, *sale*, maker Jail labour.
‡‡ Woollen rug, very fine, 3′×2′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 16, *sale*, maker Jail labour.
§§ Cotton rugs, 8′×5′, 3, at Rs. 35 each, from Allahabad, exhibited by Superintendent Central Prison, Allahabad, Rs. 105, *sale*, maker Jail labour.
‖‖ Woollen rug, 5′× 3′, 1, from Allahabad, exhibited by Superintendent, Central Prision, Allahabad, Rs. 18-5-4, *presentation*, maker Jail labour.
‖‖ Woollen *asni* 3′×2′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 7-5-4, *presentation*, maker Jail labour.
‖‖ Cotton rug, 8′ ×5′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 18-6-0, *presentation*, maker Jail labour.
‖‖ *Pardah*, 6′×6′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 5-0-0, *presentation*, maker Jail labour.

* An art which has sprung up of late years, and seems flourishing.
† This carpet has from 100 to 144 threads to the square inch. The wool used is the common country wool. The work done per day was about 4 inches, six weavers and a reader being employed.
‡ This carpet contains 100 threads to the square inch. Wool common country. Three inches a day work done. Six weavers and a reader employed.
§ This carpet is made from very fine soft wool obtained from Lahore. The number of threads in a square inch is 225. The particular point about it is, that it has a cotton backing which is woven in at the same time as the wool. This will ensure the carpet lasting, as on the wooden floors the constant friction wears away the loop of the woollen thread, and accounts for the complaints that the Indian carpets do not wear well, the woollen nap brushing out. This is the first carpet of the class manufactured. The amount of work done was two inches a day, six weavers and a reader being employed.
‖ This stair carpet has also 81 threads to the square inch. It has also cotton for the backing as in the fine carpet referred to above.
¶ This carpet is made in a similar way to the woollen ones. The cotton is dyed with native dyes. Work about 3 inches a day is done, five weavers and a reader being employed.
** This is sent as a sample. Aloe fibre is a very strong and lasting fibre, and ought to be well adapted for stair carpeting.
†† These rugs are all 81 threads to the square inch, which is the common quality mostly made.
‡‡ This is a pattern of very fine work: 25 threads being contained in one inch, 625 in the square inch.
§§ These rugs contain but two colors in combination. Four men did four inches a day.
‖‖ A percentage is charged on account of profits in the case of articles supplied to Government or to wholesale dealers. This may ordinarily be fixed at 10 per cent. on the cost of raw material and labour, for sales to retail dealers at 15 per cent. on that cost, and for sales to private individuals 25 per cent.

* *Pardah*, 3′×3′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Re. 1-4, *presentation*, maker Jail labour.
* Red diamond munj matting, 12′×9′, at 12 annas per square yard, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 9, *sale*, maker Jail labour.
* Aloe-fibre door-mat 4′×2′, 10 seers, at 7 annas per seer, from Allahabad exhibited by Superintendent, Central Prison, Allahabad, Rs. 4-6-0 *sale*, maker Jail labour.
* Aloe-fibre door-mat, fret-worked, 3′×2′, 4 seers, at 10 annas per seer, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 2-8, *sale*, maker Jail labour,
* Plain white munjmat, 8′ × 5′ 7″, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 2-1-2, *sale*, maker Jail labour.
† Woollen *asnis*, 3′×2′, 12, at Rs. 6 each, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 72, *sale*, maker Jail labour.
‡ Flowered cotton *dari*, 12′×9, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 50, *sale*, maker Jail labour.
§ Cotton *dari*, stair carpet, 21′×2′, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 12, *sale*, maker Jail labour.
‖ *Pardahs*, 3′ × 3′, 6′, from Alahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 12, *sale*, maker Jail labour.
‖ *Pardah*, 6′×6′, 1, Turkish towel pattern, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 10, *sale*, maker Jail labour.
‖ *Pardah*, 3′×3′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 5 *sale*, maker Jail labour.
¶ Munj mat, red diamond, 12′×9′, 1, at Re. 1 per square yard, from Allahabad, exhibited by Superintendont, Central Prison, Allahabad, Rs. 12, *sale*, maker Jail labour.
¶ Munj mat, black diamond, 12′×9′, 1, at Re. 1 per square yard, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 12, *sale* maker Jail labour.
** Munj mats, fret work, 4′×2′, 2, at Rs. 3 each, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 6, *sale*, maker Jail labour.
†† Blue and white aloe fibre mat, 10′×7′. from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 15, *sale*, maker Jail labour.
†† Black and white aloefibre mat, 10′×7 from Allahabad exhibited by Superintendent, Central Prison, Allahabad, Rs. 10, *sale*, maker Jail labour.
‡‡ Aloe-fibre mats, 3′× 2′, carpet pattern, 2, at Rs. 9 per square yard from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 12, *sale*, maker Jail labour.
§§ Aloe-fibre door-mat, 4′×2′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 4-8, *sale*, maker Jail labour.

* A percentage is charged on account of profits in the case of articles supplied to Government or to wholesale dealers. This may ordinarily be fixed at 10 per cent. on the cost of raw material and labour, for sales to retail dealers at 15 per cent. on that cost, and for sales to private individuals 25 per cent.
† These are the same quality as Nos. 29905-10.
‡ Six men were employed on this *dari*. The work done was four inches a day.
§ These are all country patterns. They are made at the rate of 18 inches a day, two men being employed.
‖ This is a new pattern of *pardah*. It will not be so liable to blow about as the common ones.
¶ The material used is the common country munj beaten out by mallets, spun and woven Seven feet a day is fair work.
** These mats are made by first plaiting the munj and then sewing it together. One man makes a mat in a day.
†† This mat is made out of the fibre of the common country aloe-fibre beaten out with mallets by prisoners. They make about 3 feet in a day. Dye used, indigo.
‡‡ These are made with a long nap similar to the woollen carpets. Aloe-fibre takes any dye most beautifully.
§§ These are made similar to above, but in one color.

* Aloe-fibre door-mat, 3′×6′, fret-worked, 1, from Allahabad exhibited by Superintendent, Central Prison, Allahabad, Rs. 2-8, *sale*, maker Jail labour.
† Persian carpet, 14′×14′, 2, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 500, *sale*, maker Jail labour.
‡ Cotton carpet, 14′× 14,′ 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 192, *sale*, maker Jail labour.
§ Persian rug, 7′ × 4′, 3, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 109-8, *sale*, maker Jail labour.
§ Persian rug, 7′9″×5′6″, 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 55-6, *sale*, maker Jail labour.
‖ Persian rug 3′×3′, 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 22, *sale*, maker Jail labour.
Persian rug, 3′×2′3″, 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 16, *sale*, maker Jail labour.
Persian rug, 3′×2′6″, 1 from Lucknow exhibited by Superintendent, Central Prison, Lucknow, Rs. 17, *sale*, maker Jail labour.
¶ Cotton rug, 7′×4′, 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 34, *sale*, maker Jail labour.
Cotton rug, 7′×4′, 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 31, *sale*, maker Jail labour.
** Colored *pardahs*, 8′×6′ each, 5, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 33, *sale*, maker Jail labour.
†† Colored *pardah*, 8′×6′, 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 8-8, *sale*, maker Jail labour.
‡‡ *Pardah*, 1 roll, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, *loan*, maker Jail labour.
§§ Fancy *dari*, 7′×4′, 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 19-2, *sale*, maker Jail labour.
‖‖ Fancy *dari*, 7′×4′, 1, from Lucknow, exhibited by Superintendent, Central Prison, Lucknow, Rs. 31-1-9, *sale*, maker Jail labour.
‖‖ Fancy *dari*, 7′×4′, 6 from Lucknow exhibited by Superintendent, Central Prison, Lucknow, Rs. 66, *sale*, maker Jail labour.
¶¶ Fancy *dari*, 7′×4′, 1, from Lucknow, exhibited by Superintendent Central Prison, Lucknow, Rs. 7, *sale*, maker Jail labour.
*** Fancy *dari*, 7′×4′, 1 from Lucknow exhibited by Superintendent, Central, Prison, Lucknow, Rs. 4-4, *sale*, maker Jail labour.
††† Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 4, *sale*, maker Jail labour.
††† Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 3 annas 6, *sale*, maker Jail labour.
††† Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 4, *sale*, maker Jail labour.
††† Plain striped *dari*, 7′×3′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 3 annas 8, *sale*, maker Jail labour.
††† Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 3 annas 6, *sale*, maker Jail labour.

* This is made by plaiting the aloe-fibre and then sewing it together.
† Made of country woollen and English cotton thread on country loom, 2 ×3″ a day.
‡ Made of country cotton threads on country loom, 3′ × 5″ a day.
§ Made of country woollen and English cotton thread on country loom, 2′ × 3″ a day.
‖ Made of Lahore woollen and English cotton thread on country loom, 1′ × 1½″ a day.
¶ Made of country thread on country loom, 9′ × 5″ a day.
** Made of English thread on country loom, 6′ per day.
†† As above.
‡‡ Made of English cotton thread on wooden pegs.
§§ Made of of country cotton thread on wooden pegs; 2″ a day.
‖‖ Made of country cotton thread on wooden pegs, 4″ a day.
¶¶ Made of country cotton thread on wooden pegs, 8″ a day.
*** Made of country cotton thread on wooden pegs, 1½′ a day.
††† Made of country cotton thread on wooden pegs, 2′ a day.

* Plain stripped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs 4, *sale*, maker Jail labour.
* Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 3-6, *sale*, maker Jail labour.
* Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 4, *sale*, maker Jail labour.
* Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 4, *sale*, maker Jail labour.
* Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 3-6, *sale*, maker Jail labour.
* Plain striped *dari*, 7′×4′, 1, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 3-10-6, *sale*, maker Jail labour.
† Hemp *dari*, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, Rs. 5-8, *sale*, maker Jail labour.
‡ Tapestry *dari*, 7′×4′, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, *loan*, maker Jail labour.
§ Tapestry *dari*, 7′×4′ from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, *loan*, maker Jail labour.
§ Tapestry *dari*, 7′×4′ from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, *loan*, maker Jail labour.
§ Tapestry *dari*, 7′×4′, from Allahabad, exhibited by Superintendent, Central Prison, Lucknow, *loan*, maker Jail labour.
‖ Coloured munj matting, 25 yards, from Lucknow, exhibited by Superintendent, Central Prison, Rs. 13-4, *sale*, maker Jail labour.
¶ Jubbulpore matting, 24½ yards, from Lucknow, exhibited by Superintendent, Central Prison, Rs. 32-9, *sale*, maker Jail labour.
** Aloe-fibre matting, 14¾ yards, from Lucknow, exhibited by Superintendent, Central Prison, Rs. 6, *sale*, maker Jail labour.
†† Door-mats, 1 from Lucknow, exhibited by Superintendent, Central Prison, Rs. 3-3, *sale*, maker Jail labour.
‡‡ Door mats, 1 from Lucknow, exhibited by Superintendent, Central Prison, Rs. 3-3, *sale*, maker Jail labour.
‡‡ Aloe-fibre matting, from Lucknow, exhibited by Superintendent, Central Prison, Rs. 4-12, maker Jail labour.
§§ Munj matting patterns, 12, from Lucknow exhibited by Superintendent, Central Prison, *loan*, maker Jail labour.
‖‖ Jubbulpore matting patterns, each 3′×2′, 12, from Lucknow, exhibited by Superintendent, Central Prison, *loan*, maker Jail labour.
¶¶ Woollen carpets, 9, from Benares, exhibited by His Highness the Maharaja of Benares, *loan*, maker not given.
Woollen carpet, from Benares, exhibited by Superintendent, Central Jail Benares, Rs. 280, *sale*, maker Jail labour.
Cotton carpet, from Benares, exhibited by Superintendent, Central Jail, Benares, Rs. 120, *sale*, maker Jail labour.
Munj matting, diamond pattern, from Benares, exhibited by Superintendent, Central Jail, Benares, *loan*, maker Jail labour.
Munj matting, diamond pattern, from Benares, exhibited by Superintendent, Central Jail, Benares, *loan*, maker Jail labour.

* Made of country cotton thread on wooden pegs, 2′ a day.
† Made of sutli on wooden pegs.
‡ Made of country cotton thread on wooden pegs, 2″ a day.
§ Made of English cotton thread (mill twist), 2″ a day.
‖ Made of munj ban colored in the jail on wooden pegs, 20″ per day.
¶ Made of sutli and country cotton thread on English looms, 6′ per day.
** Made of aloe fibre on wooden pegs, 20′ a day.
†† Made of ban munj in 4 days by one man.
‡‡ Made of aloe fibre in 4 days by one man, 2′ a day.
§§ Made of ban munj on wooden pegs.
‖‖ Made of country cotton thread and *sutli* on wooden pegs.
¶¶ Manufactured in a village called Ghasia in the Family Domains of the Maharaja, in the Mirzapur district.

Munj matting, diamond pattern, from Benares, exhibited by Superintendent, Central Jail, Benares, *loan*, maker Jail labour.

Munj matting, diamond pattern, from Benares, exhibited by Superintendent, Central Jail, Benares, *loan*, maker Jail labour.

Munj matting, diamond pattern, from Benares, exhibited by Superintendent Central Jail, Benares, *loan*, maker Jail labour.

Munj matting, plain, from Benares, exhibited by Superintendent, Central Jail, Benares, *loan*, maker Jail labour.

Fancy pattern *dari*, from Benares, exhibited by Superintendent, Central Jail, Benares, Rs. 12, *sale*, maker Jail labour.

Net pattern *dari*, from Benares, exhibited by Superintendent, Central Jail, Benares, Rs. 10, *sale*, maker Jail labour.

Flowered *pardah*, from Benares, exhibited by Superintendent, Central Jail, Benares, Rs. 8, *sale*, maker Jail labour.

Plain *pardah*, from Benares, exhibited by Superintendent, Central Jail, Benares, Rs. 8, *sale*, maker Jail labour.

* Persian carpet, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 210, *sale*, maker Jail labour.

† Sample of carpeting, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 10 per square yard, *presentation*, maker Jail labour.

‡ Sample of carpeting, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 10 per square yard, *presentation*, maker Jail labour.

§ Sample of carpeting, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 10 per square yard, *presentation*, maker Jail labour.

‖ Persian rug, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 55, *sale*, maker Jail labour.

¶ Persian rug, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 55, *sale*, maker Jail labour.

** Persian rug, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgrh, Rs. 55, *sale*, maker Jail labour.

†† Flowered *dari*, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 2-8 per square yard, Rs. 25, *sale*, maker Jail labour

‡‡ Striped *dari*, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 1-8 per square yard, Rs. 35, *sale*, maker Jail labour.

§§ Striped *dari*, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 1-8 per square yard Rs. 25, *sale*, Jail labour.

Samples of *dari*, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Rs. 3-8 per square yard, *presentation*, maker Jail labour.

‖‖ Samples of *dari*, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh, Re. 0-8 per square yard, *presentation*, maker Jail labour.

¶¶ Samples of *dari*, from Fatehgarh, exhibited by Superintendent, Central Prison, Fatehgarh Rs. 2-8 per square yard, *presentation*, maker Jail labour.

*	Pattern	No.	2A.
†	,,	,,	K.
‡	,,	,,	1E.
§	,,	,,	2E.
‖	,,	,,	12.
¶	,,	,,	2A.
**	,,	,,	1.
††	,,	,,	3.
‡‡	,,	,,	44.
§§	,,	,,	28.
‖‖	,,	,,	56.
¶¶	,,	,,	3.

* Jaipur Darbar carpet (*a*), from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 1,000, *loan*, maker Jail labour.

Carpet, Taj pattern, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 130, *sale*, maker Jail labour.

Carpet, unique pattern, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 75, *sale*, maker Jail labour.

Carpet, Hydrabad pattern, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 95, *sale*, maker Jail labour.

Old Persian carpet, centre of camel's hair ground, 16′ ×13′, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 335, *sale*, maker Jail labour.

* The original, of which this carpet is an exact copy, has been in the Jaipur family for over a hundred and fifty years. It was brought to India by one of the early Afghan invaders of Hindustan, and was probably woven at Herat in the early or middle part of the eighteenth century, when Herati carpets were much sought after by the princes and noblemen of the Moghul court, then in its full splendour. This carpet was, with many other valuable gifts, presented by the Moghul Emperor Mahomed Shah to Rajah Jai Singh (who founded the city of Jaipur, making it his capital in lieu of his ancestral city of Amber). It was a reward for having built the celebrated *Jantar-Mantar*, or Royal astronomical observatory, at Delhi in A.D. 1730, which this eminent Indian astronomer, whose family is believed to be descended from KUSHA, the eldest son of the Hindu demigod RAMA, designed and completed for the Emperor in that year.

The original carpet, of which only a slip now remains, measuring some 20 feet by 12 feet, is woven from the finest *Pushm* wool, very similar to that employed in the celebrated Kashmir shawls, with a cotton foundation of twelve threads to the inch.

The design of the border is entirely and purely Persian, consisting, as it does, of alternate medallions and flowers, with a fish on opposite sides. The design of the centre is evidently a mingling of the Afghan with the Persian and Arabic, as is shown by the geometrical outlines filled in with medallions and floral ornamentation. These are so beautifully and harmoniously intermixed that there is no clashing of style; in fact, so cleverly and neatly are the three classes of design intermingled, that only a person thoroughly acquainted with the local peculiarities which, in ancient times, distinguished the patterns of one country from another could detect or separate them. The colors in the original carpet are purely Persian, and are as bright and as beautiful in tone to-day as they were when the carpet was first woven; the tints are, perhaps, a little mellowed by time, but this takes nothing from, on the contrary it rather adds to, their beauty. The deep red groundwork of the centre and dark green of the large border, as also the deep blue-green of the centre leaflets and flowers in the original, possesses a lustre making the wool forming the pile look, to the uninstructed eye, like silk. This is partly due to the description of wool used and partly to the ancient method of dyeing.

The medallions in the centre of the carpet, with their connecting geometrical links, leaflets and flowers, are, so far as design and harmony of color are concerned, the most beautiful of any which I have yet seen.

In the carpet now exhibited, and which was woven in the AGRA CENTRAL PRISON by the best weavers, the design has been most accurately reproduced; while the different colors, which blend together so harmoniously (and which have been so much admired by every one who visited the jail while it was on the loom), have been accurately copied, great care having been taken to reproduce the exact shades employed in the original carpet.

The best wool procurable, machine-spun and dyed with fast colors, has been employed in the formation of the pile, while the *warp* or foundation, which consist of twenty threads to the inch, is made of fine, machine-spun Nagpur cotton; in fact, no expense and trouble of supervision have been spared to render this copy as nearly as possible equal to the original.

In weaving ordinary quality carpets, each weaver can with ease weave 72 square inches per day of eight hours; while, with much difficulty, in the carpet now exhibited, each man could get through but 12 square inches, so closely and compactly has each line been beaten home. So well has this been done that the geometrical outlines appear almost as distinct as if drawn on paper with pencil and compass." *(By Dr. J. Tyler, Superintendent, Central Jail, Agra.)*

(*a*) For direction as to dyeing of wool for carpet, *see* page 85 *infra*.

* Kurdistan carpet, 16′×13′, from Agra exhibited by Superintendent, Central Prison, Agra, Rs. 270, *sale*, mrker Jail labour.

Carpet, parrot pattern, 9′ × 6′, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 100, *sale*, maker Jail labour.

Carpet, old Persian, 18′ ×15′, from Agra, exhibited by Superintendent, Central prison, Agra, Rs. 470-0-6, *sale*, maker Jail labour.

Carpet, 14′ × 13′ from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 500, *not for sale*, maker Jail labour.

Carpet, 17′ × 11′, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 520, *not for sale*, maker Jail labour.

Carpet, No. 5 pattern, 14′ 6″ × 21′, 1, from Agra, exhibited by Superintendent, Central Prison, Agra, *loan*, maker Jail labour.

Carpet, No. 5 pattern, 24′ 6″ × 2′, 1, from Agra, exhibited by Superintendent, Central Prison, Agra, *loan*, maker Jail labour.

Carpet, No. 2, 11′ 6″× 15′, 1, from Agra, exhibited by Superintendent, Central Prison, Agra, *loan*, maker Jail labour.

Carpet, No. 1, 16′ 3″ × 11′6″, 1, from Agra, exhibited by Superintendent, Central Prison, Agra, *loan*, Jail labour.

Carpet, No. 5, 11′6″×15, 1, from Agra, exhibited by Superintendent, Central Prison, Agra, *loan*, Jail labour.

Carpet, No. 3, 11′6″×15′, 1, from exhibited by Superintendent, Central Prison, Agra, *loan*, maker Jail labour.

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* Carpets made by the nomad tribes of western Kurdistan are worked generally in a kind of underground hut. The ground having been excavated to a sufficient depth to afford space for the occupants and shelter from the weather, a small incline, or a flight of clumsy steps gives access to the dwelling. Two beams are then introduced and the work carried on by the women of the family.

It is matter for reflection that many of the carpets which are found to add to the dignity and beauty of the palaces of Europe were made by people whose primi ive habits of life were at variance with those of civilized nations, and who needed no schools of art, nor expensive educational process, to stimulate their imagination and direct their art instincts. Underlying this extraordinary intuition in oriental people is a problem difficult of solution. Whether their aptitudes arise from psychological peculiarities, or are due to their religious beliefs, to social characteristics, or to all combined, there can be no doubt that in the particular development of human industry which we are considering, these people remain now, as they have been in all historic times, unrivalled. All civilized nations have admired their productions. The Greeks and Romans shared in admiration of oriental art manufactures, and the finest European designs of the Renaissance were founded on inspirations drawn from the East. In the manufacture of carpets, although all are made on one general plan, certain peculiarities mark each country and each district. For example, in some places the foundation upon which the pile is woven is of cotton ; in others, of wool; and in others, again, silk is used. In Kurdistan the foundation is usually of wool, and the pile of goats' hair or camels' hair. Great differences exist in the quality of these materials in different places. The wool of the sheep, as is well known, changes its character according as the habit of the animal is a warm, a cold, or a temperate climate. In Kurdistan and in Khorassan the wool is extremely soft, and in some parts very lustrous. This is due in part to the breed of the sheep, and in part to the pasturage on which they are nourished. Here whole tracts of country are such as Warburton describes in his morning ride after sunrise, when the hoofs of his horse crushed the odour from the carpet of flowers. In many places, also, the fleeces are of varied shades of color, deepening to actual brown and black, and are used in the designs in their natural condition without dyeing, like the ground of the present illustration. This is a circumstance of some technical importance, never as yet, so far as I am aware, much noticed." *(Vincent Robinson's work on Eastern Carpets.)*

* Carpet, Sarakhs, 15′×12′, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 500, *sale*, maker Jail labour.

Carpet No. 3, 10½′×8′, 1, from Agra, exhibited by Superintendent, Central Paison, Agra, Rs. 225, *sale*, maker Jail labour.

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* Sarakhs on the Attrek, and within the Turcoman frontier, was the source of magnificent carpets, but owing to the famines it has long since ceased to be a centre of production.

The accompanying plate, from a mosque carpet made in this district, shows the design grandly arranged with one centre medallion, terminating in crescent-shaped forms with angle medallions filled with beautiful arabesques. Such carpets were occasionally woven with the design spaced out in compartments, as if for three devotees to prostrate themselves side by side: but the present outline is not unusual, being found on covers of copies of the Koran and, occasionally, in the decoration of stuffs. The color here adopted is, however, unique. The magnificent tawny yellow, with which the greater part of the surface is overspread as with cloud like streaks of a golden sunset, it has been found impossible to produce correctly in the illustration. How this was obtained in the original carpet is uncertain. Skilful dyers have professed themselves unable to procure a like result by any methods now practised in Europe. Either Persian berry or Ipreck may have been the coloring matter used, but alone they would hardly had given the tawny shade, slightly inclining to red, with which the yellow is suffused. Possibly this was produced with kermes and some such mordants as tartar and salts of tin.

The dye stuffs and methods of dyeing used by the Orientals have been the subject of curiosity and admiration to Europeans for centuries. Northern countries appear always to have been at disadvantage in respect not only of a certain inaptitude in harmonising colours in their designs, but also, in comparison with Eastern dyers, in the quality of tone and in the durability of their dyes. The dyer in Europe appears to be too much of a chemist and too little of an artist for the result of his work, however clever and praiseworthy in itself, to be perfectly satisfactory from an art point of view.

The inventive genius of modern chemists has in reality worked the destruction of many of the finest colors applied to textiles, and in all probability is destined to efface utterly many more traditions which were founded in Eastern countries of centuries of sympathetic and continuous observation drawn from natural sources.

The laboratory of the chemist is not the school in which to learn artistic refinements of color. Accordingly we find that the aniline dyes, which are rapidly displacing all others throughout the world, are debasing the finer sense of color everywhere. The discovery of aniline, which arose, not out of a search after the beautiful, but as a result of a distinct branch of scientific inquiry, has the great advantage of appealing to the cupidity of the manufacturer for the reason that it is a cheaper material. This it is which makes its final triumph certain, and the completo disappearance of the older more beautiful and durable dyes only a question of time.

Kermes, one of the dyes used in the mosque carpet here illustrated, was one of the most important ever employed, the best reds being dyed with it until far into the seventeenth century. Known in the East in the time of Moses, it was used in India for silk-dyeing from time immemorial, and remained the most valued dye-stuff for reds until superseded, after the conquest of Mexico by Cortez in A.D. 1518, by cochineal, when the latter gradually took its place owing to its comparative cheapness. This recommendation proved a sufficient temptation then, as it always has done in the history of manufactures, for supplanting more beautiful and more durable materials, if only to be obtained at greater cost. In kermes the durability of the dye, as compared with cochineal, is probably due to the astringent vegetable matter or juice of the oak on which the insect feeds.

The color only attains its full lustre after exposure to the sun's rays. The quality of the water used is known to have a great influence in dyeing operations, and it seems reasonable to suppose that where sunlight and heat play so important a part, natural climatic advantages must be on the side of the oriental dyers.

In the middle ages kermes was in general use all over Europe. The rural serfs in Germany were bound to deliver annually to the convents a certain quantity of it, and a great deal was used in Venice for the red to which that city gave its name. It was used in Poland, whence came one of the carpets illustrated in this book, where kermes was found on the roots of the Scheran thus Perennis in the Ukraine; whilst its employment by the Turks, Cossacks, and Armenians is well authenticated. The Greek and Roman dyers used it. Pliny speaks of it as coccigranum. The Spaniards paid a great part of their tribute to Rome with the grains, which were used in their purple days; and Plutarch relates as an instance of the durability of this purple or red that some material dyed with it was 190 years old in his day and yet had lost none of its brilliancy. More recently, Hellot speaks of the red in the draperies of the figures in old Flemish tapestries dyed with kermes as having lasted 200 years, with scarcely any loss of their original tone.

In brief, kermes, which has always been employed by the greatest dyers, is now quite superseded by other and inferior materials. In the carpets illustrated in the present work all the reds are nearly as brilliant as when they were first dyed. Where is the red now made in Europe of which the same is likely to be said two centuries hence?" *(Vincent Robinson's work on Eastern Carpets.)*

* Carpet, Baghdad, 8′4″×6′, 1, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 300, *loan*, maker Jail labour.

† Carpet, Shiraz, 8′ 3″× 6′, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 300, *loan*, maker Jail labour.

Jai Namaz (prayer rug), from Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 54, *sale*, maker Jail labour.

* This is one of the most interesting carpets now existing, not merely as a specimen of manufacture full of technical peculiarities, but for the combination of Persian, Mongolian, and Arab features in its design.

In order to trace the strange admixture of these elements in Baghdad work it is necessary to go back to the middle of the thirteenth century, when the city was taken and the Caliphate abolished by Hulaku the Tartar. The influence of the Tartars and Mongols seems to have been strong from that time, throughout all the disasters of Baghdad, until the end of the fourteenth century, when Tamerlane removed the artists and scholars from the cities he captured to Samarcand, and thus spread Arab and Persian ideas and tastes in Tartary, whence again a corresponding reflex of feeling turned to the places he conquered. Baghdad, twice visited by him, was much exposed to Mongolian influences. Subsequently the Persians held possession of the city at different times, and it had a great reputation in the middle ages for fabrics in which representations of animals and birds were introduced, as well as for those in which gold and silver thread were interwoven. Marco Polo mentions that in his day Baghdad was the seat of such manufactures, "richly wrought with figures of birds, beasts, &c." In all these were the lingering traditions of the old Babylonian work to which references are made in the Bible, and again in Josephus (gorgeous with lifelike designs from the Babylonian loom).

The mingling of animal forms had originally a mystic significance. Thus the bird worked so beautifully into this carpet is the *Roc*, or Angka, of the Arabs, symbolising power and light. This creature is represented as struggling with the evil spirit, or darkness, in the form of an alligator or dragon (the Mongolian or Chinese dragon.) These are some of the details which the Arabs got from their Tartar conquerors, and we have in this specimen a further and very curious mixture of Persian with Arab ideas in the way in which the cartouches are arranged with floral ornament twisted grotesquely so as to fill the interspaces. In treatment the general feeling of the design, and particularly of the border, is Arabian.

Baghdad, like Mashad, Karman, and Herat, was peculiarly happy in its geographical position, affording, as it did, facilities for obtaining the raw materials necessary for silk and woollen manufactures. Placed on the banks of a great navigable river, only about 300 miles from the Persian Gulf, and in direct communication by caravan with Syria and Persia, the famed capital of the Caliph Haroun-al-Raschid was for centuries a great *entrepôt* between East and West. In the plains, at no great distance from the city were large fertile tracts producing the best kinds of wool, camels' and goats hair and silk was abundant, as were also kermes, pomegranate, and other dye-stuffs.

There was a lavish use of silk in Baghdad work as in that of Herat, and this is well shown in the example illustrated, of which the foundation is formed entirely of that material. Very fine wool is used for the pile, but in certain parts, namely in the outline of the design, which is very minute, silk is introduced with considerable judgment, so as to give a more sparkling local effect." (*Vincent Robinson's work on Eastern Carpets.*)

† In Shiraz, the capital of Fars, or Persia proper, were made some of the most interesting of Persian carpets. Natural as well as artificial peculiarities led to the celebrity which this manufacture attained. The city, situated about 4,500 feet above the level of the sea, was beautifully surrounded with rich and fertile environs supporting flocks of sheep producing the finest wool. It was long the residence of the rulers of Persia, under the dynasty of the Abbasides, sharing this distinction with Ispahan. One of its most conspicuous manufactures, that of carpets, continued until the town was nearly destroyed by an earthquake in 1850. Since these carpets, used to sit upon and to pray upon, were either made for the ruler himself, or for presents to distinguished persons, there was every incentive to the production of fine specimens, and such works as the one here illustrated were the result of patient labour and of keen appreciation of the beautiful, innate as well as cultivated, in the weavers. They may now be regarded in the same category as the tapestries of Europe made during the middle ages and the period of the Renaissance. Both were costly in production, and only fitted for the highest uses to which such fabrics could be put. The one here copied is a fine example of the Persian and Mongol styles contending, yet harmonizing, with each other. The Mongolian element in Persian designs was introduced after the fall of the Salghar dynasty in 1261, when, although the title of Atabeg remained, the province of Fars was really under Mongolian administration.

An ordinary prayer rug, such as is at this day in common use in Mahomedan countries, scarcely offers, excepting in the method employed in weaving it, any point of resemblance to the rug illustrated. The materials of the latter are not the same, while the design and color ing give a never fading interest, which neither time nor familiarity diminish." (*Vincen Robinson's work on Eastern Carpets.*)

Dari, Maltese pattern, from Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 62, *sale*, maker Jail labour.

Dari, Ionic pattern, from Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 62, *sale*, maker Jail labour.

Dari, fancy pattern, 8′9″ × 6′, from Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 20, *sale*, maker Jail labour.

Dari, fancy pattern, from Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 25, *sale*, maker Jail labour.

Dari, fancy pattern, 8′9″ × 6′, from Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 66, *sale*, maker Jail labour.

Dari, fancy pattern, 2, from Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 50, *sale*, maker Jail labour.

Dari, fancy pattern, from Agra, exhibited by Superintendent, Central Jail, Agra, Rs 60, *sale*, maker Jail labour.

Munj matting, diamond pattern, 50′ × 4′, from *Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 30, *sale*, maker Jail labour.

Munj plan, 50′ × 4, from Agra, exhibited by Superintendent, Central Jail, Agra, Rs. 15, *sale*, maker Jail labour.

* Prayer rug, blue and white, from Agra, exhibited by Municipal Committee, Rs. 6, *sale*, maker not given.

* Prayer rug, betel-leaf pattern, from Agra, exhibited by Municipal Committee, Agra, Rs. 2, *sale*, maker not given.

* Prayer rug, blue and red with a tree in the centre, from Agra, Municipal Committee, Agra, Rs. 2, *sale*, maker not given.

Dari with red, yellow, and blue stripes, from Agra, exhibited by Municipal Committee, Agra, Rs. 25, *sale*, maker not given.

Dari with blue and white stripes, and red flowers, from Agra, exhibited by Municipal Committee, Agra, Rs. 8, *sale*, maker not given.

Dari with gold thread, from Agra, exhibited by Municipal Committee, Agra, Rs. 13, *sale*, maker not given.

Dari with white and blue stripes, from Agra, exhibited by Municipal Committee, Agra, Rs. 4, *sale*, maker not given.

Dari with red, blue, and yellow stripes, from Agra, exhibited by Municipal Committee, Agra, Rs. 5, *sale*, maker not given.

Dari, flowered, from Agra, exhibited by Municipal Committee, Agra, Rs. 12, *sale*, maker not given.

† 14 samples of floor-cloth, from Agra, exhibited by Municipal Committee, Agra, Rs. 2, *sale*, maker not given.

Dari, flowered, from Agra, exhibited by Municipal Committee, Agra, 7 yards, *sale*, maker not given.

‡ Cushions, embroidered, from Agra, exhibited by Municipal Committee, Agra, Rs. 90, *sale*, maker Lala Peary Lal.

A woollen carpet made in the Rámpur State Jail, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, not known, *loan*, maker Jail labour.

* *Daris* are manufactured at Lohamandi, Nayabasti, and Fatehpur Sikri, and the trade gives employment to about 2,000 persons. A bed dari is sold at from 12 annas to Rs. 20 each. Thread for manufacture is procured from local markets. The *daris* are exported in great quantities all over India, and people visiting Agra buy numbers. The average profit is about 5 per cent., and the wages earned by the workmen are about 12 annas 6 pie per diem. The trade is in the hands of the Mahomedans and is increasing steadily.

† The Agra floor-cloths are well known. The cloth used is the ordinary coarse garha, which is manufactured to a great extent in the city. It is stamped by a particular caste of Hindus called Chipis, of whom there are about 2,000 in one *mohalla*. There is an inexhaustible variety of patterns, and every year fresh dyes are invented and utilized in this trade. The *usual price is Rs. 2 per than* of 7 yards × 1 yard. The trade is flourishing.

‡ *This is a sample of the Agra embroidery work.* There is not a very large trade in this article. Such articles are only made to order and the trade is falling off.

* A pair of chicks of *sirki*, bound with red border, from Farukhabad, exhibited by Mr. G. J. Nicholls, Collector, Farukhabad, Rs. 7, *sale*, maker Jail labour.
Carpet (Kalin), from Moradabad, exhibited by Sub-Committee, Moradabad, Rs. 120, *sale*, maker Niaz Ali of Amroha.
Woollen carpets, from Basti, exhibited by District Jail, Rs. 19-7-1, *sale*, maker Jail labour.
Woollen carpets, from Basti, exhibited by District Jail, Rs. 19-7-1, *sale*, maker Jail labour.
Woollen carpets, from Basti, exhibited by District Jail, Rs. 5-15-9, *sale*, maker Jail labour.
Woollen carpets, from Basti, exhibited by District Jail, Rs. 23-3, *sale*, maker Jail labour.
Woollen carpets, 14′×20″, from Allahabad, exhibited by District Jail, Rs. 375, *sale*, maker Jail labour.
Woollen carpets, black, 10′×14′, from Allahabad, exhibited by District Jail, Rs. 233, *sale*, maker Jail labour.
Cotton rug, 4′× 7′, from Allahabad, exhibited by District Jail, Rs. 24, *sale*, maker Jail labour.
Cotton rug, 4′× 7′, from Allahabad, exhibited by District Jail, Rs. 40, *sale*, maker Jail labour.
Cotton *dari*, 12′×24′, from Allahabad, exhibited by District Jail, Rs. 50, *sale*, maker Jail labour.

* These chicks, lined with printed calicoes from Kanauj, illustrate an effective house decoration.

Directions for dyeing Wool for Carpets, Agra Central Prison.

1. ***Black*** (*kala*) is boiled in a solution of *harra* (nutgalls) and *kassis* (sulphate of iron), then washed *several times* and dried in the sun.
2. ***White*** (*safaid*) is steeped in ritha or soapnut for 12 hours, then washed next morning and dried in the sun.
3. ***Dark blue*** (*gari abi*) is made by steeping wool for 12 hours in a solution of chuna (*lime*), it is then washed several times in clean water, dried in sun, and boiled in a solution of *murata* (sulphindylic acid), which is prepared with *nil* (indigo) and *tezab* (sulphuric acid); this, when ready, is washed in cold water, then in *phitkiri* (alum) solution, and dried in the sun.
4. ***Blue*** (*abi*) is prepared in the same manner with a lesser quantity of *muraba*.
5. ***Light blue*** (*asmani* or *ferozi*) is prepared in the same way with a lesser quantity of *muraba*.
6. ***Dark green*** (*gari sabz*) is prepared by steeping in lime, washing and drying; when ready it is steeped and pressed in *haldi* (turmeric) for 12 hours; it is then boiled in solution of *muraba* and washed in *phitkiri* (alum.)
7. ***Green*** (*sabz*) is prepared in the same way with a lesser quantity of *haldi* and *muraba* and washed in *phitkiri* (alum.)
8. ***Light green*** (*dhani*) is likewise prepared in the same way with a still smaller proportion of *haldi* and *muraba*, and washed in *phitkiri* (alum).
9. ***Yellow*** (*zardah*) is made by steeping wool in *chuna* (lime), then washing and drying in sun; when clean it is pressed for 12 hours in *haldi* (turmeric); when it has obtained the proper color it is washed in a saturated solution of *phitkiri* (alum) and dried in the sun.
10. ***Dark red*** (*surkh*) is prepared by pressing wool for 12 hours in *ritha*, then washing and drying; when ready it is boiled in a solution of lac and *tazab* (acid) and *rāng* (tiu); it is then cooled, washed several times, and lastly dried.
11. ***Red*** (*gulanar*) is prepared by the same way with weaker solution of lac or *karimdana*.
12. ***Pink*** (*gulabi*) is prepared in the same way with a still weaker solution of dye.
13. ***Orange*** (*basanti*) is prepared by washing the wool in *ritha*, then drying; when ready, it is steeped and pressed in *dhak phul* (the flower of *Butea frondosa*) for three days; then it is washed in a solution of *phitkiri* (alum), and lastly boiled in *lodh*.
14. ***Cream*** (*malai*) is prepared by bleaching the wool thoroughly; when ready, it is steeped in *pili mutti* and pressed for 12 hours; then it is washed several times in boiling milk and exposed to the sun.
15. ***Violet*** (*lakhi* or *kakrezi*) is prepared by steeping wool in *chuna* (lime) for 12 hours, bleaching next day; when ready, it is boiled in a solution of *karimdana* (lac and *tazab*) acid; it is then washed in *phitkiri* and dried.

The above are the principal colors, prepared from indigenous dyes, free from aniline, and in the usual native method.

Cotton *dari*, flowered, 8′×12′, from Allahabad, exhibited by District Jail, Rs. 50, *sale*, maker Jail labour.
Cotton *dari*, small, 4′×7′ each, 2. from Allahabad, exhibited by District Jail, Rs. 10, *sale*, maker Jail labour.
Dari pattern, 2′×1′, from Allahabad, exhibited by District Jail, Rs. 4, *sale*, maker Jail labour.
Pardahs, 5′×6′, 3, from Allahabad, exhibited by District Jail, Rs. 18-12, *sale*, maker Jail labour.
Pardahs, 3′×3′, 3, from Allahabad, exhibited by District Jail, Rs. 5-10, *sale*, maker Jail labour.
Pardahs, 3′×10′, from Allahabad, exhibited by District Jail, Rs. 6-4-4, *sale*, maker Jail labour.
Munj mat, 2×1, from Allahabad, exhibited by District Jail, annas 12, *sale*, maker Jail labour.

CLASS XXXIII.—MARBLE AND ALABASTER.

* 1 large round table with ornamental edges, inlaid, from Agra, exhibited by Agra Municipality, Rs. 600, *sale*.
1 round table, grape leaf, from Agra, exhibited by Sada Sukh Lal, Rs. 800, *sale*.
1 round table, with flowers, from Agra, exhibited by Sada Sukh Lal, Rs. 300, *sale*.
1 table, oblong, from Agra, exhibited by Shaikh Chand, Rs. 150, *sale*.
1 round table, from Agra, exhibited by Nathu Ram, Rs. 118, *sale*.
1 large round table, with grape leaf, from Agra, exhibited by Agra Municipality, Rs. 600, *sale*.
1 writing desk, from Agra, exhibited by Agra Municipality, Rs. 35, *sale*.
1 flower vase, from Agra, exhibited by Agra Municipality, Rs. 225, *sale*.
1 box, parrot pattern, from Agra, exhibited by Agra Municipality Rs. 60, *sale*.
1 box, parrot pattern, from Agra, exhibited by Sada Sukh Lal, Rs. 25, *sale*.
1 box, taj pattern, from Agra, exhibited by Agra Municipality, Rs. 30, *sale*.
1 box, taj pattern, from Agra exhibited by Agra Municipality, Rs. 30, *sale*.
2 boxes, plain with butterfly, from Agra, exhibited by Agra Municipality, Rs. 50, *sale*.
1 box, with a bird on it, from Agra, exhibited by Nathu Ram, Rs. 20, *sale*.
1 box, with 2 butterflies, from Agra, exhibited by Nathu Ram, Rs 25, *sale*.
1 box, with a bird on it, from Agra, exhibited by Nathu Ram, Rs. 20, *sale*.
1 box, with 2 butterflies, from Agra, exhibited by Nathu Ram, Rs. 15, *sale*.
1 box, ornamented edge, from Agra, exhibited by Sewa Ram, Rs. 100, *sale*.
1 box, round, from Agra, exhibited by Sewa Ram, Rs. 40, *sale*.
† 1 box, with butterfly, from Agra, exhibited by Sewa Ram, Rs. 20, *sale*.
1 large box, oval, from Agra, exhibited by Sewa Ram, Rs. 75-9-9, *sale*.
‡ 1 small box, oval, from Agra, exhibited by Sewa Ram, Rs. 20, *sale*.
1 box, oval, from Agra, exhibited by Sewa Ram, Rs. 20, *sale*.

* The manufacture of inlaid marble ware is carried on in the mohullas of Gokalpura, Tajganj, and Partappura, and gives occupation to about 125 men. The materials used are imported from the following places:—

White marble from Makrana in Jodhpur.
Black marble from Bhensrana in Jajpur.
Yellow marble from Jaisalmer (Khutla).
Blood-stone (*litonia*) from the Bombay Presidency.
Cornelian (*akik*) from Cambay.
Lapis-lazuli (*laj wartl*) from Ceylon.
Malachite (*dhani frang*) from Afghanistan.

† Jasper (*katuk*) from Gwalior.

‡ Agate (*ghori*) from Jubulpore.

1 box, oval, from Agra, exhibited by Sewa Ram, Rs. 35, *sale.*
2 boxes, oval, from Agra, exhibited by Sewa Ram, Rs. 40, *sale.*
† 1 box, jasmine, from Agra, exhibited by Sewa Ram, Rs 12, *sale.*
1 box, jasmine, from Agra, exhibited by Sewa Ram, Rs. 10, *sale.*
2 paper-weights, from Agra, exhibited by Agra Municipality, Rs. 15, *sale.*
2 plates, oval, from Agra, exhibited by Agra Municipality, Rs. 100, *sale.*
2 plates, round, from Agra, exhibited by Agra Municipality, Rs. 80, *sale.*
1 plate, from Agra, exhibited by Agra Municipality, Rs. 60, *sale.*
1 butter-plate, from Agra, exhibited by Agra Municipality, Rs. 3, *sale.*
1 chess-plate, from Agra, exhibited by Sada Sukh Lal, Rs. 110, *sale.*
1 round plate, large, from Agra, exhibited by Sada Sukh Lal, Rs. 25, *sale.*
1 round plate, small, from Agra, exhibited by Sada Sukh Lal, Rs. 15, *sale.*
1 round plate, oval parrot pattern, from Agra, exhibited by Sada Sukh Lal, Rs. 28, *sale.*
1 plate, round, from Agra, exhibited by Sadasukh Lal, Rs. 5, *sale.*
1 plate, round, from Agra, exhibited by Shaik Chand, Rs. 25, *sale.*
1 chess-plate, from Agra, exhibited by Nathu Ram, Rs. 100, *sale.*
1 chess-plate, from Agra, exhibited by Nathu Ram, Rs. 125, *sale.*
1 round plate with parrots, from Agra, exhibited by Nathu Ram, Rs. 48, *sale.*
1 plate with ornamental edge, from Agra, exhibited by Nathu Ram, Rs. 55, *sale.*
1 plate with parrots, from Agra, exhibited by Nathu Ram, Rs. 40, *sale.*
2 plates with ornamental edge, from Agra, exhibited by Nathu Ram, Rs. 50, *sale.*
1 plate with ornamental edge, from Agra, exhibited by Nathu Ram, Rs. 20, *sale.*
1 plate with ornamental edge, from Agra, exhibited by Nathu Ram, Rs. 16, *sale.*
1 round marble plate, from Agra, exhibited by Sewa Ram, Rs. 600, *sale.*
1 butter-pot, from Agra, exhibited by Sewa Ram, Rs. 50, *sale.*
1 chess-plate, from Agra, exhibited by Sewa Ram, Rs. 200, *sale.*
1 round plate, from Agra, exhibited by Sewa Ram, Rs. 50, *sale.*
1 round plate, from Agra, exhibited by Sewa Ram, Rs. 40, *sale.*
1 round plate, with 2 parrots, from Agra, exhibited by Sewa Ram, Rs. 40, *sale.*
1 round plate, from Agra, exhibited by Sewa Ram, Rs. 30, *sale.*
3 round plate, from Agra, exhibited by Sewa Ram, Rs. 60, *sale.*
1 plate, small, from Agra, exhibited by Sewa Ram, Rs. 10, *sale.*
1 plate with ornamental edge, from Agra, exhibited by Sewa Ram, Rs. 70, *sale.*
1 plate with ornamental edge, from Agra, exhibited by Sewa Ram, Rs. 60, *sale.*
2 plates with ornamental edge, small, from Agra, exhibited by Sewa Ram, Rs. 60, *sale.*
1 plate with ornamental edge, small, from Agra, exhibited by Sewa Ram, Rs 15 *sale.*
4 paper knives, from Agra, exhibited by Agra Municipality, Rs. 16, *sale.*
1 inkstand, from Agra, exhibited by Nathu Ram, Rs. 150, *sale.*
1 inkstand, oval, from Agra, exhibited by Sewa Ram, Rs. 125, *sale.*
1 inkstand, oblong, from Agra, exhibited by Sewa Ram, Rs 200, *sale.*
1 box with grape leaf and ornamental edge, from Agra, exhibited by Agra Municipality, Rs. 50, *sale.*
3 paper-weights, oval, from Agra, exhibited by Nathu Ram, Rs. 15, *sale.*
1 paper-weight, from Agra, exhibited by Nathu Ram, Rs. 3, *sale.*
1 paper-weight, from Agra, exhibited by Nathu Ram, Rs. 4, *sale.*
2 paper-weights, from Agra, exhibited by Sewa Ram, Rs. 40, *sale.*
1 *atish-khana*, from Agra, exhibited by Sewa Ram, Rs. 800, *sale.*
1 model Taj, from Agra, exhibited by Sewa Ram, Rs. 400, *sale.*
1 model alabaster, from Agra, exhibited by Shunker Lal, Rs. 175, *sale.*

* Porphyry (*samak* from Cabul.

† The manufactured articles are sold at Agra in retail, and the average profit is about 20 per cent. The wages of the workmen are from 8 to 12 annas per day. Both Hindus and Mahomedans are employed in the work. The trade dates from the reign of Akbar, and is on the increase.

CLASS XXXIV.—BRONZES, ORNAMENTAL WORK IN GOLD, SILVER, AND OTHER METALS.

Brass lamps, 2, from Gorakhpur, exhibited by Municipal Committee, Rs. 16, *sale*, maker Sukh Ram.
Brass candelabrum with 12 branches for oil burners, 2, from Gorakhpur, exhibited by Municipal Committee, Rs. 50, *sale*, maker Lalman.
Scent phial of silver, 2, from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 5-4, *purchased*, maker Batu Sonar of Mandha, district Hamírpur.
Silver fish (small), from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 2-14, *purchased*, maker Mehndi Sonar.
Silver fish (small), from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 2-14, *purchased*, maker Mehndi Sonar.
Silver fish (small), from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 4, *purchased*, maker Masua Sonar.
Image of Vishnu (*ashtdhat*), from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 2, *purchased*, maker Bhagwan Das Sonar of Srinagar.
Image of Krishna, from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 16, *purchased*, maker Brindaban Sonar of Srinagar
Stand for Krishna, from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 2-8, *purchased*, maker Brindaban Sonar of Srinagar.
Image of Rada with *kamal* and *charanchauki*, from Hamírpur, exhibited by Government N.-W. P. and Oudh, Rs. 2-10, *purchased*, maker Nanhey Bharia of Srinagar.
Image of Ramchandra, from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 4-12, *purchased*, maker Kishan Sonar of Srinagar.
Image of Sita, from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 5, *purchased*, maker Kishan Sonar of Srinagar.
Image of Balmukand (Krishna), from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Re. 0-13, *purchased*, Kishan Sonar of Srinagar.
Image of Balmukand (ash dhat), from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Rs. 4-12, *purchased*, maker Ganga Charia of Srinagar.
Image of Balmukand (brass), from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Re. 3-8, *purchased*, maker Hira Lal of Srinagar.
Bell, from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Re. 0-4-6, *purchased*, maker Nanhey Bharia of Srinagar.
Incense-burner, from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Re. 0-3, *purchased*, maker Nanhey Bharia of Srinagar.
Atar-holder, from Jhansi, exhibited by District Committee, Rs. 43-6-3, *purchased*, maker Parmoby Panigar, Jhansi.
A gold and silver-gilt betel case with net-work, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 40 *purchased*, maker Yakub Ali Khan.
* A gold and silver-gilt hukka with network, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 30, *purchased*, maker Yakub Ali Khan.
Betel case, gilt with gold, with 2 keys, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, *loan* Yakub Khan, in the service of the Nawáb.
Hukka with (*ghungru*) bells, bidri, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, *loan.*
† *Hukka* with stand, bidri, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, *loan.*
Betel case of silver, with plate, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, *loan.*

* The net-work can be taken off by unscrewing.

† Bidri work made at Lucknow.

* Flower vase, silver gilt, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 8, *sale*, Nand Ram, Rámpur.
* Betel case, silver gilt, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 20, *loan*, Nand Ram, Rámpur.
* Atar holder, silver gilt, from Rámpur State, exhibited by His Highness the Nawáb of Rampur, Rs. 3, *sale*, Nand Ram, Rámpur.
Silver cup, from Saháranpur, Sirdar Tija Singh, Inspector of Police, Saháranpur, *loan*, maker not known.
Silver fish, Saháranpur, exhibited by Babu Nand Lal, Revenue Superintendent, Collector's office, *loan*, maker not known.
Silver rose, from Saháranpur, exhibited by Babu Nand Lal, Revenue Superintendent, Collector's office, *loan*, Rama Nand, son of Makhan goldsmith of Deoband.
† Silver fish, from Saháranpur, exhibited by Municipal Committee, Deoband, Rs. 15, *loan*.
† Silver bed, from Benares, exhibited by Goshain Bihari, Puri, *loan*.
† Tent with ante-chamber, with four silver props, from Benares, exhibited by Sakhi Binayak, Benares, *loan*.
‡ Swing with bells, from Benares, exhibited by Municipal Committee, Rs. 50-8, *sale*.
Image of Gangaji on a crocodile, from Benares, exhibited by Makundi, Re. 1-8, *sale*.
Image of Annapurna, from Benares, exhibited by Makundi, annas 12, *sale*.
A horse on wheels, from Benares, exhibited by Makundi, Re. 1-4, *sale*.
Ditto of Vishnu with arms bearing a shank, chakra, gada and kamal, from Benares, exhibited by Bachu and Makundi, Rs. 4, *sale*.
A brass box with three partitions, and keys attached to each, from Benares, exhibited by Bachu, Rs. 14-12, *sale*.
A round box with key, used for keeping ornaments, from Benares, exhibited by Bachu, Re. 1-8-9, *sale*.
Pándán, from Benares, exhibited by Bachu, Rs. 3-11, *sale*.
Pancha ghanta, five bells in one handle, used for worship, from Benares, exhibited by Bachu, Rs. 5-4, *sale*.
Arti (large lamp for 71 lights), from Benares, exhibited by Bachu, Rs. 21, *sale*.
Two oxen with *kamal* (lotus), with a water-vessel overhead, from Benares, exhibited by Kashinath and Bachu, Rs. 10, *sale*.
Brass elephant, from Benares, exhibited by Bachu, Re. 1-12, *sale*.
Brass horse, from Benares, exhibited by Bachu, Re. 1-6, *sale*.
Brass censer with five lights, from Benares, exhibited by Ram Charn, annas 12, *sale*.
An octagonal perforated box to keep ornaments, from Benares, exhibited by Jainarain, Rs. 2, *sale*.
A small box with notches, from Benares, exhibited by Husnu Kasíra, Re. 1-10, *sale*.
Gauraiya (Indian pipe), from Benares, exhibited by Husnu Kasíra, Rs. 10, *sale*.
A box with key (perforated), from Benares, exhibited by Sital Parshad and Matadín, Rs. 12-4, *sale*.
Chauki, from Benares, exhibited by Bani Pershad and Matadín, Rs. 4, *sale*.
4 legs for a bedstead, from Benares, exhibited by Beni Pershad and Matadín, Rs. 6-4, *sale*.
A throne (*singhasan*), from Benares, exhibited by Bani Pershad and Matadín, Rs. 54-8, *sale*.
A kind of basket used for carrying rice, flower, chandan, &c., required in worshipping, from Benares, exhibited by Kashinath, Re. 1-5, *sale*.

* These articles have been paid for by Government.
† Intended for a small image of Krishna.
‡ Benares is the seat of the most important brass industry in the Provinces, engrossing alone with towns in its vicinity seven-tenths of the total amount of materials—copper, tin and zinc, imported. There are eight firms, which employ 52 workmen on the engraved brass alone, and the trade appears to be steadily increasing.

Argah ganga-jamuni, a kind of spoon used for sprinkling water on the idols, made half of brass and half of copper, from Benares, exhibited by Chhotu, Re. 1, *sale*.
A *pándán*, the lid of which represents a woman's face, from Benares, exhibited by Chhotu, Rs. 2, *sale*.
A brass pen-case with key, from Benares, exhibited by Chhotu, Re. 1-12, *sale*.
A peacock, from Benares, exhibited by Chhotu, Rs. 4, *sale*.
A swing with 4 seats, from Benares, exhibited by Chhotu, Rs. 8, *sale*.
A swing with 1 seat, from Benares, exhibited by Chhotu, Rs. 3, *sale*.
Mythological figure, from Benares, exhibited by Chhotu, Rs. 2-8, *sale*.
A little box with perforated lid, from Benares, exhibited by Mukundi, As. 8, *sale*.
Censer (*arti*), from Benares, exhibited by Mokundi, As. 8, *sale*.
Six straight flower vases, from Benares, exhibited by Baldeo Das, Rs. 7-8, *sale*.
Six small flower vases, from Benares, exhibited by Baldeo Das, Rs. 3, *sale*.
A pair of tripedal salvers, from Benares, exhibited by Baldeo Das, Rs. 7, *sale*.
Four brass serpents, from Benares, exhibited by Baldeo Das, Rs. 6, *sale*.
A pair of round shields with rings behind, raised work (lions), from Benares, exhibited by Baldeo Das, Rs. 37-4, *sale*.
A pair of round shields with rings behind, raised work (stags), from Benares, exhibited by Baldeo Das, Rs. 25-4, *sale*.
A pair of vases, large, urn-shaped, perforated stand, from Benares, exhibited by Sital Parshad and Matadín, Rs. 80, *sale*.
Single vase, urn-shaped, detached stand, from Benares, exhibited by Sital Parshad and Matadín, Rs. 37, *sale*.
Pair of vases urn-shaped, tripedal stand, from Benares, exhibited by Sital Parshad and Matadín, Rs. 32, *sale*.
Pair of vases, urn-shaped, tripedal handles, representing fairies, from Benares, exhibited by Sital Parshad and Matadín, Rs. 32-4, *sale*.
Pair of vases, urn-shaped, handles representing elephant's head and trunk, from Benares, exhibited by Sital Parshad and Matadín, Rs. 30-4, *sale*.
Pair of vases, urnshaped, perforated, with stand and lid, from Benares, exhibited by Sital Parshad and Matadín, Rs. 30-4, *sale*.
Pair of chaliced vases with handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 14, *sale*.
Pair of vases, chalice shaped, without handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 11, *sale*.
Pair of vases without handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 13, *sale*.
Pair of vases with handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 15, *sale*.
Pair of flower vases, urn-shaped, plain, from Benares, exhibited by Sital Parshad and Matadín, Rs. 16, *sale*.
Pair of flower vases, with handles, plain, from Benares, exhibited by Sital Parhad and Matadín, Rs. 17, *sale*.
Pair of flower vases, urn-shaped, with serpentine handles, from Benares, exhibited by Sital Parshad and Matadin, Rs. 13, *sale*.
Pair of *surahis*, 10 incarnations, from Benares, exhibited by Sital Parshad and Matadín, Rs. 16, *sale*.
Pair of pear-shaped vases, with elephant's head and trunk handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 16, *sale*.
Pair of biscuit boxes, tripedal, from Benares, exhibited by Sital Parshad and Matadín, Rs. 10, *sale*.
A large bell, 10 incarnations, from Benares, exhibited by Sital Parshad and Matadín, Rs. 8, *sale*.
A small bell, from Benares, exhibited by Sital Parshad and Matadín, Rs. 3, *sale*.
A small bell, from Benares, exhibited by Sital Parshad and Metadín, Rs. 2, *do*.
Pair of round platters (*thalis*), with raised work (lions), from Benares, exhibited by Sital Parshad and Matadin, Rs. 40-4, *sale*.
Two flower pots, from Benares, exhibited by Sital Parshad and Matadín, Rs. 16 *sale*.

Pair of flower vases, with handles, indented rim, from Benares, exhibited by Sital Parshad and Matadín, Rs. 13, *sale.*
Pair of jugs, with serpentine handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 12, *sale.*
Pair of vases, pear shaped, with handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 14, *sale.*
Pair of vases, chalice shaped, without handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 10, *sale.*
Pair of vases, chalice-shaped, with handles, from Benares, exhibited by Sital Parshad and Matadín, Rs. 12, *sale.*
Four large plates, diamond work, perforated border, from Benares, exhibited by Sital Parshad and Matadín, Rs. 10, *sale.*
Eight smaller plates, diamond work, perforated border, from Benares, exhibited by Sital Parshad and Matadín, Rs. 16, *sale.*
A pair of jugs, from Benares, exhibited by Baldeo Das, Rs. 65, *sale.*
A pair of spittoons, from Benares, exhibited by Baldeo Das, Rs. 45, *sale.*
Large bread-plate (*rotidan*), from Benares, exhibited by Baldeo Das, Rs. 20, *sale.*
A pair of small *rotidans*, from Benares, exhibited by Baldeo Das, Rs. 24-12, *sale.*
A large round plate, engraved with representations of 10 incarnations of Vishnu, from Benares, exhibited by Baldeo Das, Rs. 10, *sale.*
A pair of octagonal platters, from Benares, exhibited by Baldeo Das, Rs. 22-12, *sale.*
A pair of round platters, representing 10 incarnations of Vishnu, from Benares, exhibited by Baldeo Das, Rs. 8-8, *sale.*
A pair of water-jugs with spouts, from Benares, exhibited by Baldeo Das, Rs. 14, *sale.*
A teapot, from Benares, exhibited by Baldeo Das, Rs. 8, *sale.*
Lota, from Benares, exhibited by Baldeo Das, Rs. 7-4, *sale.*
Kujas, with work resembling little parrots' heads, from Benares, exhibited by Baldeo Das, Rs. 19-8, *sale.*
A pair of round jars with 10 incarnations, from Benares, exhibited by Baldeo Das, Rs. 20, *sale.*
A pair of *surahis*, from Benares, exhibited by Baldeo Das, Rs. 12, *sale.*
A pair of candlesticks, with 2-armed figures representing fairies, from Benares, exhibited by Baldeo Das, Rs, 38-12, *sale.*
A pair of open basins, with 2 stands, from Benares, exhibited by Baldeo Das, Rs. 13, *sale.*
Spittoon, from Benares, exhibited by Baldeo Das, Rs. 7-4, *sale.*
Large tray with handle, from Benares, exhibited by Baldeo Das, Rs. 11, *sale.*
Large tray with handle, from Benares, exhibited by Baldeo Das, Rs. 7-4, *sale.*
Two pairs of fruit plates (tripedal), from Benares, exhibited by Baldeo Das, Rs. 13, *sale.*
A large fender, from Benares, exhibited by Baldeo Das, Rs. 52-8, *sale.*
Fender, plain centre, with 10 incarnations, from Benares, exhibited by Baldeo Das, Rs. 40-4, *sale.*
A pair of dishes for sweetmeats, with lid and stand from Benares, exhibited by Baldeo Das, Rs. 26-4, *sale.*
A pair of octagonal boxes with feet, from Benares, exhibited by Baldeo Das, Rs. 26-4, *sale.*
A pair of vases, pear shaped, with handles, from Benares, exhibited by Baldeo Das, Rs. 10-8, *sale.*
A pair of milk jugs with handles, from Benares, exhibited by Baldeo Das, Rs. 9, *sale.*
A pair of *abkhoras*, pear-shaped, covered, from Benares, exhibited by Baldeo Das, Rs. 10-8, *sale.*
A pair of urn-shaped vessels with lids, from Benares, exhibited by Baldeo Das, Rs. 6-8, *sale.*
A pair of urn-shaped vessels with lids, small, from Benares, exhibited by Baldeo Das, Rs. 5-8, *sale.*
A pair of flower vases, chalice-shaped, with leaves, from Benares, exhibited by Baldeo Das, Rs. 11, *sale.*

A pair of flower vases, chalice-shaped, without leaves, but with lids, from Benares, exhibited by Baldeo Das, Rs. 9, *sale.*
Four smaller flower vases with lids and leaves, from Benares, exhibited by Baldeo, Das, Rs. 10, *sale.*
Four smaller flower vases, egg-cup shaped, plain, with lids, from Benares, exhibited by Baldeo Das, Rs. 5, *sale.*
Brass temple, 7½ feet high, Benares, type, from Benares exhibited by Government, N.-W. P. and Oudh, Rs. 600, *sale.*

Moradabad metal ware.

* Silver pipe, ornamented with gold work, from Moradabad, exhibited by Raja Kishen Kuar, *loan*, maker Ali Bakhsh.
Silver *atardan*, from Moradabad, exhibited by Raja Kishen Kuar, *loan*, maker Ali Bakhsh.
Paper boxes, from Moradabad, exhibited by Hisam-ud-din, Rs. 80 to Rs. 100, *sale*, maker same as exhibitor.
Trays, from Moradabad, exhibited by Hisam-ud-din, Rs. 6 to Rs. 25, *sale*, maker same as exhibitor.
Flower-pots, from Moradabad, exhibited by Hisam-ud-din, Rs. 6 to Rs. 15, *sale*, maker same as exhibitor.
Vases, large, from Moradabad, exhibited by Hisam-ud-din, Rs. 20 each, *sale*, maker same as exhibitor.
Vases, small, from Mordabad, exhibited by Hisam-ud-din, Rs. 2 to Rs. 4, *sale*, maker same as exhibitor.
Ewers, from Moradabad, exhibited by Hisam-ud-din, Rs. 7 to Rs. 8, *sale*, maker same as exhibitor.
Round boxes, from Moradabad, exhibited by Hisam-ud-din, Rs. 2-8 to Rs. 5-8, *sale*, maker same as exhibitor.
Biscuit boxes, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Re. 1-8 to Rs. 13, *sale*, maker same as exhibitor.
Mugs, small, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Re. 1-8 to Rs. 30, *sale*, maker same as exhibitor.
Jugs, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 12 to Rs. 30, *sale*, maker same as exhibitor.
Jugs, large, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 4 to Rs. 10, *sale*, maker same as exhibitor.
Jugs, small, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 1-8 to Rs. 4-8, *sale*, maker same as exhibitor.
Vases, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 1-8 to Rs. 10, *sale*, maker same as exhibitor.
Flower-pots, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 4 to Rs. 12, *sale*, maker same as exhibitor.
Goblets, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 4 to Rs. 12, *sale*, maker same as exhibitor.
Tumblers, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 1 to Rs. 7, *sale*, maker same as exhibitor.
Water-vessels (*badna*), from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 1 to Rs. 4, *sale*, maker same as exhibitor.
Jars (*martbans*), from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 4 to Rs. 6, *sale*, maker same as exhibitor.
Khasdans (betel case), from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 6 to Rs 10, *sale*, maker same as exhibitor.
Gilauridans (betel case), from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 6 to Rs. 12, *sale*, maker same as exhibitor.

* The trade in the engraved metal ware of Moradabad has received a great impetus of late years, and seems to be daily increasing in demand. It employs over 1,500 workmen, and the annual outturn is estimated at three lakhs of rupees. Brass is turned over and the pattern engraved through the tin so as to expose the brass, or the lines so cut are filled up with black lacquer. As the above list indicates, the varieties of pattern and shape are endless.

Shot flasks, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 4 each, *sale*, maker same as exhibitor.

24 *Gurguris*, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 2-4 to Rs. 6, *sale*, maker same as exhibitor.

Spittoons, from Moradabad, exhibited by Mohammed Yar Khan, Bazarganj Kalan, Rs. 2 to Rs. 6, *sale*, maker same as exhibitor.

Soap-boxes, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 6 to Rs. 8, *sale*, maker same as exhibitor.

Cigar-cases, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 9 to Rs. 10, *sale*, maker same as exhibitor.

Match-boxes, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 2-8 to Rs. 4, *sale*, maker same as exhibitor.

Snuff-box, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 6, *sale*, maker same as exhibitor.

Wineglasses, large, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 2 to 4-8, *sale*, maker same as exhibitor.

Wineglasses, small, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Re. 1-8 each, *sale*, maker same as exhibitor.

Ash-trays, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 2 to 3, *sale*, maker same as exhibitor.

Sugar bowl with dish, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 11, *sale*, maker same as exhibitor.

Sugar bowl without dish, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan Rs. 6, *sale*, maker same as exhibitor.

Small caldron, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 3, *sale*, maker same as exhibitor.

Jar, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 10 *sale*, maker same as exhibitor.

Cups and saucers, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 6 to 10, *sale*, maker same as exhibitor.

Jugs, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 3 to 7, *sale*, maker same as exhibitor.

Salt cellars, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 2-8 to 3-8, *sale*, maker same as exhibitor.

Teapots, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 8 each, *sale*, maker same as exhibitor.

Sugar-bowl, from Moradabad, exhibited by Mahommad Yar Khan, Bazarganj Kalan, Rs, 6, *sale*, maker same as exhibitor.

Butter dish, from Moradabad, exhibited by Mahommad Yar Khan, Bazarganj Kalan, Rs. 4, *sale*, maker same as exhibitor.

Tumblers with dish, from Moradabad, exhibited by Mahommad Yar Khan, Bazarganj Kalan, Rs. 8, *sale*, maker same as exhibitor.

Covers (*sarposh*), from Moradabad, exhibited by Mahommad Yar Khan, Bazarganj Kalan, Rs. 6 to 8, *sale*, maker same as exhibitor.

Bowls, from Moradabad, exhibited by Mahommad Yar Khan, Bazarganj Kalan, Re. 1-8 to 6-8, *sale*, maker same as exhibitor.

Finger-bowls (large), from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 2-8 to 5, *sale*, maker same as exhibitor.

Finger-bowls (small), from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Re. 1-4 to Re. 1-8, *sale*, maker same as exhibitor.

Fruit dishes, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 8 each, *sale*, maker same as exhibitor.

Table spoons, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Re. 1-8 each, *sale*, maker same as exhibitor.

Inkstand, from Moradabad, exhibited by Mohammad Yar Khan, Bazarganj Kalan, Rs. 2, *sale*, maker same as exhibitor.

Platters, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 7 to 8, *sale*, maker same as exhibitor.

Shields, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 10-6 each, *sale*, maker same as exhibitor.

Flower-pots, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 4-8 to Rs. 12, *sale*, maker same as exhibitor.

Vases, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 2 to Rs. 4, *sale* maker same as exhibitor.

Ticket-bowls, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 8 each, *sale*, maker same as exhibitor.

Round case, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 20, *sale*, maker same as exhibitor.

Jars, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 6, *sale*, maker same as exhibitor.

Sugar-bowls, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 6 each, *sale*, maker same as exhibitor,

Handkerchief cases, from Moradabad, exhibited by Nizam-ud-din, Naya basti, annas 14 to Re. 1, *sale*, maker same as exhibitor.

Tumblers, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Re. 1 to Re. 1-4, *sale*, maker same as exhibitor.

Cups, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Re. 1 to Rs. 3, *sale*, maker same as exhibitor,

Ewers, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 6 to Rs. 9, *sale*, maker same as exhibitor.

Powder-boxes, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 2 to Rs. 3-8, *sale*, maker same as exhibitor.

Cigar box, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 4, *sale*, maker same as exhibitor.

Tumblers, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 2, *sale*, maker same as exhibitor.

Salt-cellars, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 5 each, *sale*, maker same as exhibitor.

Match-box, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 5 each, *sale*, maker same as exhibitor.

Platters from Moradabad exhibited by Nizam-ud-din, Naya basti, Re. 1-4 to Rs. 14, *sale*, maker same as exhibitor.

Tray for pens and inkstand, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 8, *sale*, maker same as exhibitor.

Dishes, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 10 to Rs. 15, *sale*, maker same as exhibitor.

Round dish, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 14-0-6, *sale*, maker same as exhibitor.

Dishes, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Re. 1 to Rs. 14, *sale*, maker same as exhibitor.

Ticket-bowls, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 8 to Rs. 12, *sale*, maker same as exhibitor.

Flower-pots, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 12 to Rs. 15, *sale*, maker same as exhibitor.

Jug with 3 vessels (aftabas), from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 80, *sale*, maker same as exhibitor.

Powder-box, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 2 each, *sale*, maker same as exhibitor.

Vases, from Moradabad exhibited by Nizam-ud-din, Naya basti, Rs. 4, *sale*, maker same as exhibitor.

Tumblers, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 2 to Rs. 3, *sale*, maker same as exhibitor.

Cups, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 2 to Rs. 3, *sale*, maker same as exhibitor.

Powder-boxes, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 3 to Rs. 3-8, *sale*, maker same as exhibitor.

Mug, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 3-8, *sale*, maker same as exhibitor.

Tobacco-jars, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 4 to Rs. 5, *sale*, maker same as exhibitor.

Paper-knives, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Re. 1-8, each, *sale*, maker same as exhibitor.
Ewers, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 4 to Rs. 9, *sale*, maker same as exhibitor.
Biscuit-box, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 10, *sale*, maker same as exhibitor.
Cigar-cases, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Rs. 5 to Rs 6, *sale*, maker same as exhibitor.
Handkerchief cases, from Moradabad, exhibited by Nizam-ud-din, Naya basti, Re. 0-14, each, *sale*, maker same as exhibitor.
Trays, from Moradabad, exhibited by Joti Parshad, Rs. 4 to Rs. 60, *sale*, maker same as exhibitor.
Shields, from Moradabad, exhibited by Joti Parshad, Rs. 15 each, *sale*, maker same as exhibitor.
Flower-pots, from Moradabad, exhibited by Joti Parshad, Rs. 5 to 8, *sale*, maker same as exhibitor.
Tea-caddies, from Moradabad, exhibited by Joti Parshad, Rs. 15 each, *sale*, maker same as exhibitor.
Ewers, from Moradabad, exhibited by Joti Parshad, Rs. 5 to Rs. 10, *sale*, maker same as exhibitor.
Vases, from Moradabad, exhibited by Joti Parshad, Rs. 3-8 to Rs. 10, *sale*, maker same as exhibitor.
Biscuit-boxes, from Moradabad, exhibited by Joti Parshad, Rs. 5 each, *sale*, maker same as exhibitor.
Cups and saucers, from Moradabad, exhibited by Joti Parshad, Rs. 4 each, *sale*, maker same as exhibitor.
Saucers, from Moradabad, exhibited by Joti Parshad, Re. 1 each, *sale*, maker same as exhibitor.
Wine glasses, Moradabad, exhibited by Joti Parshad, Rs. 3 each, *sale*, maker same as exhibitor.
Mugs, from Moradabad, exhibited by Joti Parshad, Rs. 4 each, *sale*, maker same as exhibitor.
Butter-dishes, from Moradabad, exhibited by Joti Parshad, Rs. 5 each, *sale*, maker same as exhibitor.
Powder-boxes, from Moradabad, exhibited by Joti Parshad, Rs. 2-8 each, *sale*, maker same as exhibitor
Jars, from Moradabad, exhibited by Joti Parshad, Rs. 4 each, *sale*, maker same as exhibitor.
Vases, from Moradabad, exhibited, by Joti Parshad, Re. 1-8 each, *sale*, maker same as exhibitor.
Small caldrons, from Moradabad, exhibited by Joti Parshad, Re. 1-6 each, *sale*, maker same as exhibitor.
Tumblers, from Moradabad, exhibited by Joti Parshad, Rs. 3 each, *sale*, maker same as exhibitor.
Finger-bowls, from Moradabad, exhibited by Joti Parshad, Re. 1-12 to Rs. 3-4, *sale*, maker same as exhibitor.
Chair, from Moradabad, exhibited by Joti Parshad, Rs. 225, *sale*, maker same as exhibitor.
Fountain or jet, from Moradabad, exhibited by Joti Parshad, Rs. 100, *sale*, maker same as exhibitor.
Samovar, from Moradabad, exhibited by Joti Parshad, Rs. 40, *sale*, maker same as exhibitor.
Washing-bowl, from Moradabad, exhibited by Joti Parshad, Rs. 30 each, *sale*, maker same as exhibitor.
Shields, from Moradabad, exhibited by Joti Parshad, Rs. 6, each, *sale*, maker same as exhibitor.
Office-box, from Moradabad, exhibited by Joti Parshad, Rs. 40, *sale*, maker same as exhibitor.
Vases, from Moradabad, exhibited by Joti Parshad, Rs. 2 to Rs. 16, *sale*, maker same as exhibitor.

Samovars, from Moradabad, exhibited by Joti Parshad, Rs. 20 each, *sale*, maker same as exhibitor.
Jars, from Moradabad, exhibited by Joti Parshad, Rs. 5 to Re. 10, *sale*, maker same as exhibitor.
Milk-jugs, from Moradabad, exhibited by Joti Parshad, Rs. 12 each, *sale*, maker same as exhibitor.
Handles (*chaurki*), from Moradabad, exhibited by Joti Parshad, Rs. 2-8 each, *sale*, maker same as exhibitor.
Handle of sword, from Moradabad, exhibited by Joti Parshad, Rs. 2-8 each, *sale*, maker same as exhibitor.
Spittoons, from Moradabad, exhibited by Joti Parshad, Rs. 2-8 each, *sale*, same as exhibitor.
Table candlesticks (*battidan*), from Moradabad, exhibited by Joti Parshad, Rs. 2-8 each, *sale*, maker same as exhibitor.
Candlesticks (*shamadan*), from Moradabad, exhibited by Joti Parshad, Rs. 2-8 each, *sale*, maker same as exhibitor.
Travelling candlestick, from Moradabad, exhibited by Joti Parshad, Rs. 2-8, *sale*, maker same as exhibitor.
Tumbler, from Moradabad, exhibited by Joti Parshad, Rs. 2-8, *sale*, maker same as exhibitor.
Cups and saucers, from Moradabad, exhibited by Joti Parshad, Rs 2-8, *sale*, maker same as exhibitor.
Saucers, from Moradabad, exhibited by Joti Parshad, Re. 0-12 each, *sale*, maker same as exhibitor.
Cigar-cases, from Moradabad exhibited by Joti Parshad, Rs. 2-8 each, *sale*, maker same as exhibitor.
Match-box, from Moradabad, exhibited by Joti Parshad, Re. 1-8, *sale*, maker same as exhibitor.
Round boxes, from Moradabad, exhibited by Joti Parshad, Rs. 2 each, *sale*, maker same as exhibitor.
Tray with 3 inkstands, from Moradabad, exhibited by Joti Parshad, Rs. 10, *sale*, maker same as exhibitor.
Inkstand, from Moradabad, exhibited by Joti Parshad, Rs. 3, *sale*, maker same as exhibitor.
Cap mould (*kalib*), from Moradabad, exhibited by Joti Parshad, Rs. 3, *sale*, maker same as exhibitor.
Round boxes, from Moradabad, exhibited by Joti Parshad, Rs. 2 to 3, *sale*, maker same as exhibitor.
Bells, from Moradabad, exhibited by Joti Parshad, Re. 1-8 each, *sale*, maker same as exhibitor.
Dishes, from Moradabad, exhibited by Nizam-ud-din, Rs. 24 to Rs. 28, *sale*, maker same as exhibitor.
Salvers, from Moradabad, exhibited by Nizam-ud-din, Rs. 24 to 28, *sale*, maker same as exhibitor.
Dishes (*kishti*), from Moradabad, exhibited by Nizam-ud-din, Rs. 4 to Rs. 10, *sale*, maker same as exhibitor.
Dish (*thali*), from Moradabad, exhibited by Nizam-ud-din, Rs. 6, *sale*, maker same as exhibitor.
Dishes (*thali*,) from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 6 to Rs. 24, *sale*, maker same as exhibitor.
Tumblers (*ghanti*), from Moradabad, exhibited by Sahu Kisho, Saran, Re. 1-8 to Rs. 4, *sale*, maker same as exhibitor.
Samovars with cover, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 2-8 each, *sale*, maker same as exhibitor,
Ash-holders, from Moradabad, exhibited by Sahu Kisho, Saran, Re. 1-8 each, *sale*, maker same as exhibitor.
Vases, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 2 to Rs. 10, *sale*, maker same as exhibitor.
Biscuit boxes, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 8, *sale*, maker same as exhibitor.

Teapot, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 7 each, *sale*, maker same as exhibitor.
Sugar-bowls, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 6 to Rs. 8, *sale*, maker same as exhibitor.
Sauce-bowls, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 6 each, *sale*, maker same as exhibitor.
Ewers, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 3 to 6, *sale*, maker same as exhibitor.
Ewers of Benares, pattern, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 13 each, *sale*, maker same as exhibitor.
Goglets (*surahi*), from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 10 to Rs. 13, *sale*, same as exhibitor.
Small boxes, (*dibia*) from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 3-8 to Rs. 4, *sale*, maker same as exhibitor.
Soap-box, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 6, *sale*, maker same as exhibitor.
Wine tumblers with cover, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 6 to Rs. 7, *sale*, maker same as exhibitor.
Wine tumblers, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 5 each, *sale*, maker same as exhibitor.
Tumblers, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 5 each, *sale*, maker same as exhibitor.
Scent-boxes (atardan), from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 10 to Rs. 12, *sale*, maker same as exhibitor.
Cups, from Moradabad exhibited by Sahu Kisho, Saran, Rs. 8 each, *sale*, maker same as exhibitor.
Cup with a dish, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 4, *sale*, maker same as exhibitor.
Dishes, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 2 to 4, *sale*, maker same as exhibitor.
Mug with cover, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 5, *sale*, maker same as exhibitor.
Shields, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 20 to Rs. 25 *sale*, maker same as exhibitor.
Jugs, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 20 to Rs. 23, *sale*, maker same as exhibitor,
Tobacco jar, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 6, *sale*, maker same as exhibitor.
Flower-pots, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 7 to Rs, 30, *sale*, maker same as exhibitor.
Cups, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 2 to Rs. 4, *sale*, maker same as exhibitor.
Candle-holders, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 4-8 to Rs. 5, *sale*, maker same as exhibitor.
Match-boxes, from Moradabad, exhibited by Sahu Kisho, Saran, Rs 2-8 to Rs. 4, *sale*, maker same as exhibitor.
Betel-cases, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 4 to Rs. 8, *sale*, maker same as exhibitor.
Inkstand from Moradabad exhibited by Sahu Kisho, Saran, Rs. 8, *sale*, maker same as exhibitor.
Salt-bowl, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 2-8, *sale*, maker same as exhibitor.
Cigar-cases, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 4 each, *sale*, maker same as exhibitor.
Paper-boxes, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 12 to 35, *sale*, maker same as exhibitor.
Looking-glasses, from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 7 to Rs. 12, *sale*, maker same as exhibitor.
Mugs (*dolchi*), from Moradabad, exhibited by Sahu Kisho, Saran, Rs. 10 each, *sale*, maker same as exhibitor.

Tea-pots, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 15 each, *sale*, maker same as exhibitor.
Vases, from Moradabad, exhibited by Sahu Kesho, Saran, Rs, 7 each, *sale*, maker same as exhibitor.
Cigar-cases, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 6 each, *sale*, maker same as exhibitor.
Dishes, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 15 to 20, *sale*, maker Jamal-ud-din.
A pair of *mugdars* (dumb-bells), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 35, *sale*, maker Jamal-ud-din.
Chamar handle, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 2-8, *sale*, maker Jamal-ud-din.
Betel-holder, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 12, *sale*, maker Jamal-ud-din.
Vessel for washing hands (*salabchi*), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 9, *sale*, maker Jamal-ud-din.
Jug, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 7, *sale*, maker Jamal-ud-din.
Brass box, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 10, *sale*, maker Jamal-ud-din.
Dish, from Moradabad exhibited by Sahu Kesho, Saran, Rs. 6. *sale*, maker Jamal-ud-din.
Pipes (*hukka*), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 35 to Rs. 40, *sale* maker Jamal-ud-din.
Jug (*ghonga*), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 10, *sale*, maker Jamal-ud-din.
Betel-box, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 3, *sale*, maker Jamal-ud-din.
Bottles, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 2-8 each, *sale*, maker Jamal-ud-din.
Gulab pashes, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 3-8 each, *sale*, maker Jamal-ud-din.
Tumbler, from Moradabad, exhibited by Sahu Kesho, Saran, Re. 1, *sale*, maker Jamal-ud-din.
Wine-cups, from Moradabad, exhibited by Sahu Kesho, Saran, Re. 1 each, *sale*, maker Jamal-ud-din.
Tea samovar, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 7, *sale*, maker Jamal-ud-din.
Dishes, from Moradabad, exhibited by Sahu Kesho, Saran, Re. 1-4 to Rs. 4, *sale*, maker Jamal-ud-din.
Bansuli (flutes), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 2 each, *sale*, maker Jamal-ud-din.
Dishes (*thali*), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 2-8 each, *sale*, maker Jamal-ud-din.
Bed stands, 2 sets, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 23 to Rs. 27, *sale*, maker same as exhibitor.
Tumbler with cover, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 2, *sale*, maker same as exhibitor.
Chess with 32 pieces, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 40, *sale*, maker same as exhibitor.
Pipe, cocoanut-shaped, from Moradabad, exhibited by Sahu Kesho, Saran, Rs, 100, *sale*, maker same as exhibitor.
Mug (*lota*), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 8, *sale*, maker same as exhibitor.
Ticket-bowls, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 10 each, *sale*, maker same as exhibitor.
A vessel with 44, vessels inside (gauj), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 50, *sale*, maker same as exhibitor.
Trays, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 25 each, *sale*, maker same as exhibitor.

Box, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 30, *sale*, maker same as exhibitor.
Ewers, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 11 each, *sale*, maker same as exhibitor.
Frames (*chaukhata*), from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 10 to Rs. 14, *sale*, maker same as exhibitor.
Frames, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 15, *sale*, maker same as exhibitor.
Tray with 10 dishes inside the box, from Moradabad, exhibited by Sahu Kesho, Saran, Rs. 125, *sale*, maker same as exhibitor.
Vases, from Moradabad, exhibited by Sham Lal and Co., Rs. 3 to Rs. 10, *sale*, maker same as exhibitor.
Fruit dishes, from Moradabad, exhibited by Sham Lal and Co., Rs. 0 to Rs. 10, *sale*, maker same as exhibitor.
Candlesticks, from Moradabad, exhibited by Sham Lal and Co., Rs. 12-8 each, *sale*, maker same as exhibitor.
Flower pots from Moradabad exhibited by Sham Lal and Co., Rs. 6 to Rs. 40, *sale*, maker same as exhibitor.
Flower pots, from Moradabad, exhibited by Sham Lal and Co., Rs. 6 each, *sale*, maker same as exhibitor.
Vases, from Moradabad, exhibited by Sham Lal and Co., Rs. 6 to Rs 15, *sale*, maker same as exhibitor.
Tumblers, from Moradabad, exhibited by Sham Lal and Co., Rs. 4 to Rs. 7, *sale*, maker same as exhibitor.
Mugs, from Moradabad, exhibited by Sham Lal and Co., Rs. 5 to Rs. 6-8, *sale*, maker same as exhibitor.
Wine-glasses, from Moradabad, exhibited by Sham Lal and Co., Rs. 5-8 each, *sale*, maker same as exhibitor.
Powder-boxes, from Moradabad, exhibited by Sham Lal and Co, Rs. 5 each, *sale*, maker same as exhibitor.
Biscuit-boxes, from Moradabad, exhibited by Sham Lal and Co., Rs. 12-8 each, *sale*, maker same as exhibitor.
Betel-boxes (*mukaba*), from Moradabad, exhibited by Sham Lal and Co., Rs. 15, each, *sale*, maker same as exhibitor.
Paper box, from Moradabad, exhibited by Sham Lal and Co., Rs. 80, *sale*, maker same as exhibitor.
Badnas, from Moradabad, exhibited by Sham Lal and Co., Rs. 12 each, *sale*, maker same as exhibitor.
Goglets (*surahis*), from Moradabad, exhibited by Sham Lal and Co., Rs. 6 to Rs. 16, *sale*, maker same as exhibitor.
Round boxes (*dibias*), from Moradabad, exhibited by Sham Lal and Co., Rs. 3 to Rs. 6, *sale*, maker same as exhibitor.
Finger-bowls (*piala*), from Moradabad, exhibited by Sham Lal and Co., Rs. 2, each, *sale*, maker same as exhibitor.
Jars and saucers, from Moradabad, exhibited by Sham Lal and Co., Rs. 15 each *sale*, maker same as exhibitor.
Cups and saucers, from Moradabad, exhibited by Sham Lal and Co., Rs. 4 each, *sale*, maker same as exhibitor.
Aftabas, from Moradabad, exhibited by Sham Lal and Co., Rs. 25 each, *sale*, maker same as exhibitor.
Trays (*thali*), from Moradabad, exhibited by Sham Lal and Co., Rs. 5 to Rs. 70, *sale*, maker same as exhibitor.
A set of four finger-bowls. from Moradabad, exhibited by Sham Lal and Co., Rs. 24, *sale*, maker same as exhibitor.
Samovars, from Moradabad, exhibited by Sham Lal and Co., Rs. 25 each, *sale*, maker same as exhibitor.
Spittoon, large, from Moradabad, exhibited by Sham Lal and Co., Rs. 50, *sale*, maker same as exhibitor.
Spittoon, small, from Moradabad, exhibited by Sham Lal and Co., Rs. 25, *sale*, maker same as exhibitor.

Pen-tray, from Moradabad, exhibited by Sham Lal and Co., Rs. 80, *sale*, maker same as exhibitor.
Aftaba, from Moradabad, exhibited by Sham Lal and Co., Rs. 35, *sale*, maker same as exhibitor.
Twelve towel rings, from Moradabad, exhibited by Sham Lal and Co., Re. 1-12 each, *sale*, maker same as exhibitor.
Pipe, from Moradabad, exhibited by Sham Lal and Co., Rs. 75, *sale*, maker same as exhibitor,
Trays (*thali*), from Moradabad, exhibited by Sham Lal and Co., Rs. 20 to Rs. 25, *sale*, maker same as exhibitor.
A pair of sandals, from Moradabad, exhibited by Sham Lal and Co., Rs. 25, *sale*, maker same as exhibitor.
Sugar basins, from Moradabad, exhibited by Sham Lal and Co., *sale*, Rs. 9 each, maker same as exhibitor.
Cups with saucers, from Moradabad, exhibited by Sham Lal and Co., Rs. 5-8 each, *sale*, maker same as exhibitor,
A set of 4 finger-bowls, from Moradabad, exhibited by Sham Lal and Co., Rs. 21-8, *sale*, maker same as exhibitor.
Tumblers with salvers from Moradabad exhibited by Mohammad Yar Khan, Rs. 7 to Rs. 10-8, *sale*, maker same as exhibitor.
Mugs (*gillas*), from Moradabad, exhibited by Mohammad Yar Khan, Re. 1-8 to 3, *sale*, maker same as exhibitor.
Thalis, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 5 to 20, *sale*, maker same as exhibitor.
Dressing table, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 10, *sale*, maker same as exhibitor.
Salvers (*thali*), from Moradabad, exhibited by Mohammad Yar Khan, Re. 1-4 to Rs. 35, *sale*, maker same as exhibitor.
Travelling boxes, from Moradabad exhibited by Mohammad Yar Khan, Rs. 16 to Rs. 29, *sale*, maker same as exhibitor.
Round boxes (*dibia*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 12 each, *sale*, maker same as exhibitor.
Small boxes, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 6 to Rs. 7, *sale*, maker same as exhibitor.
Small round boxes (*dibia*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 5 to Rs 6, *sale*, maker same as exhibitor.
Biscuit-boxes, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 5 to Rs. 25, *sale*, maker same as exhibitor.
Pen-case (*kalamdan*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 12, *sale*, maker same as exhibitor.
Shields, from Moradabad. exhibited by Mohammad Yar Khan, Rs. 8 to 12, *sale*, maker same as exhibitor.
Towel rings, from Moradabad, exhibited by Mohammad Yar Khan, Re. 1-4 each, *sale*, maker same as exhibitor.
Shields, from Moradabad, exhibited by Mohammad Yar Khan, Rs 8 to Rs. 12, *sale*, maker same as exhibitor.
Mortar and pestle, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 4, *sale*, maker same as exhibitor.
Paper-knives, large, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 2-8 each, *sale*, maker same as exhibitor.
Paper-knives, small, from Moradabad, exhibited by Mohammad Yar Khan, Re. 1 to Re 1-8, *sale*, maker same as exhibitor.
Bedstead legs, 2 pairs, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 40, *sale*, maker same as exhibitor.
Teapots, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 20 to Rs. 40, *sale*, maker same as exhibitor.
Candlesticks (*shamadan*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 2-8 to 12, *sale*, maker same as exhibitor.
Plates (*rakabi*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 2 to Rs. 3-8, *sale*, maker same as exhibitor.

Wash-hand basin (*silafchi*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 6 to Rs. 10, *sale*, maker same as exhibitor.
Aftabas, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 4 to Rs. 6, *sale*, maker same as exhibitor.
Lota, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 20, *sale*, maker same as exhibitor.
Pipes (*nariyal*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 7 to Rs. 15, *sale*, maker same as exhibitor.
Tray (*thali*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 30, *sale*, maker same as exhibitor.
Betel-boxes (*pandan*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 20 to Rs. 25, *sale*, maker same as exhibitor.
Betel-boxes (*mukaba*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 10 to Rs. 22, *sale*, maker same as exhibitor.
Betel-case (*khasdan*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 8, *sale*, maker same as exhibitor.
Round box (*dibia*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 10, *sale*, maker same as exhibitor.
Picture-frames, from Moradabad, exhibited by Mohammad Yar Khan, Rs. 5 to Rs. 6, *sale*, maker same as exhibitor.
Tumblers (*gilas*), from Moradabad, exhibited by Mohammad Yar Khan, Rs. 3 to Rs. 5, *sale*, maker same as exhibitor.
Sets of bedstead legs, from Moradabad, exhibited by Salig Ram, Rs. 40 each, *sale*, maker same as exhibitor.
Set containing 12 tea cups, 1 teapot and 1 tray, from Moradabad, exhibited by Salig Ram, Rs. 40, *sale*, maker same as exhibitor.
Trays (*thali*), from Moradabad, exhibited by Salig Ram, Rs. 27-8 to Rs. 110, *sale*, maker same as exhibitor.
Platters (*thali*, from Moradabad, exhibited by Salig Ram, Rs. 11 to Rs. 15-8, *sale*, maker same as exhibitor.
Dishes, from Moradabad, exhibited by Salig Ram, Rs. 4 to Rs. 18, *sale*, maker same as exhibitor.
Mugdar, 2 pairs, from Moradabad, exhibited by Salig Ram, Rs. 27-8 each, *sale*, maker same as exhibitor.
Flower-pots, from Moradabad, exhibited by Salig Ram, Rs. 27-8 to Rs. 55, *sale*, maker same as exhibitor.
Flower-pots, with dish from Moradabad, exhibited by Salig Ram, Rs. 10 each, *sale*, maker same as exhibitor.
Vases (*phuldan*), from Moradabad, exhibited by Salig Ram, Rs. 16-8 to Rs. 27-8, *sale*, maker same as exhibitor.
Tumblers, from Moradabad, exhibited by Salig Ram, Rs. 2-4 to Rs. 3, *sale*, maker same as exhibitor.
Tumblers with cover, from Moradabad, exhibited by Salig Ram, Rs. 4 each, *sale*, maker same as exhibitor.
Candle-holders (*shamadan*), from Moradabad, exhibited by Salig Ram, Rs. 11 each, *sale*, maker same as exhibitor.
Betel-holders (*khasdan*), from Moradabad, exhibited by Salig Ram, Rs. 7 to Rs. 30, *sale*, maker same as exhibitor.
Small box, from Moradabad, exhibited by Salig Ram, Rs. 55, *sale*, maker same as exhibitor.
Shields, from Moradabad, exhibited by Salig Ram, Rs. 5 to Rs. 24, *sale*, maker same as exhibitor.
Biscuit-boxes, from Moradabad, exhibited by Salig Ram,* Rs. 5 to Rs. 9, *sale* maker same as exhibitor.
* Silver tea-pot, from Sitapur (Oudh), exhibited by Thakur Protab Rudra Sing, Talukdar, Rampur, Muttra, district Sitapur, *loan*, maker Gopal, iron-smith of Rampur, Muttra.

* A clear imitation of an ordinary English pattern.

Silver drinking-glass, from Sitapur (Oudh), exhibited by Thakur Protab Rudra Sing, Talukdar, Rampur Muttra, district Sitapur, *loan*.
Silver enamelled pán-box, from Lucknow, exhibited by Nazim Mirza Agha Ali Khan, Bahadur, *loan*, maker Gopal, ironsmith of Rampur, Muttra.
Silver *hukka* bottom with chilam and cover, from Lucknow, exhibited by Nazim Mirza Agha Ali Khan, Bahadur, *loan*.
Silver betel-case, from Lucknow, exhibited by Pandit Srikrishan, Pleader, Chakla, *loan*.
Silver *chilam* cover with chain, from Lucknow, exhibited by Hosain Ali Bahadur, Moulviganj, *loan*.
Silver *hukka* bottom, from Lucknow, exhibited by Hosain Ali Bahadur, Moulviganj, *loan*.
Silver boxes, small, from Lucknow, exhibited by Hosain Ali Bahadur, Moulviganj, *loan*.
Silver fan, from Lucknow, exhibited by Pandit Gopi Nath, through Mr. Oliver, Kashmeri muhalla, *loan*.
Silver enamelled *hukka* bottom, from Lucknow, exhibited by Nawab Sahib Mirza Bahadur, *loan*.
Silver belt (*dáb* with *fita*), from Lucknow, exhibited by Hanuman Sahai, Gol darwaza, *sale*.
Silver *hukka* bottom with *chilam*, from Lucknow, exhibited by Sanwal Das Baijnath, Katari tola, Rs. 969, *sale*, maker same as exhibitor.
Silver betel-case with pots, nut-cutter, spoon, &c., from Lucknow, exhibited by Sanwal Das Baijnath, Kotari tola, Rs. 657-12 and Rs. 64, *sale*, maker same as exhibitor.
Silver goblet with cover and chain, from Lucknow, exhibited by Manohar Das, Chowk, Rs. 64-13, *sale*, maker same as exhibitor.
Silver goblet with cover and chain, from Lucknow, exhibited by Monohar Das, Chowk, Rs. 51-10, *sale*, maker same as exhibitor.
Silver cup with cover, 2, from Lucknow, exhibited by Pandit Bishambhar Nath, Kashmiri tola, Rs. 61-10, *sale*, maker same as exhibitor.
Silver glass with saucer, from Lucknow, exhibited by Pandit Bishambar Nath, Kashmiri tola, Rs. 35-9, *sale*, maker same as exhibitor.
Silver cup, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 8, *sale*, maker same as exhibitor.
Silver cup with cover, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 83-12, *sale*, maker same as exhibitor.
Silver cup with cover, from Lucknow, exhibited by Sanwal Dass, Chowk, Rs. 47-7, *sale*, maker same as exhibitor.
Silver goblet with cover and chain, from Lucknow, exhibited by Sanwal Dass, Chowk, Rs. 46-4, *sale*, maker same as exhibitor.
Silver goblet with cover and chain, from Lucknow exhibited by Sanwal Das, Chowk, Rs. 51-2, *sale*, maker same as exhibitor.,
Silver glass, from Lucknow, exhibited by Sanwal Dass, Chowk, Rs. 52-12, *sale*, maker same as exhibitor.
Silver glass, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 34-4, *sale*, maker same as exhibitor.
Silver glass, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 34-7, *sale*, maker same as exhibitor.
Silver glass, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 33-9, *sale*, maker same as exhibitor.
Silver glass, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 33-5, *sale*, maker same as exhibitor.
Silver cup with saucer, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 83-4 *sale*, maker same as exhibitor.
Silver *hukka* bottom, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 192-7, *sale*, maker same as exhibitor.

* Raised silver work *hukka* bottom, from Lucknow, exhibited by Pandit Srikrishan, Pleader, Chakla, *loan.*

Raised silver work *hukka* bottom, from Lucknow, exhibited by Suleman Qudr Mirza Muhammad Hosain Ali Bahadur, Molviganj, *loan.*

Raised silver work spittoon, from Lucknow, exhibited by Suleman Qudr Mirza Muhammad Hosain Ali Bahadur, Molviganj, *loan.*

Raised double *hukka* bottom, from Lucknow, exhibited by Suleman Qudr Mirza Muhammad Hosain Ali Bahadur, Molviganj, *loan.*

Raised *hukka* bottoms, from Lucknow, exhibited by Nawab Mirza Muhammad Mehndi Ali Khan, Bahadur, Choudhri-ka-Gurhya, *loan.*

Raised spittoon, from Lucknow, exhibited by Nawab Mirza Muhammad Mehndi Ali Khan, Bahadur, Choudhri-ka-Gurhya, *loan.*

Raised *hukka* bottom, from Lucknow, exhibited by Nawab Mirza Muhammad Mehndi Ali Khan, Bahadur, Choudhri-ka-Gurhya, *loan.*

Raised *khasdan,* from Lucknow, exhibited by Nawab Mirza Muhammad Mehndi Ali Khan, Bahadur, Choudhri-ka-Gurhya, *loan.*

Raised small lota with cover, from Lucknow, exhibited by Nawab Mirza Muhammad Mehndi Ali Khan, Bahadur, Choudhri-ka-Gurhya, *loan.*

Raised *hukka* bottom with silver chain and chambal, from Lucknow, exhibited by Nawab Mirza Muhammad Mehndi Ali Khan, Bahadur, Choudhri ka-Gurhya, *loan.*

Raised cup with saucer and cover, from Lucknow, exhibited by Husain Ali, Mansurnagar, Rs. 17, *sale.*

Raised silver work glass, from Lucknow, exhibited by Husain Ali, Mansurnagar, Rs. 14-14, *sale,* maker same as exhibitor.

Raised betel-case, from Lucknow, exhibited by Husain Ali, Mansurnagar, Rs. 10-10, *sale,* maker same as exhibitor.

Raised betel-case, from Lucknow, exhibited by Husain Ali, Mansurnagar, Rs. 12-12, *sale,* maker same as exhibitor.

Raised *hukka* bottoms, from Lucknow, exhibited by Husain Ali, Mansurnagar, Rs. 14-14, *sale,* maker same as exhibitor.

Raised standing *hukka* bottom, from Lucknow exhibited by Husain Ali, Mansurnagar, Rs. 6-6, *sale, maker same as exhibitor.*

Raised salt-cellar, from Lucknow, exhibited by Husain Ali, Mansurnagar, Rs. 7-7, *sale,* maker same as exhibitor.

Raised plates, from Lucknow, exhibited by Husain Ali, Mansurnagar, Rs. 21-4, *sale,* maker same as exhibitor.

Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 35-1, *sale,* maker same as exhibitor.

Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 21-4, *sale,* maker same as exhibitor.

Raised betel-cases, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 42-8, *sale,* maker same as exhibitor.

Raised *thalis,* from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 34-11, *sale,* maker same as exhibitor.

Raised plates, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 14-14, *sale,* same as exhibitor.

Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 21-9, *sale,* maker same as exhibitor.

Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 11-2, *sale,* maker same as exhibitor.

* Bidri work, or as it is here called "raised" and "set" silver work, was no doubt introduced to Lucknow from Bider in the Deccan, but the style of the Lucknow work differs now very much from that of Bider. The metal used is an alloy of copper, lead, and tin, the surface of which is blackened by immersion in a mixture of sal ammoniac, saltpetre, salt, and blue vitriol. In the raised work, or "*zarbaland*" as it is called, the surface of the metal is diversified with raised patterns, which are then covered with silver leaf; in the set or bidri proper thin silver leaf is damascened into the metal.

The exhibitors where articles are for sale are also the makers who have been helped in having their expenses paid by the Lucknow Municipality.

Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 10-10, *sale,* maker same as exhibitor.

Raised oblong *hukka* bottom (kali), from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 7-7, maker same as exhibitor.

Raised glass with cover, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 59-8, *sale,* maker same as exhibitor.

Raised glass with cover, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 12-12, *sale,* maker same as exhibitor.

Raised cup with cover and saucer, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 31-14, *sale,* maker same as exhibitor.

Raised spittoons, from Lucknow, exhibited by Bullan Beg, Pal Golam Hosain, Rs. 15-15, *sale,* maker same as exhibitor.

Raised bottle with cover, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 13-13, *sale,* maker same as exhibitor.

Raised goblets with cover, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 29-12, *sale,* maker same as exhibitor.

Raised goblets with cover, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 6-6, *sale,* maker same as exhibitor.

Raised silver work *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 5-5, *sale,* maker same as exhibitor.

Raised silver work *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 4-13, *sale,* maker same as exhibitor.

Raised silver work *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 6-14, *sale,* maker same as exhibitor.

Raised wine glass, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 4-4, *sale,* maker same as exhibitor.

Raised plate, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 12-12, *sale,* maker same as exhibitor.

Raised goblet, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 14-14, *sale,* maker same as exhibitor.

Raised cup, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 5-5, *sale,* maker same as exhibitor.

Raised plate, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 7-7, *sale,* maker same as exhibitor.

Raised spittoons, from Lucknow, exhibited by Muhammad Ali Beg, Mansurnagar, Rs. 16-8, *sale,* maker same as exhibitor.

Raised spittoons, from Lucknow, exhibited by Muhammad Ali Beg, Mansurnagar, Rs. 17, *sale,* maker same as exhibitor.

Raised spittoons from Lucknow exhibited by Muhammad Ali Beg, Mansurnagar, Rs. 15-7, *sale,* maker same as exhibitor.

Raised glass with saucer and cover, from Lucknow, exhibited by Muhammad Ali, Beg, Mansurnagar, Rs. 14-6, *sale,* maker same as exhibitor.

Raised plate, from Lucknow, exhibited by Muhammad Ali Beg, Mansurnagar, Rs. 9-9, *sale,* maker same as exhibitor.

Raised plate, from Lucknow, exhibited by Muhammad Ali Beg, Mansurnagar, Rs. 7-7, *sale,* maker same as exhibitor.

Raised goglet with cover and chain, from Lucknow, exhibited by Muhammad Ali Beg, Mansurnagar, Rs. 34, *sale,* maker same as exhibitor.

Raised spittoons, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 23-6, *sale,* maker same as exhibitor.

Raised goglet with cover and chain, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 19-2, *sale,* maker same as exhibitor.

Raised goglet with cover and chain, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 29-12, *sale,* maker same as exhibitor.

Raised goglet with cover and chain, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 25-8, *sale,* maker same as exhibitor.

Raised cup with saucer and cover, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 14-14, *sale,* maker same as exhibitor.

Raised silver work plate, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi *Mandi,* Rs. 10-10, *sale,* maker same as exhibitor.

Raised silver work plate, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 42-8, *sale*, maker same as exhibitor.
Raised spittoon, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 19-2, *sale*, maker same as exhibitor.
Raised spittoon, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 8-8, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 13-13, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 10-10, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 7-7, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 11-12, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 5-5, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 6-6, *sale*, maker same as exhibitor.
Raised goblet with cover and chain, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 10-10, *sale*, maker same as exhibitor.
Raised goblet with cover and chain, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 31-14, *sale*, maker same as exhibitor.
Raised bottle with cover and chain, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 12-12, *sale*, maker same as exhibitor.
Raised glass with cover and saucer, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 25-8, *sale*, maker same as exhibitor.
Raised glass with cover and saucer, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 18-1, *sale*, maker same as exhibitor.
Raised glass with cover and saucer, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 12-12, *sale*, maker same as exhibitor.
Raised glass with cover and saucer, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 10-10, *sale*, maker same as exhibitor.
Raised plates (*thalis*), from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 53-2, *sale*, maker same as exhibitor.
Raised plates (*thalis*), from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 12-12, *sale*, maker same as exhibitor.
Raised plates (*thalis*), from Lucknow, exhibited by Mahummad Ali Beg, Sabzi Mandi, Rs. 10-10, *sale*, maker same as exhibitor.
Raised plates (*thalis*), from Lucknow, exhibited by Mahummad Ali Beg, Sabzi Mandi, Rs. 17, *sale*, maker same as exhibitor.
Raised plates (*thalis*), from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 7-7, *sale*, maker same as exhibitor.
Raised salt cellar with saucer and cover, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 7-7, *sale*, maker same as exhibitor.
Raised *hukka* bottoms, with stand, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 26-9, *sale*, maker same as exhibitor.
Raised *hukka* bottoms, with stand, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 29-12, *sale*, maker same as exhibitor.
Raised *hukka* bottoms, with stand, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 30-13, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 25-8, *sale*, maker same as exhibitor.
Raised betel-cases, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 19-2, *sale*, maker same as exhibitor.
Raised plates, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 38-4, *sale*, maker same as exhibitor.
Raised plates, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 29-12, *sale*, maker same as exhibitor.
Raised plates, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi. Rs. 10-10, *sale*, maker same as exhibitor.

Raised *plates* (*thalis*), from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 34, *sale*, maker same as exhibitor.
Raised *hakka* bottoms, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 18-2, *sale*, maker same as exhibitor.
Raised *hukka* bottoms, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 7-7, *sale*, maker same as exhibitor.
Raised *hukka* bottoms, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 13-4, *sale*, maker same as exhibitor.
Raised plates, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 5-5, *sale*, maker same as exhibitor.
Raised goglet with cover and chain, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 23-6, *sale*, maker same as exhibitor.
Raised goglet with cover and saucer, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 30-14, *sale*, maker same as exhibitor.
Raised glass with cover and saucer, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 43-2, *sale*, maker same as exhibitor.
Raised wine glass with cover and saucer, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 31-14, *sale*, maker same as exhibitor.
Raised plate, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 6-6 *sale*, maker same as exhibitor.
Raised cup with cover and saucer, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 29-12, *sale*, maker same as exhibitor.
Raised silver work goglet with cover and chain, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 14-14, *sale*, maker same as exhibitor.
Raised silver work goglet with cover and chain, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 21-4, *sale*, maker same as exhibitor.
Raised betel-case, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 9-9, *sale*, maker same as exhibitor.
Raised betel-case, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 35-1, *sale*, make same as exhibitor.
Raised spittoons, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 12-12, *sale*, maker same as exhibitor.
Raised *hukka* bottoms, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 4-4, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 6-6, *sale*, maker same as exhibitor.
Raised goglet with cover and chain, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 7-7, *sale*, maker same as exhibitor.
Raised goglet with cover and chain, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 7-7, *sale*, maker same as exhibitor.
Raised goglet with cover and chain, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 11-11, *sale*, maker same as exhibitor.
Raised goglet, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 37-3, *sale*, maker same as exhibitor.
Raised spittoons, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs 15-15, *sale*, maker same as exhibitor.
Raised spittoons, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 53-2, *sale*, maker same as exhibitor.
Raised *hukka* bottom (oblong), from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 6-6, *sale*, maker same as exhibitor.
Raised wine-glass, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 4-4, *sale*, maker same as exhibitor.
Raised wine-glass, from Lucknow, exhibited by Bullan Beg, Pul Golam Hussain, Rs. 3-12, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 14-14, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 12-2, *sale*, maker same as exhibitor.
Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 11-11, *sale*, maker same as exhibitor.

Raised *hukka* bottom, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 7-7, *sale*, maker same as exhibitor.

Raised *hukka* standing, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 10-10, *sale*, maker same as exhibitor.

Raised cup with cover and saucer, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 40-6, *sale*, maker same as exhibitor.

Raised glass with cover and saucer, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 29-12, *sale*, maker same as exhibitor.

Raised platters, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs, 22-5, *sale*, maker same as exhibitor.

Raised platters, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 8-8, *sale*, maker same as exhibitor.

Raised platters, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 11-11, *sale*, maker same as exhibitor.

Raised platters, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs 16, *sale*, maker same as exhibitor.

Raised platters, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 7-7, *sale*, maker same as exhibitor.

Raised wine-glass without cover, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 9-9, *sale*, maker same as exhibitor.

Raised *lota*, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 14-14, *sale*, maker same as exhibitor.

Raised *lota*, from Lucknow, exhibited by Bullan Beg, Pal Golam Husain, Rs. 11-11, *sale*, maker same as exhibitor.

Raised betel-case, dome-shaped, with pots, from Lucknow, exhibited by Bullan Beg, Pul Golam Husain, Rs. 37-3, *sale*, maker same as exhibitor.

Raised platter, from Lucknow, exhibited by Mehdi Hosain, Belochpura, Rs. 9-9, *sale*, maker same as exhibitor.

Raised goglet with cover, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 63-12, *sale*, maker same as exhibitor.

Raised goglet with cover, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 21-4, *sale*, maker same as exhibitor.

Raised wine-glass with cover and saucer, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 13-10, *sale*, maker same as exhibitor.

Raised oblong *hukka* bottom (*nariyal*), from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 7-7, *sale*, maker same as exhibitor.

Raised plate, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 8-8, *sale*, maker same as exhibitor.

Raised betel-case (*khasdan*), from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 17, *sale*, maker same as exhibitor.

Raised bottle, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 12-12, *sale*, maker same as exhibitor.

Raised *hukka* bottom, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 13-13, *sale*, maker same as exhibitor.

Raised goglet, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 10-10, *sale*, maker same as exhibitor.

Raised plates, from Lucknow, exhibited by Muhammed Ali Beg, Sabzi Mandi, Rs. 12-12, *sale*, maker same as exhibitor.

Raised betel-case, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 12-12. *sale*, maker same as exhibitor.

Set silver work glass with cover and saucer, from Lucknow, exhibited by Muhammad Beg Mansurnagar, Rs. 36-2, *sale*, maker same as exhibitor.

Set silver *hukka* bottom with stand, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 74-6, *sale*, maker same as exhibitor.

Set silver goglet with cover, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 31-14, *sale*, maker same as exhibitor.

Set silver *hukka* bottom (*farshi.*), from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 53-2, *sale*, maker same as exhibitor.

Set silver spittoon, from Lucknow, exhibited by Muhammad Ali Beg, Sabzi Mandi, Rs. 18-1, *loan*, maker same as exhibitor.

Silver scent bottle in case, from Lucknow, exhibited by Suleman Qudr Mirza Muhammad Husain Ali Bahadur, *loan*, maker same as exhibitor.

Silver box (net-work), from Lucknow, exhibited by Suleman Qudr Mirza Muhammad Husain Ali Bahadur, *loan*, maker same as exhibitor.

Fish-bone knife-case, from Lucknow, exhibited by Suleman Qudr Mirza Muhammad Husain Ali Bahadur, *loan*, maker same as exhibitor.

Silver-gilt enamelled glass with cover and saucer, from Lucknow, exhibited by Hikim Muhammad Raza Khan, Begamganj, *loan*, maker same as exhibitor.

Silver-gilt engraved pen box, from Lucknow, exhibited by Hanuman Sahai, Naldarwaja, *loan*, maker same as exhibitor.

Silver-gilt tray, from Lucknow, exhibited by Sah Kirpa Dyal, *loan*, maker same as exhibitor.

Bidri work glasses with cover and saucer, from Lucknow, exhibited by Hosain Ali, Mansurnagar, Rs. 27-10, *loan*, maker same as exhibitor.

Silver work plates, from Lucknow, exhibited by Hosain Ali, Mansurnagar, Rs. 25-8, *loan*, maker same as exhibitor.

Silver glass with cover, from Lucknow, exhibited by Hosain Ali, Mansurnagar, Rs. 12-12, *loan*, maker same as exhibitor.

Silver betel-case, from Lucknow, exhibited by Hosain Ali, Mansurnagar, Rs. 12-12, *loan*, maker same as exhibitor.

Silver goglet with cover and chain, from Lucknow, exhibited by Hosain Ali, Mansurnagar, Rs. 21-4, *loan*, maker same as exhibitor.

Glass with cover and saucer, set with silver, from Lucknow, exhibited by Hosain Ali, Mansurnagar, Rs. 31-14, *loan*, same as exhibitor.

Bidri raised silver work glass with cover and saucer, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 38-4, *loan*, maker same as exhibitor.

Bidri salt-cellar and saucer, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 17, *loan*. maker same as exhibitor.

Silver *hukka* bottom with figures, from Lucknow, exhibited by Gauri Sankar and Mahadeo Sankari Lala, Rs. 523-13, *loan*, maker same as exhibitor.

Silver betel case, from Lucknow, exhibited by Gauri Sankar and Mahadeo Sankari Lala, Rs. 71-3, *loan*, maker same as exhibitor.

Silver glass, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 23-6, *loan*, maker same as exhibitor.

Silver gilt *gilsa*, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 20-3, *loan*, maker same as exhibitor.

Silver gilt cellar, 2, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 13-13, *loan*, maker same as exhibitor.

Silver gilt cellar, 2, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 11-11, *loan*, maker same as exhibitor.

Silver goglet with cover and chain, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 12-12, *loan*, maker same as exhibitor.

Silver goglet without cover, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 11-11, *loan*, maker same as exhibitor

Silver goglet without cover, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 23-6, *loan*, maker same as exhibitor.

Silver goglet without cover, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 24-7, *loan*, maker same as exhibitor.

Silver platter, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 15-15, *loan*, maker same as exhibitor.

Silver platter, from Lucknow, exhibited by Khem Chand Sham Lal, Nali tola, Rs. 14-14, *loan*, maker same as exhibitor.

Silver cup, from Lucknow, exhibited by Ranji Mall, Chah Dohla, Rs. 35-1, *loan*, maker same as exhibitor.

Silver cups with spoons from Lucknow, exhibited by Ranji Mall, Chah Dohla, Rs. 15-11, *loan*, maker same as exhibitor.

Silver cup with spoons, from Lucknow, exhibited by Ranji Mall, Chah Dohla, Rs. 15-11, *loan*, maker same as exhibitor.

Silver rose-water bottle, from Lucknow, exhibited by Chuni Lal, Bhagwan Das, Chowk, Rs. 46-12, *loan* maker same as exhibitor.

Set silver work *hukka* bottom, from Lucknow, exhibited by Suleman Qudr Mirza Mohammad Husain Ali, Bahadur, *loan.*
Set silver spittoon, from Lucknow, exhibited by Suleman Qudr Mirza Mohammad Husain Ali, Bahadur, *loan.*
Set silver mouthpieces, from Lucknow, exhibited by Suleman Qudr Mirza Mohammad Husain Ali, Bahadur, *loan.*
Set silver *hukka* bottom, from Lucknow, exhibited by Suleman Qudr Mirza Mohammad Husain Ali, Bahadur, *loan.*
Set silver *hukka* bottom with name engraved, from Lucknow, exhibited by Suleman Qudr Mirza Mohammad Husain Ali, Bahadur, *loan.*
Set silver *hukka* bottom, from Lucknow, exhibited by Nazim Mirza Ali Khan Bahadur, Naya Chowk, *loan.*
Set silver small box (*dibia*), from Lucknow, exhibited by Nazim Mirza Ali Khan Bahadur, Naya Chowk, *loan.*
Set silver *hukka* bottom, from Lucknow, exhibited by Hakim Mohammad Raza Khan, Begamganj, *loan.*
Set silver cup with saucer (*kotora*), from Lucknow, exhibited by Nawab Mirza Muhammad Menhdi Ali Khan Bahadoor, Chawdhari-kigarhya, *loan.*
Set silver saucer (*tashlari*), from Lucknow, exhibited by Nawab Mirza Muhammad Menhdi Ali Khan Bahadoor, Chawdhari-kigarhya, *loan.*
Set silver *hukka* bottom, from Lucknow, exhibited by Nawab Mirza Muhammad Menhdi Ali Khan Bahadoor, Chawdhari-kigarhya, *loan.*
Set silver *hukka* bottom, 6, from Lucknow, exhibited by Nawab Mirza Muhammad Menhdi Ali Khan Bahadoor, Chawdhari-kigarhya, *loan.*
Set silver *hukka* bottom, 3 (*gurguri*), from Lucknow, exhibited by Nawab Mirza Muhammad Menhdi Ali Khan Bahadoor, Chawdhari-kigarhya, *loan.*
Set silver spittoon, from Lucknow, exhibited by Nawab Mirza Muhammad Menhdi Ali Khan Bahadoor, Chawdhari-kigarhya, *loan.*
Set silver *hukka* bottom, from Lucknow, exhibited by Nawab Mirza Muhammad Menhdi Ali Khan Bahadoor, Chawdhari-kigarhya, *loan.*
Set silver glass with saucer and cover, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 28-11, *sale*, maker same as exhibitor.
Set silver glass with saucer and cover, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs, 42-8, *sale*, maker same as exhibitor.
Set silver glass with saucer and cover, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 19-2, *sale*, maker same as exhibitor.
Set silver spittoon, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 25-8, *sale*, maker same as exhibitor.
Set silver goglet with cover and chain, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 22-5, *sale*, maker same as exhibitor.
Set silver *hukka* bottom, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 6-6, *sale*, maker same as exhibitor.
Set silver *hukka* bottom, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 11-11, *sale*, maker same as exhibitor.
Set silver platters, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 44-10, *sale*, maker same as exhibitor
Set silver platters, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 25-8, *sale* maker same as exhibitor.
Set silver platters, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 11-11, *sale*, maker same as exhibitor.
Set silver platters, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 8-8, *sale*, maker same as exhibitor.
Set silver *hukka* bottom, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 85, *sale*, maker same as exhibitor.
Set silver *hukka* with cover and chain, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 55-4, *sale*, maker same as exhibitor.
Set silver spittoon, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 21-4, *sale*, maker same as exhibitor.
Set silver *lota* (small), from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 15-15, *sale*, maker same as exhibitor.
Set silver *hukka* bottom, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 10-10, *sale*, maker same as exhibitor.

Set silver betel cases, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 36-2, *sale*, maker same as exhibitor.
Set silver platters, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 38-4, *sale*, maker same as exhibitor.
Set silver rose-water bottle, from Lucknow, exhibited by Chuni Lal, Bhagwan Das, Chowk, Rs. 45-11, *sale*, maker same as exhibitor.
Set silver cup, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 20-3, *sale*, maker same as exhibitor.
Set silver sugar bowl, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 58-7, *sale*, maker same as exhibitor.
Set silver glass, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 45-11, *sale*, maker same as exhibitor.
Set silver *dúdh don*, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 24-7, *sale*, maker same as exhibitor.
Silver mug, gilt, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 31-14, *sale*, maker same as exhibitor.
Silver enamelled cup, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 10-10, *sale*, maker same as exhibitor.
Silver enamelled cup, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 11-11, *sale*, maker same as exhibitor.
Silver enamelled salt-cellar, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 13-13, *sale*, maker same as exhibitor.
Silver enamelled salt-cellar, from Lucknow, exhibited by Ajudhia Prasad, Jagannath Chowk, Rs. 12-12, *sale*, maker same as exhibitor.
Raised silver work *hukka* bottom with stand, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 21-4, *sale*, maker same as exhibitor
Raised silver work *hukka*, oblong (kali), from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 8-8, *sale*, maker same as exhibitor.
Raised gold work goglet, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 122-3, *sale*, maker same as exhibitor.
Raised gold work goglet, from Lucknow, exhibited by Muhammad Beg, Mansurnagar, Rs. 79-11, *sale*, maker same as exhibitor.
Raised gold work goglet, from Lucknow, exhibited by Mehdi Husain, Balochpura, Rs. 85, *sale*, maker same as exhibitor.
Raised gold work goglet, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 90-5, *sale*, maker same as exhibitor.
Raised gold work goglet, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 138-2, *sale*, maker same as exhibitor.
Copper electro-plated glass with cover and saucer, from Lucknow, exhibited by Mehdi Husain, Balochpura, Rs. 9, *sale*, maker same as exhibitor.
Copper gilt glass, salt-cellar, from Lucknow, exhibited by Mehdi Husain, Balochpura, Rs. 4-4, *sale*, maker same as exhibitor.
Set gold work glass with cover and saucer, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 58-7, *sale*, maker same as exhibitor.
Set gold work glass with cover and saucer, from Lucknow, exhibited by Bullan Beg, Pul Golam Hosain, Rs. 170, *sale*, maker same as exhibitor.
Round gold work goglet, from Lucknow, exhibited by Muhammad Ali, Sabzi Mandi, Rs. 127-8, *sale*, maker same as exhibitor.
Silver-gilt enamelled glass, from Lucknow, exhibited by Ramji Mall, Chah Dohla, Rs. 27-4, *sale*, maker same as exhibitor.
Silver-gilt enamelled plate, from Lucknow, exhibited by Ramji Mall, Chah Dohla, Rs. 28-11, *sale*, maker same as exhibitor.
Silver-gilt enamelled with gold goglet, from Lucknow, exhibited by Kanhai Lal, Yahiaganj, Rs. 100-15, *sale*, maker same as exhibitor.
Silver-gilt enamelled rosewater bottle, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 83-8, *sale*, maker same as exhibitor.
Silver goglet with cover and chain, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 31-6, *sale*, maker same as exhibitor.
Silver goglet with cover and chain, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 31-12, *sale*, maker same as exhibitor.

Set of silver tea-sets (8), from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 145-13, *sale*, maker same as exhibitor.
Silver betel-case with platters, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 116-5, *sale*, maker same as exhibitor.
Silver scent-box, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 31-7, *sale*, maker same as exhibitor.
Silver scent-box, from Lucknow, exhibited by Sanwal Das Chowk, Rs. 69-1, *sale*, maker same as exhibitor.
Silver betel-case, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 45-8, *sale*, maker same as exhibitor.
Silver betel-case, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 56-5, *sale*, maker same as exhibitor.
Silver box with scent phial, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 74-10, *sale*, maker same as exhibitor.
Silver tea-pot with cover, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 100-10, *sale*, maker same as exhibitor.
Silver milk jug, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 16-4, *sale*, maker same as exhibitor.
Silver small cup and spoon, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 13-13, *sale*, maker same as exhibitor.
Silver cup, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 58-7, *sale*, maker same as exhibitor.
Silver *gulabpash*, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 45-12, *sale*, maker same as exhibitor.
Silver *gulabpash*, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 45-13, *sale*, maker same as exhibitor.
Silver cup, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 17-9, *sale*, maker same as exhibitor.
Silver sets cups, from Lucknow, exhibited by Sanwal Das, Chowk, Rs. 65-2, *sale*, maker same as exhibitor.
Silver tea-pot, from Lucknow, exhibited by Sanwal Das, Yahiaganj, Rs. 33-13, *sale*, maker same as exhibitor.
Silver betel-case, nut cutters, &c. (No. 15), from Lucknow, exhibited by Sanwal Das, Yahiaganj, Rs. 411-4, *sale*, maker same as exhibitor.
Silver jug, from Lucknow, exhibited by Durga Prasad, Manohar Das, Rs. 384, *sale*, maker same as exhibitor.
Silver mug, from Lucknow, exhibited by Durga Prasad Manohar Das, Rs. 16, *sale*, maker same as exhibitor.
Silver jug, enamelled, from Lucknow, exhibited by Durga Prasad Manohar Das, Rs. 320, *sale*, maker same as exhibitor.
Enamelled betel-box, gold, from Benares, exhibited by H. H. the Maharaja of Benares, *loan*, maker same as exhibitor.
Enamelled *itrdan*, round, from Benares, exhibited by H. H. the Maharaja of Benares, *loan*, maker same as exhibitor.
Enamelled *itrdan*, oblong, from Benares, exhibited by H. H. the Maharaja of Benares, *loan*, maker same as exhibitor.

CLASS XXXV.—TOYS.

* Silver toys, ducks, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 7-8, *sale*.
* Silver camels, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 8-2, *sale*.
* Silver horses, small, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 3-12, *sale*.

* These silver toys are made at Gokul, a town in the Muttra district. The sale is not large, being usually confined to strangers, who purchase the toys as a curiosity. They are made by goldsmiths and are sold at Re. 1-4 per tola.

* Silver horses, large, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 5, *sale*.
* Silver mice, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 7-8, *sale*.
* Silver cow, large, 1, from Muttra, exhibited by Seth Lachman Das, Rs. 2-8, *sale*.
* Silver cow, small, 2, from Muttra, exhibited by Seth Lachman Das, Rs 4, *sale*.
* Elephants without *howda*, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 6-4, *sale*.
* Elephants without *howda*, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 7, *sale*.
* Elephants without *howda*, small, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 3-12, *sale*.
* Lions, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 3, *sale*.
* Monkeys, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 7, *sale*.
* Deer, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 2-12, *sale*.
* Herons, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 3-4, *sale*.
* Peacocks, small, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 3-4, *sale*.
* Parrots, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 3-4, *sale*.
* Peacocks, large, 2, from Muttra, exhibited by Seth Lachman Das, Rs. 3-12, *sale*.

Brass figures.

† Figures of Debi, from Muttra, exhibited by Seth Lachman Das, Rs. 14, *sale*.
† Figures of Ram, the 7th incarnation of the Hindu deity, from Muttra, exhibited by Seth Lachman Das, Rs. 10, *sale*.
† Figures of Saraswati, goddess of learning, from Muttra, exhibited by Seth Lachman Das, Rs. 10, *sale*.
† Figures of Basdeo, father of Krishna, from Muttra, exhibited by Seth Lachman Das, Rs. 3, *sale*.
† Figures of Radha Krishna, from Muttra, exhibited by Seth Lachman Das, Rs. 5-8, *sale*.
† Figures of Narsinghji, 5th incarnation of the deity, from Muttra, exhibited by Seth Lachman Das, Rs. 5-8, *sale*.
† Figures of Hunuman, from Muttra, exhibited by Seth Lachman Das, Rs. 5-12, *sale*.
† Figures of Ganesh, from Muttra, exhibited by Seth Lachman Das, Rs. 6-12, *sale*.
† Figures of Ganesh, small, from Muttra, exhibited by Seth Lachman Das, Re. 1-4, *sale*.
† Figures of Ganesh, small, from Muttra, exhibited by Seth Lachman Das, Re. 0-10, *sale*.
† Figures of Debi, small, from Muttra, exhibited by Seth Lachman Das, Re. 0-10, *sale*.
† Figures of Balmakund, from Muttra, exhibited by Seth Lachman Das, Re. 0-12, *sale*.
† Figures of Balmakund, from Muttra, exhibited by Seth Lachman Das, Re. 0-10, *sale*.
† Figures of Debi, from Muttra, exhibited by Seth Lachman Das, Re. 0-10, *sale*.
† Figures of Debi, from Muttra, exhibited by Seth Lachman Das, Rs. 3, *sale*.
† Figures of Krishna lifting Gobardhan, from Muttra, exhibited by Seth Lachman Das, Rs. 3-10, *sale*.

† There was formerly a considerable sale of these figures at Muttra, but it is declining. They are purchased by Hindus as objects of worship, and by Europeans as ornaments or as paper-weights. The profit of the trade is estimated at 10 per cent. The wages received by workmen are 5 annas a day. The articles are sold by weight at Rs. 2-8 to Rs. 3 a seer. Only Hindus carry on the trade.

Puzzle toy, from Bareilly, exhibited by Jairam Mistri, Civil Lines, Bareilly, Re. 1, *sale*, maker Jairam Mistri.
Toys, from Jalaun, exhibited by District Committee, Re. 1 each, *purchased*.
*Pack of playing card (*ganjifa*), 6 packs, from Fatehpur, exhibited by District Committee, Rs. 2-2 *purchased*, maker not known.
† Mechanical toy (box), from Bara Banki, exhibited by District Committee, Rs. 2-2, *sale*, makers Carpenters of Zaidpur.
Mechanical toy (box), from Bara Banki, exhibited by District Committee, Re. 1-10, *sale*, makers Carpenters of Zaidpur.
A horse and boat, from Bara Banki, exhibited by District Committee, Re. 1-10, *sale*, makers Carpenters of Zaidpur.
Wooden goglet-stand, from Bara Banki, exhibited by District Committee, Re. 1-10, *sale*, makers Carpenters of Zaidpur.
Wooden goglet-stand, from Bara Banki, exhibited by District Committee, Re. 1-2, *sale*, makers Carpenters of Zaidpur.
Peacocks, 4, from Bara Banki, exhibited by District Committee, Re. 1-10, *sale*, makers Carpenters of Zaidpur.
Peacock, 1, from Bara Banki, exhibited by District Committee, As. 6, *sale*, makers Carpenters of Zaidpur.
Bird, from Bara Banki, exhibited by District Committee, As. 10, *sale*, makers Carpenters of Zaidpur.
‡ Wooden frames with 2 serpents, 3, from Bara Banki, exhibited by District Committee, Rs. 2-8, *sale*, makers Carpenters of Zaidpur.
Wooden frames with 1 serpent, 1, from Bara Banki, exhibited by District Committee, As. 10, *sale*, makers Carpenters of Zaidpur.
A wooden fan, from Bara Banki, exhibited by District Committee, Rs. 2-4, *sale*, makers Carpenters of Zaidpur.
A pair of dolls, yellow dress, man and woman, from Benares, exhibited by Benares Municipality, Re 1-4, *sale*, maker not given.
A pair of dolls, white dressed; man and woman, from Benares, exhibited by Benares Municipality, Re. 1 4, *sale*, maker not given.
Rashmandil, representing Krishna dancing with cow-herdesses, from Benares, exhibited by Benares Municipality, Rs. 4, *sale*, maker not given.
Ninepins, Benares lacquered ware, from Benares, exhibited by Benares Municipality, Re. 1, *sale*, maker not given.
Croquet, from Benares, exhibited by Benares Municipality, As. 14, *sale*, maker not given.
Little basket containing 24 pieces of toys, Benares, lacquered red, from Benares, exhibited by Benares Municipality, As. 8 *sale*, maker not given.
Little basket containing 24 pieces of toys, Benares, lacquered yellow, from Benares, exhibited by Benares Municipality, As. 8, *sale*, maker not given.
Round boxes containing about 36 smaller ones, fitting one in another, 2, from Benares, exhibited by Benares Municipality, Re. 1, *sale*.
Surahis, imitation in wood of the earthen surahis, 2, from Benares, exhibited by Benares Municipality, As. 6, *sale*.
Tops, Benares lacquered work, 2, from Benares, exhibited by Benares Municipality, As. 6, *sale*.
Wooden balls, Benares, lacquered work, 4, from Benares, exhibited by Benares Municipality, As. 4, *sale*.
Pieces of paper with tikalis, a kind of ornament worn by native women on the forehead, 17, from Benares, exhibited by Benares Municipality, Rs. 2, *sale*.
A big basket containing 51 pieces of children's toys, lacquered, from Benares, exhibited by Benares Municipality, As. 12, *sale*.
One big basket containing 51 pieces of children's toys, lacquered, from Benares, exhibited by Benares Municipality, As. 12, *sale*.

* On thin slips of woods; each pack contains 96 pieces.
† On drawing the lid, a cobra's head springs out.
‡ On holding up the frame, the serpents wriggle down to the hand.

Little boxes, lacquered, containing 20 smaller boxes, from Benares, exhibited by Benares Municipality, As. 12, *sale*.
Guns, lacquered, 2, from Benares, exhibited by Benares Municipality, As. 12, *sale*.
A balancing figure, lacquered (matwalah), from Benares, exhibited by Benares Municipality, As. 3, *sale*.
One round box, lacquered, from Benares, exhibited by Benares Municipality, As. 3, *sale*.
Cardamums, model of clay, 24, from Benares, exhibited by Benares Municipality, Re. 1, *sale*.
Cross-shaped piece of beadwork, from Benares, exhibited by Benares Municipality, Re. 1, *sale*.
Elephant bead work, from Benares, exhibited by Benares Municipality, As. 3, *sale*.
Cypress trees made of beads, with a peacock on the top, 2, from Benares, exhibited by Benares Municipality, Rs. 2-8, *sale*.
Cup made of beads, from Benares, exhibited by Benares Municipality, As. 4, *sale*.
A chair made of beads, from Benares, exhibited by Benares Municipality, As. 5, *sale*.
Country cane chair made of beads, from Benares, exhibited by Benares Municipality, As. 7, *sale*.
A basket made of beads, from Benares, exhibited by Benares Municipality, As. 12, *sale*.
Round box made of beads, from Benares, exhibited by Benares Municipality, As 5, *sale*.
* Pair of dolls, from Agra, exhibited by Municipality, Rs. 70, *sale*.
Elephant, from Agra, exhibited by Municipality, Rs. 25, *sale*.
Brass camel with rider, from Agra, exhibited by Makhan Lal, Narain Das, Rs. 7-7, *sale*, makers same as exhibitors.
Brass elephant, from Agra, exhibited by Makhan Lal, Narain Das, Rs. 8-8, *sale*, makers same as exhibitors.

Clay models.

Watermelon, from Lucknow, exhibited by Pria Dass, Rs. 5-5, *sale*, maker same as exhibitor.
Pumpkin, from Lucknow, exhibited by Mata Din, Rs. 2-2, *sale*, maker same as exhibitor.
Pumpkin, from Lucknow, exhibited by Mata Din, Rs. 2-2, *sale*, maker same as exhibitor.
Oranges, 1 dozen, from Lucknow, exhibited by Mata Din, Rs. 3-3, *sale*, maker same as exhibitor.
Oranges, Hazara, 1 dozen, from Lucknow, exhibited by Mata Din, Rs. 3-3, *sale*, maker same as exhibitor.
Oranges, 4 dozens, from Lucknow, exhibited by Mata Din, Rs. 12-12, *sale*, maker same as exhibitor.
Oranges, 6 dozens, from Lucknow, exhibited by Mata Din, Re. 1-10, *sale*, maker same as exhibitor.
Jack fruit, from Lucknow, exhibited by Mata Din, Rs. 5-5, *sale*, maker same as exhibitor.
Phut, from Lucknow, exhibited by Mata Din, Rs. 3-3, *sale*, maker same as exhibitor.
Elephant laden with tent, from Lucknow, exhibited by Mata Din, Rs. 5-5, *sale*, maker same as exhibitor.
Model sugarcane, from Lucknow, exhibited by Mata Din, Tehri Bazar, Lucknow, Rs. 5-5, *sale*, maker same as exhibitor.
Model sugarcane, red, from Lucknow, exhibited by Mata Din, Tehri Bazar, Lucknow, Rs. 5-5, *sale*, maker same as exhibitor.
Melons (kharbuza), 3, from Lucknow, exhibited by Mata Din, Tehri Bazar, Lucknow, Rs. 3-3, *sale*, maker same as exhibitor.

* Designed to exhibit the varieties of lace manufacture in Agra.

Indian-corn, from Lucknow, exhibited by Mata Din, Tehri Bazar, Lucknow, Re. 1-1, *sale*, maker same as exhibitor (two exhibits).
Model bracket, 2, from Lucknow, exhibited by Mata Din, Tehri Bazar, Lucknow, Rs. 4-4, *sale*, maker same as exhibitor.
Washerwoman, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Khatkin, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Kahar playing harp from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Kahar playing cymbals, from Lucknow, exhibited by Municipal Committee, Rs. 2, maker Gulab Das.
Fakir, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Fakir Ramanandi, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Lili ghori, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Dhapali, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Kawan rathi, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Sunkur, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Women selling *bún*, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Women selling fish, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Women selling flour (*ata*), from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Fowl-seller, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Fowler, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Woman selling *dahi*, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Oilman, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Butterman, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Fakir, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Dahi-shop, from Lucknow, exhibited by Municipal Committee, Rs. 3, *sale*, maker Gulab Das.
Tobacco-shop, from Lucknow, exhibited by Municipal Committee, Rs. 3, *sale*, maker Gulab Das.
Bhang-shop, from Lucknow, exhibited by Municipal Committee, Rs. 3, *sale*, maker Gulab Das.
Cook, from Lucknow, exhibited by Municipal Committee, Rs. 3, *sale*, maker Gulab Das.
Torch-bearer, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Babu, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Orderly (mounted), from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Policeman, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Ayah, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.

Native infantry sepoy, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das.
Monkey-charmer, from Lucknow, exhibited by Municipal Committee, Rs. 3, *sale*, maker Gulab Das.
Dancing bear, from Lucknow, exhibited by Municipal Committee, Rs. 3, *sale*, maker Hira Lol.
Sweetmeat-shop, from Lucknow, exhibited by Municipal Committee, Rs. 3, *sale*, maker Gulab Dass, clay modeller.
Fisherman, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das, clay modeller.
Shoemaker, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das, clay modeller.
Cotton cleaner, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das, clay modeller,
Hukka-wala, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das, clay modeller.
Weaver, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das, clay modeller.
Woman carrying earthen pots, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Gulab Das, clay modeller.
Murai, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Roshan Lal, clay modeller.
Shingiwala, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Roshan Lal, clay modeller.
Coachman, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Roshan Lal, clay modeller.
Set of musicians, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Roshan Lal, clay modeller.
Tashawala, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Roshan Lal, clay modeller.
Duggiwala, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Roshan Lal, clay modeller.
Tomtom-player, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale* maker Roshan Lal, clay modeller.
Chopdar, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Bhisti, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale* maker Bhawani Das.
Mali, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Syce, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Grass-cutter, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Dhobi, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Sweeper, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Bearer, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Barber, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Chaprási, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Tailor, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Table servant, from Lucknow, exhibited by Municipal Committee, Rs. 2, *sale*, maker Bhawani Das.
Pansari shop, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 4-4, *sale*, maker Hira Lal.

Vegetable-seller's shop, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 4-4, *sale*, maker Hira Lal.
Churiwala, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 4-4, *sale*, maker Hira Lal.
Baker shop, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 4-4, *sale*, maker Hira Lal.
Bania's shop, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 4-4, *sale*, maker Hira Lal.
Bearers with doli, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 4-4, *sale*, maker Hira Lal.
Pán shop, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 2-2, *sale*, maker Hira Lal.
Ganesh, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 26-9, *sale*, maker Hira Lal.
Ganga, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 15-15, *sale*, maker Hira Lal.
Radha Krishan, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 5-5, *sale*, maker Hira Lal.
Ekka with driver, from Lucknow, exhibited by Hira Sal, Musahganj, Rs. 6-6, *sale*, maker Hira Lal.
Priest, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 6-6, *sale*, maker Hira Lal.
Priest, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 6-6, *sale*, maker Hira Lal.
Miniature statue of Balmukand, from Lucknow, exhibited by Hira Lal, Musahganj, Rs. 3-3, *sale*, maker Hira Lal.
Miniature statue of Balmukand, from Lucknow, exhibited by Hira Lal, Musahganj, Re. 1-1, *sale*, maker Hira Lal.
Lachman, from Lucknow, exhibited by Hira Lal, Musahganj, Re. 1-1, *sale*, maker Hira Lal.
Ramchandra, from Lucknow, exhibited by Hira Lal, Musahganj, Re. 1-1, *sale*, maker Hira Lal.
Woman with monkey, from Lucknow, exhibited by Hira Lal, Musahganj, Re. 1-1 *sale*, maker Hira Lal.
Brahmani, from Lucknow, exhibited by Hira Lal, Musahganj, Re. 1-1, *sale*, maker Hira Lal.
Marwari woman, from Lucknow, exhibited by Hira Lal, Musahganj, Re. 1-1, *sale*, maker Hira Lal.
Pársi, from Lucknow, exhibited by Hira Lal, Musahganj, Re. 1-1, *sale*, maker Hira Lal.
Panjabi, from Lucknow, exhibited by Gulab Das, Re. 1-5, *sale*, maker Gulab Das.
Jogi, from Lucknow, exhibited by Gulab Das, Re. 1-5, *sale*, maker Gulab Das.
Chaukidar, from Lucknow, exhibited by Gulab Das, Re. 1-5, *sale*, maker Gulab Das.
Nawab, from Lucknow, exhibited by Gulab Das, Re. 1-5, *sale*, maker Gulab Das.
Bhisti, from Lucknow, exhibited by Gulab Das, Re. 1-5, *sale*, maker Gulab Das.
Old woman begging, from Lucknow, exhibited by Gulab Das, Re. 1-5, *sale*, maker Gulab Das.
Water-woman, from Lucknow, exhibited by Gulab Das, Re. 1-5, *sale*, maker Gulab Das.
Beggar-woman, from Lucknow, exhibited by Gulab Das, Re. 1-5, *sale*, maker Gulab Das.
Fakir with sacred fires, from Lucknow, exhibited by Gulab Das, Rs. 2-2, *sale*, maker Gulab Das.
Four-bullock cart, from Lucknow, exhibited by Matadin, Aminabad, Rs. 10-10, *sale*, maker Matadin, Aminabad.
Two-bullock cart, from Lucknow, exhibited by Matadin, Aminabad, Rs. 6-6, *sale*, maker Matadin, Aminabad.
Ploughman, from Lucknow, exhibited by Matadin, Aminabad, Rs. 5-5, *sale*, maker Matadin, Aminabad.
Bábu, from Lucknow, exhibited by Bhawani Das, Rs. 2-2, *sale*, maker Bhawani Das, modeller.

Beldar, from Lucknow, exhibited by Bhawani Das, Rs. 2-2, *sale*, maker Bhawani Das, modeller.
Coolie, from Lucknow, exhibited by Bhawani Das, Rs. 2-2, *sale*, maker Bhawani Das, modeller.
Brahman, from Lucknow, exhibited by Bhawani Das, Rs. 2-2, *sale*, maker Bhawani Das, modeller.
Sepoy, from Lucknow, exhibited by Bhawani Das, Rs. 2-2, *sale*, maker Bhawani Das, modeller.
Beggar with hands raised, from Lucknow, exhibited by Bhawani Das, Rs. 2-2, *sale*, maker Bhawani Das, modeller.
Ahir, from Lucknow, exhibited by Bhawani Das, Rs. 2-2, *sale*, maker Bhawani Das, modeller.
Old man, from Lucknow, exhibited by Bhawani Das, Rs. 5-5, *sale*, maker Bhawani Das, modeller.
Bhangeri's shop, from Lucknow, exhibited by Bhawani Das, Rs. 12-12, *sale*, maker Bhowani Das, modeller.
A village, from Lucknow, exhibited by Municipal Committee, Rs. 200, *sale*, makers Girdhari Lal, Gulab Das, Hira Lal, and Roshan Lal, clay modellers.
Various hukkas from Lucknow exhibited by Gunnu, Katra Muhammad. Ali, Re. 1-10 to Rs. 6-6, *sale*, maker Gunnu, modeller.
A devotee—Goshain, from Benares, exhibited by Benares Municipal Committee, Rs. 10, *sale*.
Dandi with flag stick made of clay.
A devotee—Goshain with rosary cup made of clay from Benares exhibited by Benares Municipal Committee, Rs. 8, *sale*.
Figure of an old Brahman, from Agra, exhibited by Munshi Sheonarain, Rs. 50, *sale*, maker Munna Lal.
* Figure of a woman representing the cheap ornaments worn by low-class women, from Agra, exhibited by Munshi Sheonarain, Rs. 70, *sale*, maker Munna Lal.

CLASS XXXVI.—OTHER HOUSEHOLD UTENSILS AND APPLIANCES.

† Dough kneader, from Bareilly exhibited by Superintendent, Central Prison, Bareilly, Rs. 3-11-6, *sale*, maker Jail labour.
‡ Rope, yellow and green silk and cotton manufacture, from Agra, exhibited by Seth Lachman Das, Re. 1-8, *sale*.
Rope, red, white, and purple, from Agra, exhibited by Seth Lachman Das, Rs. 1-8, *sale*.
Rope, 5 colors, from Agra, exhibited by Seth Lachman Das, Re. 1-8, *sale*.
Rope, for flying kites, from Agra, exhibited by Seth Lachman Das, As. 12, *sale*.
Rope, 3 colors, from Agra, exhibited by Seth Lachman Das, As. 12, *sale*.
Rope, red and purple, from Agra, exhibited by Seth Lachman Das, As. 12, *sale*.
Rope, red and green, from Agra, exhibited by Seth Lachman Das, As. 12, *sale*.
Rope, green, from Agra, exhibited by Seth Lachman Das, As. 12, *sale*.
Rein, green and yellow, from Agra, exhibited by Seth Lachman Das, Rs 8, *sale*.
Rein, red and purple gold, from, Agra exhibited by Seth Lachman Das, Re. 1, *sale*.
Rein, 5 colors, from Agra, exhibited by Seth Lachman Das, Re. 1, *sale*.
Rein, purple, white, and green, from Agra, exhibited by Seth Lachman Das, Re. 1, *sale*.
Thick rope, white, from Agra, exhibited by Seth Lachman Das, Rs. 8-8. *sale*.

* Cheap ornaments of bell-metal and tin are made in great quantities in Rajamandi and Maltola in Agra. They are exported to the adjoining villages and districts, but the greatest sales are made at the numerous fairs which take place in the city and its neighbourhood. The ornaments are manufactured by Hindus, who form a close trade union. The female figure shows how the ornaments are worn.
† In Economic Court.
‡ Muttra is celebrated for its ropes. They are made of cotton or of silk, or of both, and are famous for being exceptionally strong and good. They are used for all sorts of domestic purposes. About 150 men are engaged in the manufacture, and their profits are estimated at 6 per cent. The usual wages to the workmen are from 2 to 3 annas per day; women also are employed in making the lighter kinds of rope and string.

Cages, 2, from Agra exhibited by Municipal Committee, Rs. 4, *sale.*
Nut-crackers, 2, from Agra, exhibited by Municipal Committee, Rs. 2-8, *sale.*

CLASS XXXVII.—CAMP EQUIPMENT, INCLUDING TENTS.

* Sample of tent rope, from Fatehgarh, exhibited by Superintendent, Central Prison, *presentation.*
* Model tent used in jails, North-Western Provinces and Oudh, from Fatehgarh, exhibited by Superintendent, Central Prison, *presentation.*
* Samples of tent cloth, 2, from Fatehgarh, exhibited by Superintendent, Central Prison, *presentation.*
† Tent, from Fatehgarh, exhibited by Sheikh Edda Baksh and Co., Rs. 2,700, *sale,* makers Edda Baksh and Co.
† Swiss cottage tent, from Farukhabad, exhibited by Messrs. Bhaggan Lal and Son, Rs. 460, *sale,* makers Bhaggan Lal and Son.
‡ Folding bedsteads for camp use, from Moradabad, exhibited by Chaudhari Dhian Sing, *Rais* of Kant, *loan.*
‡ Folding bedsteads for camp use, from Moradabad, exhibited by British Indian Association, *loan.*
‡ Folding bedsteads for camp use, from Moradabad, exhibited by Sub-Committee of Moradabad, Rs. 60, *sale,* maker Hafiz-ul-lah Mistri of Amroha.
‡ Folding bedsteads for camp use, from Moradabad, exhibited by Sub-Committee of Moradabad, Rs. 84, *sale.*

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR AND USE.

CLASS XXXVIII.—COTTON FABRICS.

Ladies' handkerchiefs, (plain), 3 doz., from Bulandshahr, exhibited by Munshi Lachman Sarup, *Rais* of Sikandrabad, Rs. 7-8, *sale,* maker Allah Baksh of Sikandrabad.
Ladies' handkerchiefs (gold borders), 3 dozen, from Bulandshahr, exhibited by Munshi Lachman Sarup, *Rais* of Sikandrabad, Rs. 15-12, *sale.*
Gentlemen's handkerchiefs (plain), 3 dozen, from Bulandshahr, exhibited by Munshi Lachman Sarup, *Rais* of Sikandrabad, Rs 1[illegible]-2, *sale.*
Gentlemen's handkerchiefs (gold border), 3 dozen, from Bulandshahr, exhibited by Munshi Lachman Sarup, *Rais* of Sikandrabad, Rs. 17-4, *sale.*
§ *Dopatta* (gold border), from Bulandshahr, exhibited by Munshi Lachman Sarup, *Rais* of Sikandrabad, Rs. 15, *sale,* maker Kallu of Sikandrabad.
Pagris (plain), 2, from Bulandshahr, exhibited by Munshi Lachman Sarup, *Rais* of Sikandrabad, Rs. 6-8, *sale,* maker Rahim Baksh of Sikandrabad.
|| Muslin, 2 pieces, from Rae Bareli in Oudh, exhibited by Hussan Jolaha of Jais in district Rae Bareli, Rs. 9, *sale,* maker Hussan Jolaha.
|| Muslin, 1 piece, from Rae Bareli in Oudh, exhibited by Hussan Jolaha of Jais in district Rae Bareli, Rs. 4-8, *sale,* maker Hussan Jolaha.
|| Handkerchief, from Rai Bareli in Oudh, exhibited by Madar Baksh, Rs. 12, *sale,* maker Madar Baksh.

* Exhibited in the Sample Room.
† Exhibited in the Exhibition grounds near the native refreshment stalls.
‡ A very ingenious form of folding bedstead for travelling, and highly ornamented with painting and lacquer.
§ Muslins of very fine quality and in great demand in the Provinces.
|| The muslins of Jais have had in their day a great reputation, but the art has much declined since the fall of the kingdom of Oudh.

* Handkerchief, from Rae Bareli in Oudh, exhibited by Madar Baksh, Rs. 10, *sale,* maker Madar Baksh.
* Check (*charkhana*), from Rae Bareli in Oudh, exhibited by Madar Baksh, Rs. 3-8 *sale,* maker Madar Baksh.
* Cotton fabric (*doria ekkhatti*), from Rae Bareli in Oudh, exhibited by Khoda Baksh, Rs. 3-8, *sale,* maker Khoda Baksh.
* Cotton fabric (*doria ekkhatti*), from Rae Bareli in Oudh, exhibited by Hussan Jolaha, Rs. 3-8, *sale,* maker Hussan Jolaha.
† One piece of *gulam gajra,* from Rae Bareli in Oudh, exhibited by District Committee, Re. 1-9, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *gulam gajra,* from Rae Bareli in Oudh, exhibited by District Committee, Re. 1-6-6, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *surti suti,* from Rae Bareli in Oudh, exhibited by District Committee, Re. 1-4-6, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *surti suti,* from Rae Bareli in Oudh, exhibited by District Committee, Re. 1-2, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *churia,* red-colored, from Rae Bareli in Oudh, exhibited by District Committee, Re. 1-5, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *churis,* red-colored, from Rai Bareli in Oudh, exhibited by District Committee, Re. 1-6, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *churia,* green-colored, from Rai Bareli in Oudh, exhibited by District Committee, Re. 1-6, *sale,* makers Weavers of Shahpur and Missuli.
One piece of *susi* or *kudrauli,* from Rae Bareli, exhibited by District Committee, annas 15, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *sangi,* from Rae Bareli in Oudh, exhibited by District Committee, Rs. 2, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *sangi,* from Rae Bareli in Oudh, exhibited by District Committee, Re. 1-6, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *nagina,* from Rae Bareli in Oudh, exhibited by District Committee, Re. 1-6, *sale,* makers Weaver of Shahpur and Misauli.
One piece of *gudoadi,* from Bara Banki in Oudh, exhibited by District Committee, Rs. 2-3, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *mangia,* from Bara Banki in Oudh, exhibited by District Committee, Re. 1-6, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *tapti,* colored red and yellow, from Bara Banki in Oudh, exhibited by District Committee, Re. 1-12, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *tapti,* colored red and yellow, from Bara Banki in Oudh, exhibited by District Committee, Re. 1-8, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *tapti,* three colored, from Bara Banki in Oudh, exhibited by District Committee, Re. 1-4-6, *sale,* makers Weavers of Shahpur and Missuli.
One piece of *tapti,* green and red, from Bara Banki in Oudh, exhibited by District Committee, Re. 1, *sale,* makers Weavers of Shahpur and Misauli.
One piece of *tapti,* five-colored, from Bara Banki in Oudh, exhibited by District Committee, Rs. 2, *sale,* makers Weavers of Shahpur and Misauli.
Check (*charkhana*), from Aligarh, exhibited by Municipality, Rs. 5, *sale,* woven at Sikandra.
Check (*charkhana*), from Aligarh, exhibited by Municipality, Rs. 4, *sale,* woven at Sikandra.
Sheets (*chaútahi*), 3, from Aligarh, exhibited by Municipality, Rs. 16-8, *sale,* maker Amiru Jolaha.
Muslin, from Aligarh, exhibited by Municipality, Rs. 4-6, *sale,* maker Amiru Jolaha.
2 pieces of *garha* cloth, from Aligarh, exhibited by Kuar Lutf Ali Khan. *Rais* of Talibnagar, Aligarh, *loan,* maker not known.

* The muslins of Jais have had in their day a great reputation, but the art has much declined since the fall of the kingdom of Oudh.
† This work is done with English thread purchased ready dyed in the bazar, and has been originated within the last 20 years. (The samples have been placed in the Sample Room.)
‡ These cloths have been placed in the Sample Room.

* Red dyed cloth (*kharua*), 2 pieces, from (Mau) Jhánsi, exhibited by District Committee, Rs. 4-12-6, *purchased*, maker Nanay Damalay of Mau.

†Coarse cloth (*ekri* or *gazi*), 2 pieces, from (Mau) Jhánsi, exhibited by District Committee, Rs. 3-7-6, *purchased*, maker Sidhay Kori of Mau.

‡ Country chintz (*jamuradi*), 2 pieces, from (Mau) Jhánsi, exhibited by District Committee, Rs. 4-12-6, *purchased*, maker Rugohur Barsia.

‡ Red cloth (*kashi*), 2 pieces, from (Mau) Jhánsi, exhibited by District Committee, Rs. 4-13-3, *purchased*, maker Rugohur Barsia.

‡ Red cloth (*churia*), 2 pieces, from (Mau) Jhánsi, exhibited by District Committee, Rs. 2-13, *purchased*, maker Rugohur Barsia.

§ Red cloth (*lahoria*), 2 pieces, from (Mau) Jhánsi, exhibited by District Committee, Re. 1-3, *purchased*, maker Rugohur Barsia.

Handkerchief, from Sitapur, Oudh, exhibited by Set Rughubar Dyal, Talukdar, Muazuddinpur, Rs. 6, *sale*, from Biswán.

Covering for the bed, from Sitapur, Oudh, exhibited by Set Rughubar Dyal, Talukdar, Muazuddinpur, Rs. 5, *sale*, from Biswán.

Table-cloth, from Sitapur, Oudh, exhibited by Set Rughubar Dyal, Talukdar, Muazuddinpur, Rs. 4, *sale*, from Biswár.

Sheet, from Sitapur, Oudh, exhibited by Set Rughubar Dyal, Talukdar, Muazuddinpur, Re. 1-8, *sale*, from Biswán.

Lungis, 2 from Sitapur, Oudh, exhibited by Thakur Lalta Parshad, Rs. 5-2, *sale*, from Khairabad, Sitapur.

|| Afzalgarh *garha* (coarse cloth), 2 pieces, from Bijnor, exhibited by Syed-ul-lah of Afzalgarh, Rs. 9, *sale*, maker Syed-ul-lah.

Muslin of Mau, from Azamgarh exhibited by Shaik Karim Baksh, satin merchant, Rs. 7, *sale*, maker Shaikh Karim Baksh.

Muslin of Mau, from Azamgarh, exhibited by Shaik Karim Baksh, satin merchant, Rs. 7, *sale*, maker Shaikh Karim Baksh.

Check, from Azamgarh, exhibited by Shaik Karim Baksh, satin merchant, Rs. 3-12, *sale*, maker Shaikh Karim Baksh.

Muslin (striped), from Azamgarh, exhibited by Shaikh Karim Baksh, satin merchant, Rs. 2-11-3, *sale*, maker Shaikh Karim Baksh.

Muslin (striped), from Azamgarh, exhibited by Shaik Karim Baksh, satin merchant, Rs. 2-11-3, *sale*, maker Shaikh Karim Baksh.

¶ Rampur *khes*, 2 pieces, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 12, *sale*, maker Shah Newaz, weaver, Rámpur State.

Khes with borders, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 3, *sale*, maker Shah Newaz, weaver, Rámpur State.

Khes, colored, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Re. 1-8, *sale*, maker Shah Newaz, weaver, Rámpur State.

Table cloth, *khes numa*, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 6, *sale*, maker Shah Newaz, weaver, Rámpur State.

Handkerchief, small, 2 pieces, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 3, *sale*, maker Shah Newaz, weaver, Rámpur State.

* A red dyed cloth, fast and durable. Mau is famous for its manufacture throughout India and exports largely.

† A coarse cloth woven in every village. Is dyed into kharua and printed into chintz.

‡ Fast colour and very durable. Used for making petticoats by lower classes.

§ Fast colour and very durable. By Kori classes. (Sample Room.)

|| (Sample Room.)

¶ The Rampur khes and lungis are not surpassed by any handiwork in India for their fine weaving and cotton. To work on silk is much easier, but it requires great art to make the embroidery on cotton so durable and soft. It is not so good as is done in Benares and Panjab, but it is proof against water and will stand any amount of washing and knocking up by the washermen. The embroidered specimens sent are not new, but have been used for several years, and are sent to show how they last and appear after being in use for some time.

Handkerchief, small, 2 pieces, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 3, *sale*, maker Shah Newaz, weaver, Rámpur State.

Handkerchief, large, 4 pieces, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 8, *sale*, maker Shah Newaz, weaver, Rámpur State.

A pair of very fine white *khes*, plain, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 40, *sale*, maker Shah Newaz, weaver, Rámpur State.

2 pairs of towels, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 6, *sale*, maker Shah Newaz, weaver, Rámpur State.

A pair of white *khes* with gold borders, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 125, *sale*, maker Shah Newaz, weaver, Rámpur State.

A pair of *lungis*, one light blue and the other violet, with gold borders, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 125, *sale*, maker Shah Newaz, weaver, Rámpur State.

* Turban cloth, from Saharanpur, exhibited by Abdul Latif of Gangole, Rs. 3, *sale*, maker Ahmad of Saharanpur.

* Turban cloth, 2 pieces, from Saharanpur, exhibited by Municipal Committee, Deoband, Rs. 2, *sale*, maker Karim Baksh.

Piece of *garha* cloth, from Saharanpur, exhibited by Municipal Committee, Deoband, Rs. 10, *sale*, maker Karim Baksh.

* Four-folded bed cloth, from Saharanpur, exhibited by Municipal Committee, Deoband, Rs. 12, *sale*, maker Quadra.

* Turban-cloth, green, from Saharanpur, exhibited by Municipal Committee, Deoband, Rs. 7, *sale*, maker Karim Baksh.

* Turban-cloth, red, from Saharanpur, exhibited by Municipal Committee, Deoband, Rs. 5, *sale*, maker Karim Baksh.

* Piece of colored cloth, from Saharanpur, exhibited by Municipal Committee, Deoband, Re. 1-8, *sale*, maker Hinga.

* 2 pieces of colored cloth, from Saharanpur, exhibited by Municipal Committee, Deoband, Rs. 2, *sale*, maker Hinga.

* Diaper, from Meerut, exhibited by District Committee, Meerut, Rs. 5, *sale*, maker Mangli.

* Gingham, from Meerut, exhibited by District Committee, Meerut, Rs. 4, *sale*, maker Mangli.

* *Dopatta* with gold borders, from Meerut, exhibited by District Committee, Meerut, Rs. 16, *sale*, maker Hussain.

* Country cloth, from Meerut, exhibited by District Committee, Meerut, Rs. 4, *sale*, maker Allah Baksh.

* Country cloth, from Meerut, exhibited by District Committee, Meerut, Rs. 5, *sale*, maker Allah Baksh.

* Country cloth, from Meerut, exhibited by District Committee, Meerut, Rs. 4, *sale*, maker Allah Baksh.

* Waistcoat, from Meerut, exhibited by District Committee, Meerut, Rs. 25, *sale*, maker Edu.

* Check cloth, 4 yards, from Meerut, exhibited by Superintendent, Central Prison, Rs. 5, *sale*, maker Jail labour.

* Hand-towel, fine, from Meerut, exhibited by Superintendent, Central Prison, Re. 0-10-8, *sale*, maker Jail labour.

* Bathing towels, from Meerut, exhibited by Superintendent, Central Prison, Re. 0-10-8, *sale*, maker Jail labour.

* Napkin, from Meerut, exhibited by Superintendent, Central Prison, Re. 0-4-3, *sale*, maker Jail labour.

† ½ dozen Turkish towels, at Rs. 18 per dozen, from Allahabad, exhibited by Superintendent, Central Jail, Rs. 9-9, *sale*, maker Jail labour.

* (Sample Room.)

† These are copied from the ordinary Turkish towels. No. 20 Cawnpore thread is used. One man makes three feet a day.

* ⅓ dozen Turkish towels, at Rs. 9 per dozen, from Allahabad, exhibited by Superintendent, Central Jail, Rs. 4-8, *sale*, maker Jail labour.

* ½ dozen Turkish towele, at Rs. 2 per dozen, from Allahabad, exhibited by Superintendent, Central Jail, Rs. 4, *sale*, maker Jail labour.

* ½ dozen Turkish towels, at Rs. 7 per dozen, from Allahabad, exhibited by Superintendent, Central Jail, Rs. 3-8, *sale*, maker Jail labour.

* ½ dozen Turkish towels, at Rs. 4 per dozen, from Allahabad, exhibited by Superintendent, Central Jail, Rs. 2, *sale*, maker Jail labour.

* ½ dozen Turkish towels, at Rs. 2 per dozen, from Allahabad, exhibited by Superintendent, Central Jail, Re. 1, *sale*, maker Jail labour.

† Coloured checks of various patterns from 6 to 8 annas per yard, from Allahabad, exhibited by Superintendent, Central Jail, Rs. 5, *sale*, maker Jail labour.

One dozen towels of 6 sizes and patterns, at Rs. 18, 9, 8, 7, 3, and 2 per dozen, from Allahabad, exhibited by Superintendent, Central Jail, Rs. 8, *presentation*, maker jail labour.

‡ Coloured drill, 3½ yards, from Lucknow exhibited by Superintendent, Central Jail, Rs. 1-1-6, *sale*, maker Jail labour.

‡ Coloured drill 10 samples of 9 yards each, from Lucknow, exhibited by Superintendent, Central Jail, Rs. 30-0-9, *sale*, maker Jail labour.

§ Check cloth, 9 yards, from Lucknow, exhibited by Superintendent, Central Jail, Rs. 1-13, *sale*, maker Jail labour.

Turkish towel, 1 yard, from Lucknow, exhibited by Superintendent, Central Jail, 8 as. *sale*, maker Jail labour.

Sample of striped cloth, from Fatehgarh, exhibited by Superintendent, Central Jail, 5 as. a yard, *presentation*, maker Jail labour.

Check cloth, from Bareilly, exhibited by Superintendent, Central Jail, Rs. 3-15-9 *sale*, maker Jail labour.

A pair of *dhotis* with silk borders, from Benares, exhibited by Gopal Singh, Benares, Rs. 3-12, *sale*.

A pair of cotton *dhotis* with red silk borders, from Benares, exhibited by Gopal Singh, Benares, Rs. 5-10.

A pair of *dhotis* with silk borders, from Nagpur, from Benares, exhibited by Gopal Singh, Benares, Rs. 26-4.

A pair of *dhotis* with broad silk borders, from Nagpur, from Benares, exhibited by Gopal Singh, Benares, Rs. 31-12.

4 Handkerchiefs, from Fyzabad in Oudh, exhibited by Wazir Begum, Khurd mahál, Fyzabad, Rs. 4, *sale*, maker Wazir Begum.

‖ Handkerchiefs, 3 dozs., from Fyzabad in Oudh, exhibited by Wahid, mauza Suk rawal, pargana Tanda, district Fyzabad, Rs. 9, *sale*, maker Wahid weaver.

‖ Tanda muslin, 1 piece, 2½ yards, from Fyzabad in Oudh, exhibited by Wahid, mauza Suk rawal, pargana Tanda, district Fyzabad, Rs. 30, *sale*, maker Wahid, weaver.

‖ Tanda (*jamdani jaldar*), 7⅓ yards, from Fyzabad, in Oudh, exhibited by Wahid, mauza Suk rawal, pargana Tanda, district Fyzabad, Rs. 56, *sale*, maker Wahid, weaver.

‖ Tanda muslin (*gainda boti*), 5⅔ yards, from Fyzabad in Oudh, exhibited by Wahid, mauza Suk rawal, pargana Tanda, district Fyzabad, Rs. 43, *sale*, maker Wahid weaver.

‖ Tanda (*jamdani tajdar*), 5 5/16 yards, from Fyzabad, in Oudh, exhibited by Babu, weaver, Rs. 46-11-10, *sale*, maker Babu weaver.

* No. 10 thread woven with No. 20 Cawnpore thread.

† These checks are made to meet a great demand for coat material for the hot weather and office work. They are known as "jharruns" from the fact of the common country dusters having been converted into coats by the officers of a cavalry regiment in Afghanistan. (Sample Room.)

‡ Made of machine thread on country looms, 6 feet a day.

§ " " " " 2 " "

‖ The muslins and cloths of Tanda (Oudh) had a great sale while the Court of Oudh was still flourishing. Evil times have since in various ways fallen on the weavers.

* Tanda (*iamdani marka*), 13 1/16 yards, from Fyzabad in Oudh exhibited by Babu, weaver, Rs. 33-3-3, *sale*, maker Wahid weaver.

* Tanda (*gainda boti*), from Fyzabad, exhibited by Babu, weaver, Rs. 80, *sale*, maker Babu, weaver.

* Tanda (*jamdani aribal*), 3 pieces, from Fyzabad in Oudh, exhibited by Wajid Jolaha, of Tanda, Rs. 96, *sale*, maker Wajid, weaver.

* Tanda chintz (*charkhana*), 2 pieces, from Fyzabad in Oudh, exhibited by Fazl Hosein Chaudhri, mohalla Chajjapur, Tanda, Rs. 4-6, *sale*, maker Fazl Hosein.

* Tanda chintz, 1 piece, from Fyzabad in Oudh, exhibited by Fazl Hosein Chaudhri, mohalla Chajjapur, Tanda, Rs. 2, *sale*, maker Fazl Hosein.

* Tanda chintz, 1 piece, from Fyzabad in Oudh, exhibited by Fazl Hosein Chaudhri, mohalla Chajjapur, Tanda, Rs. 2-4, *sale*, maker Fazl Hosein.

* Tanda chintz, 1 piece, from Fyzabad in Oudh, exhibited by Fazl Hosein Chaudhri, mohalla Chajjapur, Tanda, Rs. 2-12, *sale*, maker Fazl Hosein.

* Tanda *dhopchhan*, dhani, from Fyzabad in Oudh, exhibited by Fazl Hosein Chaudhri, mohalla Chajjapur, Tanda, Rs. 2-6, *sale*, maker Fazl Hosein.

* Tanda *tapti*, from Fyzabad in Oudh, exhibited by Fazl Hosein Chaudhri, mohalla Chajjapur, Tanda, Rs. 3-8, *sale*, maker Fazl Hosein.

† Quilt (*lihaf*), from Farukhabad, exhibited by Municipal Committee, Rs. 18-12, *sale*, makers Baji Lal, Gulzari Lal and Sultan Singh.

Counterpane (*palang posh*), from Farukhabad, exhibited by Municipal Committee, Rs. 3-6, *sale*, maker Sultan Singh.

Counterpane (*palang posh*), from Farukhabad, exhibited by Municipal Committee, Rs. 3-12, *sale*, makers Bazi Lal and Gulzari Lal.

Counterpane, 3 pieces, from Farukhabad, exhibited by Municipal Committee, Rs. 10-8, *sale*, makers Bazi Lal and Gulzari Lal.

Fard, 6 pieces, from Farukhabad, exhibited by Municipal Committee, Rs. 21, *sale*, makers Bazi Lal and Gulzari Lal.

Chintz, 2 pieces, from Farukhabad, exhibited by Municipal Committee, Rs. 4, *sale*, maker Baji Lal.

Chintz, 1 piece, from Farukhabad, exhibited by Municipal Committee, Rs. 2-8, *sale*, maker Baji Lal.

Chintz, 1 piece, from Farukhabad, exhibited by Municipal Committee, Rs. 3-4, *sale*, makers Bazi Lal and Gulzari Lal.

Chintz, 1 piece, from Farukhabad. exhibited by Municipal Committee, Rs. 2-4, *sale*, makers Motinam and Bindraban.

Chintz. 1 piece, from Farukhabad, exhibited by Municipal Committee, Rs. 2-8, *sale*, makers Motinam and Bindraban.

Chintz, 1 piece, from Farukhabad, exhibited by Municipal Committee, price not given, *sale*, makers Motinam and Brindaban.

Chintz, 4 pieces, from Farukhabad, exhibited by Municipal Committee, Rs. 9-8, *sale*, maker Salari.

Bedding (*toshak*), from Farukhabad, exhibited by Municipal Committee, Rs. 2-4, *sale*, maker Puran Chand.

Bedding (*toshak*), from Farukhabad, exhibited by Municipal Committee, Rs. 2-6, *sale*, maker Salari.

Bedding (*toshak*), 6 pieces, from Farukhabad, exhibited by Municipal Committee, Rs. 13-8, *sale*, makers Puran Chand and Ikramuddin.

Counterpane, from Farukhabad, exhibited by Municipal Committee, Rs. 2-4, *sale*, maker Ikram-uddin.

* The muslins and cloths of Tanda (Oudh) had a great sale while the Court of Oudh was still flourishing. Evil times have since in various ways fallen on the weavers.

† Farukhabad and Lucknow are the principal seats of the hand-printing calico chintzes. The dyes used are all native and fast, and are stamped on to the cloth, which latter is mostly English. The variety in pattern appears endless. Few of the patterns are wanting in taste, and the bulk are most pleasing and artistic. The process is a lengthy and elaborate one; the cloth after each impression, and each colour is impressed separately, being sent to the dhobi, who fixes the color. The greater part of the year is occupied in the work and *freshly* printed cloths come into the market about October and at no other time. So far the trade not only holds its own against European work, but is said to be increasing.

Counterpane, 5 pieces, from Farukhabad, exhibited by Municipal Committee, Rs. 10-10, *sale*, maker Girdhari.
Counterpane, 3 pieces, from Farukhabad, exhibited by Municipal Committee, Rs. 6-12, *sale*, maker Salari.
Counterpane, 1 piece, from Farukhabad, exhibited by Municipal Committee, Rs. 2-2, *sale*, maker Girdhari.
Counterpane, 2 pieces, from Farukhabad, exhibited by Municipal Committee, Rs. 4-8, *sale*, maker Ikram-uddin.
Coverlid (*toshak*), from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 2-6, *sale*, maker Salari.
Coverlid (*toshak*), 2 pieces, from (Kanauj) Farukhabad, exhibited by Municipal, Committee, Rs. 4-8, *sale*, maker Puran Chand.
Coverlid (*toshak*), 2 pieces, from (Kanuj) Farukhabad, exhibited by Municipal Committee, Rs. 4-4, *sale*, maker Girdhari.
Coverlid (*toshak*), 2 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee Rs. 4-8 *sale* maker Salari.
Lihaf (counterpane), from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 2-6, *sale*, maker Salari.
Lihaf (counterpane), 4 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 13, *sale*, makers Baji Lal and Gulzari Lal.
Lihaf (counterpane), 3 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 10-8, *sale*, makers Baji Lal and Gulzari Lal.
Lihaf (counterpane), 6 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 15, *sale*, makers Baji Lal and Gulzari Lal.
Lihaf (counterpane), 2 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 7, *sale*, maker Baji Lal.
Lihaf (counterpane, 5 pieces, from (Kanauj), Farukhabad, exhibited by Municipal Committee, Rs. 16-4, *sale*, maker Sultan Singh.
Lihaf (counterpane), 1 piece, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 3-8, *sale*, makers Baji Lal and Gulzari Lal.
Lihaf (counterpane, 4 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 12, *sale*, maker, Moti Ram and Bindraban.
Lihaf (counterpane), 1 pieee, from (Kanauj) Farukhabad, exhibited hy Municipal Committee, Rs. 3, *sale*, makers Moti Ram and Bindraban.
Lihaf (counterpane), 1 piece, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 1-12, *sale*, makers Moti Ram and Bindraban.
Lihaf (counterpane), 1 piece, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 2-12, *sale*, maker Moti Ram Bindraban.
Lihaf (counterpane), 2 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 6-8, *sale*, maker Sultan Singh.
Fard, 2 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 3, *sale*, maker Baji Lal and Laghpat Rae.
Fard, 5 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 16-4, *sale*, makers Baji Lal and Gulzari Lal.
Fard, 2 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 4-8, *sale*, makers Baji Lal and Gulzari Lal.
Fard, 1 piece, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 3-4, Baji Lal and Gulzari Lal.
Fard, 1 piece, from (Kanauj Farukhabad, exhibited by Municipal Committee, Rs. 2-4, *sale*, makers Moti Ram and Bindraban.
Fard, 5 pieces, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 7-8, *sale*, Sita Ram and Sham Lal.
Fard, 1 piece, from (Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 2-4, *sale*, makers Moti Ram and Bindraban.
Fard, 1 piece, from (Kanauj) Farukhabad, exhibited by Municipal Committee. Re. 1-6, *sale*, makers Kapur Chand and Samar Chand.
* Chintz, 3 pieces (from Kanauj) Farukhabad, exhibited by Municipal Committee, Rs. 3-6, *sale*, maker Baji Lal.

* These cloths, particularly the 8-thread, are very strong and durable. (Sample Room.)

* 6-thread cloth, 1 piece of 12 yards, from Moradabad, exhibited by Sub-Committee, Moradabad, Rs. 6, *sale*, maker Shams-ud-din, Moradabad.
* Check muslin, 7 pieces, from Moradabad, exhibited by Sub-Committee, Moradabad, Rs. 3-2 to Rs. 4-8, *sale*, maker Shams ud-din, Moradabad.
* 8-thread cloth, 1 piece of 12 yards, from Moradabad, exhibited by Sub-Committee, Moradabad, Rs. 7-8, *sale*, maker Shams-ud-din Moradabad.
* Drill, 13 yards, from Moradabad, exhibited by Sub-Committee, Moradabad, Rs. 3-11, *sale*, maker Jan Mohammed, weaver of Ganj Shah, Safa, Moradabad.
† White cloth, from Etah, exhibited by Rája Sankar Singh, As. 4 per yard, *sale*.
† Red cloth for *lahnga*, from Etah, exhibited by Municipality, Agra, Rs. 2-8, *sale*.
† Yellow cloth for *lahnga*, from Etah, exhibited by Municipality, Agra, Rs. 2-8, *sale*.
† Striped cloth, black, from Etah, exhibited by Municipality, Agra, Rs. 2-8, *sale*.
† Striped cloth, red and yellow, from Etah, exhibited by Municipality, Agra, Rs. 2-8, *sale*.
† Striped cloth, red and green, from Etah, exhibited by Municipality, Agra, Rs. 3, *sale*.
‡ Check cloth, red, from Agra, exhibited by Municipal Committee, as. 11, *sale*.
Check cloth, green, from Agra, exhibited by Municipal Committee, as. 11, *sale*.
Check cloth, red and green, from Agra, exhibited by Municipal Committee, as. 11, *sale*.
Check cloth, purple, from Agra, exhibited by Municipal Committee, as. 14, *sale*.
Striped cloth, 2 pieces, from Agra, exhibited by Municipal Committee, Rs. 2, *sale*.
Striped cloth, red, from Agra, exhibited by Municipal Committee, Re. 1-4, *sale*.
Striped cloth, green, from Agra, exhibited by Municipal Committee, Re. 1-5, *sale*.
Striped cloth, purple, from Agra, exhibited by Municipal Committee, Re 1-2, *sale*.
Sheet, yellow, from Agra, exhibited by Municipal Committee, as. 10, *sale*.
Sheet purple, from Agra, exhibited by Municipal Committee, as. 11, *sale*.
Sheets, 2 pieces, from Agra, exhibited by Municipal Committee, Rs. 2, *sale*.
Sheet, from Agra, exhibited by Municipal Committee, Re. 1, *sale*.
Lahnga cloth for native women, from Agra, exhibited by Municipal Committee, Re. 1-10, *sale*.
Lahnga cloth, 3 pieces, from Agra, exhibited by Municipal Committee, Rs. 4-8, *sale*.
Lahnga cloth, 2 pieces, from Agra, exhibited by Municipal Committee, Rs. 2-14, *sale*.
Lahnga cloth, 2 pieces, from Agra, exhibited by Municipal Committee, Re. 1-6, *sale*.
Lahnga cloth, 2 pieces, from Agra, exhibited by Municipal Committee, Rs. 2-14, *sale*.
Fards (white), from Lucknow, exhibited by Jagannath, Raghan Parshad, Yahiaganj, Rs. 36-9, *sale*, maker Jagannath, Ragan Parshad.
Fards (white), from Lucknow, exhibited by Lalji Mal, Jagannath, Dogawan, Rs. 17-10, *sale*, maker Lalji Mal, Jagannath.
Fards (white), from Lucknow, exhibited by Lalji Mal, Jagannath, Dogawan, Rs. 21-6, *sale*.
Fards (white), from Lucknow, exhibited by Nandu Mal, Sankari Tola, Rs. 52-4, *sale*, maker Nandu Mal.
Chunri (red), from Lucknow, exhibited by Janu, Saadatganj, Rs. 5-4, *sale*, maker Janu.

* These cloths, particularly the 8-thread, are very strong and durable. (Sample Room.)
† (Sample Room.)
‡ This manufacture is carried on in Nai Mandi and Guzri Mansur, muhallas of Agra, and gives livelihood to more than 1,000 men. The thread is made at Agra. There is a considerable wholesale export trade and a large local retail trade in it. The average profit is about 3 per cent. The wages earned by the workmen are about 2 annas a day. Both Hindus (Kolis) and Muhammadans (Julahas) are employed in it, and it has been carried on in Agra for centuries. The trade received a very great impetus by the opening of the railway.

Chintz, different colors, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 8-1, *sale*, maker Jagannath.
Chintz, different colors, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 2-2, *sale*, maker Jagannath.
Chintz, different colors, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 2-11, *sale*, maker Jagannath.
Chintz, rose color, from Lucknow, exhibited by Kasim Ali, Rs. 2-6, *sale*, maker Jagannath.
Chintz, white color, from Lucknow, exhibited by Kasim Ali, Rs. 2-2, *sale*, maker Jagannath.
Fard, white, from Lucknow, exhibited by Jagarnath, Yahiaganj, Rs. 17-10, *sale*, maker Jagannath.
Fard, white, from Lucknow, exhibited by Jagarnath, Yahiaganj, Rs. 26-4, *sale*, maker Jagannath.
Toshak, white, from Lucknow, exhibited by Jagarnath, Yahiaganj, Rs. 2-10, *sale*, maker Jagannath.
Chintz, white, from Lucknow, exhibited by Kasim Ali, Chapatian, Rs. 2-2, *sale*, maker Kasim Ali.
Chintz, rose, from Lucknow, exhibited by Kasim Ali, Chapatian, Rs. 2-6, *sale*, maker Kasim Ali.
Quilt, almond color, from Lucknow, exhibited by Kasim Ali, Chapatian, Rs. 3-3, *sale*, maker Kasim Ali.
Quilt, aloe color, from Lucknow, exhibited by Kasim Ali, Chapatian, Rs. 3-3, *sale*, maker Kasim Ali.
Muslin (unwashed), *adhi*, from Lucknow, exhibited by Mahab Ali, Mahmudnagar, Rs. 2-11, *sale*, maker Mahab Ali.
Muslin (unwashed) *adhi*, from Lucknow, exhibited by Mahab Ali, Mahmudnagar, Rs. 2-6, *sale*, maker Mahab Ali.
Muslin (unwashed), *malmal*, from Lucknow, exhibited by Bakar, Mahmudnagar, Rs. 8-8, *sale*, maker Bakar.
Muslin striped *doria*, from Lucknow, exhibited by Bakar, Mahmudnagar, Rs. 9-10, *sale*, maker Bakar.
Muslin *doria*, washed, from Lucknow, exhibited by Bakar, Mahmudnagar, Rs. 12-12, *sale*, maker Bakar.
Muslin *doria*, washed, from Lucknow, exhibited by Bakar, Mahmudnagar, Rs. 4-4, *sale*, maker Bakar.
Muslin *sharbati*, from Lucknow, exhibited by Bakar, Mahmudnagar, Rs. 14-14, *sale*, maker Bakar.
Muslin *sharbati*, from Lucknow, exhibited by Bakar, Mahmudnagar, Rs. 12-12, *sale*, maker Bakar.
Muslin striped *doria*, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 25-8, *sale*, maker Hafiz Najju.
Muslin *tarandam*, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 17, *sale* Hafiz Najju.
Muslin (20 yards), *malmal*, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 9-9, *sale*, maker Hafiz Najju.
Muslin (*adhi*), from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 11-4, *sale*, maker Hafiz Najju.
Muslin (*adhi*), from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 3-12, *sale*, maker Hafiz Najju.
Muslin *malmal*, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 11-12, *sale*, maker Hafiz Najju.
Muslin *malmal*, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 15, *sale*, maker Hafiz Najju.
Muslin *malmal*, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 6-6, *sale*, maker Hafiz Najju.
Muslin (*sharbati*), from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 22-5, *sale*, maker Hafiz Najju.
Muslin (washed), from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 12-12, *sale*, maker Hafiz Najju.

Muslin, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 4-4, *sale*, maker Hafiz Najju.
Upper fold of a quilt, red (*lihaf*), from Lucknow, exhibited by Kudrat Ali, Ranikata, Rs. 3-3, *sale*, maker Kudrat Ali.
Native skirt cloth, from Lucknow, exhibited by Mata Din, Hussainganj, Re. 1-5, *sale*, maker Mata Din.
Native skirt cloth, from Lucknow, exhibited by Mata Din, Hussainganj, Re. 1-4, *sale*, maker Mata Din.
Muslin (*sharbati*), from Lucknow, exhibited by Jugal Kishore Kundan Lal, Yahiaganj, Rs. 3-7, *sale*, maker Jugal Kishore Kundan Lal.
Muslin (*sharbati*), from Lucknow, exhibited by Jugal Kishore Kundan Lal, Yahiaganj, Rs. 2-15, *sale*, maker Jugal Kishore Kundan Lal.
Muslin (*sharbati*), from Lucknow, exhibited by Jugal Kishore Kundan Lal, Yahiaganj, Rs. 2-11, *sale*, maker Jugal Kishore Kundan Lal.
Fards, white, from Lucknow, exhibited by Bulahi Pir-khanki-garhi, Rs. 8-8, *sale*, maker Bullaki.
Chintz, almond color, from Lucknow, exhibited by Babuji Behari Lal, Kalkaji-ka-bazar, Rs. 2-15, *sale*, maker Babuji Behari Lal.
Palang-posh, red, from Lucknow, exhibited by Babuji Behari Lal, Kalkaji-ka-bazar, Rs. 3-7, *sale*, maker Babuji Behari Lal.
Fard, ash color, from Lucknow, exhibited by Babuji Behari Lal, Kalkaji-ka-bazar, Rs. 2-8, *sale*, maker Babuji Behari Lal.
Fard, white, from Lucknow, exhibited by Babuji Behari Lal, Kalkaji-ka-bazar, Rs. 5, *sale*, maker Babuji Behari Lal.
Fard, different colors, from Lucknow, exhibited by Jaggannath Raghu Parshad, Yahiaganj, Rs. 25-5, *sale*, maker Jagannath Raghu Parshad.
Fard, rose color, from Lucknow, exhibited by Jagannath Raghu Parshad, Yahiaganj, Re. 1-14, *sale*, maker Jagannath, Raghu Parshad.
Upper fold of a quilt, white, from Lucknow, exhibited by Jagannath Raghu Parshad, Yahiaganj, Rs. 3-3, *sale*, maker Jagannath Raghu Parshad.
Upper (*hashia safed*), from Lucknow, exhibited by Jagannath Raghu Parshad, Yahiaganj, Rs. 2-11, *sale*, maker Jagannath Raghu Parshad.
Upper different colors, from Lucknow, exhibited by Jagannath Raghu Parshad, Yahiaganj, Rs. 6-6, *sale*, maker Jagannath Raghu Parshad.
Fards, white, from Lucknow, exhibited by Nandu Mall, Sankari Tola, Rs. 21-6, *sale*, maker Nandu Mall.
Fards, from Lucknow, exhibited by Nandu Mall, Sankari Tola, Rs. 10-12, *sale*, maker Nandu Mall.
Fards, almond color, from Lucknow, exhibited by Nundu Mall, Sankari Tola, Rs. 3-3, *sale*, maker Nandu Mall.
Fards, ash color, from Lucknow, exhibited by Nandu Mall, Sankari Tola, Rs. 3-3, *sale*, maker Nandu Mall.
Fards, pale almond colors, from Lucknow, exhibited by Nandu Mall, Sankari Tola, Rs. 8-1, *sale*, maker Nandu Mall.
Fards, different colors, from Lucknow, exhibited by Nandu Mall, Sankari Tola, Rs. 3-4, *sale*, maker Nandu Mall.
Chintz, different colors, from Lucknow, exhibited by Nandu Mall, Sankari Tola, Rs. 8-1, *sale*, maker Nandu Mall.
Upper fold of a quilt, different colors, from Lucknow, exhibited by Nandu Mall, Sankari Tola, Rs. 11-4, *sale*, maker Nandu Mall.
Upper fold of a quilt, white colors, from Lucknow, exhibited by Nandu Mall, Sankari Tola, Rs. 10-5, *sale*, maker Nandu Mall.
Chintz of different colors, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 13-7, *sale*, maker Jagannath.
Fards, different colors, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 63-12, *sale*, maker Jagannath.
Upper folds of quilt, different colors, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 1 4, *sale*, maker Jagannath.
Bed-covers (*palang-posh*), from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 7-8, *sale*, maker Jagannath

Fards of different colors, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 8-13, *sale*, maker Jagannath.

Fards, white, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 2-11, *sale*, maker Jagannath.

Upper fold of a quilt, 16 colors, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 3-12. *sale*, maker Jagannath.

Upper fold of a quilt, yellow, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 3-3, *sale*, maker Jagannath.

Fards, white, from Lucknow, exhibited by Jagannath, Raghu Parshad, Yahiaganj, Rs. 7-5, *sale*, makers Jagannath, Raghu Parshad.

Fards, white, from Lucknow, exhibited by Lalji Mal, Jagannath Dogawan, Rs. 2-6, *sale*, makers Lalji Mal, Jagannath.

Sarbati (washed), from Lucknow, exhibited by Muhammad Ali, Yahiaganj, Rs. 4-4, *sale*, maker Muhammad Ali.

Sharbati muslin, striped, 4 pieces, from Lucknow, exhibited by Muhammad Ali, Yahiaganj, Rs. 21-4, *sale*, maker Muhammad Ali.

Chunri, red, from Lucknow, exhibited by Jannu, Saadatganj, Re. 1-9, *sale*, maker Jannu.

16 pieces of chintz, from Lucknow, exhibited by Jagannath, Yahiaganj, Rs. 9-6, *sale*, Jagannath.

Fard, rose color, from Lucknow, exhibited by Lalji, Jagannath, Rs. 3-7, *sale*, makers Lalji, Jagannath.

Fard, aloe color, from Lucknow, exhibited by Lalji, Jagannath, Rs. 2-15, *sale*, makers Lalji, Jagannath.

Fard, pale rose color, from Lucknow, exhibited by Lalji, Jagannath, Rs. 2-15, *sale*, makers Lalji, Jagannath.

CLASS XXXIX.—WOOL FABRICS.

* Blankets, 2 pieces, from Muzaffarnagar, exhibited by Lala Nihal Chand, *Rais* of Muzaffarnagar, Rs. 12, *sale*, maker Thakuri, Gadaria.

* Blanket (black), from Meerut, exhibited by District Committee, Meerut, Rs. 8, *sale*, maker Mir Bakhsh of Naipuria, Meerut.

* Blanket, 7′×7′, from Meerut, exhibited by Superintendent, Central Prison, Rs. 4-14-9, *sale*, maker Jail labour.

* Blanket, 4, from Jhánsi, exhibited by District Committee, Jhánsi, Rs. 8, *purchase*, maker Gopia, Gadaria of Bhandari, Jhánsi.

CLASS XL.—SILK FABRICS.

† 2 pieces of silk ribbon, from Benares, exhibited by Municipal Committee, Benares, Rs. 10, *sale*.

Pitambar, yellow silk cloth, worn like a dhoti round the waist, from Benares, exhibited by Behari Lal of Benares, Rs. 9, *sale*.

Pitambar of green silk, worn like a dhoti round the waist, from Benares, exhibited by Behari Lal of Benares, Rs. 9, *sale*.

Pitambar, violet color, from Benares, exhibited by Behari Lal of Benares, Rs. 12, *sale*.

Pitambar of red silk, from Benares, exhibited by Behari Lal of Benares, Rs. 14, *sale*.

Pitambar, with *chadar* embroidered, from Benares, exhibited by Bhola Sahu, Rs. 54-8, *sale*.

Sari of violet color with gold embroidery, used by females, from Benares, exhibited by Bhola Sahu, Rs. 57-8, *sale*.

Dupatta Banarsi, *baigani* (violet colored), an embroidered piece of head-gear for Indian women, from Benares, exhibited by Kanhaiya Lal and Babbu Mall, Rs. 315, *sale*.

* (Sample Room).

† Worn by Bengalis round the neck; inscribed on it is a prayer from the Bhagvat Gita.

Mashru, a piece of silk chiefly used for female under-garments, from Benares exhibited by Kanhaiya Lal and Babbu Mall, Rs. 31-8, *sale*.

Gulbadan, a piece of dark silk used as above, from Benares, exhibited by Kanhaiya Lal and Babbu Mall, Rs. 10-8 *sale*.

Sangi, a piece of silk violet colored and emboidered, used for female under-garments, from Benares, exhibited by Kanhaiya Lal and Babbu Mall, Rs. 21, *sale*.

12 silk handkerchiefs of different colors, from Benares, exhibited by Balbhadr Das, brocade merchant, Rs. 17-8, *sale*, maker same as exhibitor.

Six small scarfs of different colors, from Benares, exhibited by Balbhadr Das, brocade merchant, Rs. 31, *sale*, maker same as exhibitor.

A pair of gold embroidered table mats, green, from Benares, exhibited by Balbhadr Das, brocade merchant, Rs. 84, *sale*, maker same as exhibitor.

Table mat, gold embroidered, blue, from Benares, exhibited by Balbhadr Das, brocade merchant, Rs. 39-8, *sale*, maker same as exhibitor.

Table mat, silver embroidered, blue, from Benares, exhibited by Balbhadr Das, brocade merchant, Rs. 37-8, *sale*, maker same as exhibitor.

* Striped cloth, green, from Agra, exhibited by Municipal Committee, Rs. 10, *sale*, maker same as exhibitor.

Striped cloth, purple, from Agra, exhibited by Municipal Committee, Rs. 10-8, *sale*.

Striped yellow, from Agra, exhibited by Municipal Committee, Rs. 11, *sale*.

Striped light purple, from Agra, exhibited by Municipal Committee, Rs. 11, *sale*.

Striped red, from Agra, exhibited by Municipal Committee, Rs. 11-8, *sale*.

Silk cloth, green, 1 piece of 10 yards, from Agra, exhibited by Municipal Committee, Rs. 7, *sale*.

Silk cloth, red, 1 piece of 10 yards, from Agra, exhibited by Municipal Committee, Rs. 7, *sale*.

Silk cloth, white, 1 piece of 10 yards, from Agra, exhibited by Municipal Committee, Rs. 7, *sale*.

Silk cloth, *jababi* color, 1 piece of 10 yards, from Agra, exhibited by Municipal Committee, Rs. 7, *sale*, maker same as exhibitor.

Silk cloth, black, from Agra, exhibited by Municipal Committee, Rs. 7, *sale*, maker same as exhibitor.

Check cloth, green, from Agra, exhibited by Municipal Committee, Rs. 8, *sale*, maker same as exhibitor.

Check cloth, purple, from Agra, exhibited by Municipal Committee, Rs. 8, *sale*, maker same as exhibitor.

Check cloth, 5-colored, from Agra, exhibited by Municipal Committee, Rs. 8, *sale*, maker same as exhibitor.

Striped cloth, purple, from Agra, exhibited by Municipal Committee, Rs. 7, *sale*, maker same as exhibitor.

Striped cloth, green, from Agra, exhibited by Municipal Committee, Rs. 7-8, *sale*, maker same as exhibitor.

CLASS XLIII.—MIXED FABRICS.

† Satin, 2 pieces, from Azamgarh, exhibited by Government, North-Western Provinces and Oudh, Rs. 72-8, *purchased*, maker Shaikh Karim Baksh, Satin merchant, Azamgarh.

* The trade in silk cloths is carried on in muhalla Naya mandi in Agra, and about 300 men and women are employed in it. The average price of a piece of susi (striped cloth) is Rs. 10, and that of dariai 10 annas a yard. The silk is imported from the Punjab and Rampur Baulia. The cloth is exported all over India, as well as sold in retail, in great quantities. The average profit is about 5 per cent, and the wages of the workmen 3 annas a day The trade is in the hands of the Muhammadans, and is declining on account of the competition with European article.

† The Azamgarh satinettes are of two kinds, called *sangi*, or *tasar* and cotton mixed, and *gutter*, or silk and cotton. The origin of the manufacture dates so far back as 1565 A.D. The ordinary country loom is used. The number of hands employed in weaving a piece is from 6 to 7 The value of the annual outturn is estimated at from 3 to 4 lakhs of rupees.

Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-8, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 7-4, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3-15, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3-15, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 4-12-6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 4-12-6, *sale*, maker same as exhibitor.
Satin, red, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs 13-8, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 6-8 *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh., Rs. 8, *sale*, maker same as exhibitor.
Satin, red, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 1, *sale*, maker same as exhibitor.
Satin, *dharidar*, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 11, *sale*, maker same as exhibitor.
Satin, *patridar*, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 8, *sale*, maker same as exhibitor.
Satin, *patridar*, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 8, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3-6, *sale*, maker same as exhibitor.
Satin, brown, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 19-8, *sale*, maker same as exhibitor.
Satin, blue, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 26, *sale*, maker same as exhibitor.
Satin, cream, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 33-12, *sale*, maker same as exhibitor.
Satin, yellow, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 28, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3-15, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3-12, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 8. *sale* maker same as exhibitor.
[illegible] garh, exhibited by Shaik Karim Baksh, Satin merchant, [illegible] *sale*, maker same as exhibitor.
Satin, [illegible] ibited by Shaik Karim Baksh, Satin merchant, Azamgarh, [illegible] aker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 7-4, *sale*, maker same as exhibitor.

Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5, *sale*, maker as same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-10, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 4-6, *sale*, maker same as exhibitor.
Satin (*mattia*), from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3-12, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3-12, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 4-6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-8, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-8, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-1, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-1, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 4-12, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 4-12-6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 6, *sale*, maker same as exhibitor.
Satin, red, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-1, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-1, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaikh Karim Baksh, Satin merchant, Azamgarh, Rs 4-12-6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 4-12-6, *sale*, maker same as exhibitor
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-4, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-4, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 4-3-6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs 4-3-6, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 3-6, *sale*, maker same as exhibitor.
Satin, yellow, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 33-12, *sale*, maker same as exhibitor.
Satin, orange coloured, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 19-8, *sale*, maker same as exhibitor.
Satin, black, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 18-9, *sale*, maker same as exhibitor.
Satin (*mattia*), from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 5-8, *sale*, maker same as exhibitor.
Satin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 22-8, *sale*, maker same as exhibitor.

atin (rose colored), from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 40-4, *sale*, maker same as exhibitor.

atin (*manakash*), from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 27, *sale*, maker same as exhibitor.

atin (white), from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 23-10, *sale*, maker same as exhibitor.

atin (cream), from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 31-15, *sale*, maker same as exhibitor.

atin, from Azamgarh, exhibited by Shaik Karim Baksh, Satin merchant, Azamgarh, Rs. 31-15, *sale*, maker same as exhibitor.

Pirda, a large mat of green velvet ground brocade work, from Benares, exhibited by Amir Khan, Benares, Rs. 84, *sale*, maker same as exhibitor.

Kinkhab, gold, rose coloured, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 351, *sale*, maker same as exhibitor.

Kinkhab, black, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 351, *sale*.

Kinkhab, purple, from, Benares exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 258, *sale*.

Kinkhab, white, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 351, *sale*.

Cushion, embroidered with gold, black, from Benares, exhibited by Baldhadar Das, Brocade merchant, Benares, Rs. 22. *sale*.

Cushion, purple, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 22, *sale*.

Cushion, white, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 22, *sale*.

Cushion, embroidered with silver, white, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 21, *sale*.

Cushion, embroidered with silver, black, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 21, *sale*.

Cushion, white enamelled work, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 21, *sale*.

Kinkhab, border gold, black, with 7 stripes, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 147, *sale*.

Kinkhab, border red, with 8 stripes, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 126, *sale*.

Kinkhab, border silver, black and white, with 6 stripes, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 87-8, *sale*.

Dress piece, black and gold, 15 yards, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 47-8, *sale*.

Dress piece, 20 yards, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 76-4, *sale*.

Dress, white and gold, 15 yards, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 76-4, *sale*.

Three specimens of sash of different colours, embroidered with gold, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 102, *sale*.

Two shawls of different colours, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 113, *sale*.

Two shawls of different colours, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 197, *sale*.

Pagris, 8 pieces of different colours, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 38, *sale*.

Waist-bands, 3 pieces, white, red, and ash colour, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 29-12, *sale*.

* Benares is the seat of the most important silk-weaving industry in the provinces, and its embroidered silks and brocades are world-famous. The brocades are woven of silk and silver or silver-gilt threads so displayed as to form patterns, the texture varying greatly, and the value of the fabric depending greatly on the amount of silver thread used. It is estimated that upwards of 2,750 workmen find employment at this beautiful art.

ixteen neckties of different colors, from Benares, exhibited by Balbhadar Das, Brocade merchant, Benares, Rs. 50-8, *sale*, maker same as exhibitor.

Kinkhab, butedar, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 130, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, jungla, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 125, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, juldar, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 145, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, jungla, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla, Hanuman phatak, Benares, Rs. 135, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, butidar, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 135, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, mina, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 300, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, waskat, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 150, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, sanjaf, 2½ yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 250, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, waskat mina, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 125, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, jungla, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 310, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, waskat mina, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 475, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, butidar badleka, 2½ yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 300, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, shikargah, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 825-9, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, jangla mina, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 500, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, ara, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 150, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, butidar, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Mojid, mohalla Hanuman phatak, Benares, Rs. 80, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, juldar, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 120, *sale*, makers Haji Azimulla and Hafiz Abdul Majid.

Kinkhab, jungla mina, 5 yards, from Benares, exhibited by Haji Azimulla and Hafiz Abdul Majid, mohalla Hanuman phatak, Benares, Rs. 150, *sale*, makers Haji Azimulla and Hafiz Abdul Mujid.

Kinkhab, julmina, 5 yards, from Benares, exhibited by Haji Azimulla, mohalla Hanuman phatak, Benares, Rs. 200, *sale*, maker Haji Azimulla.

Kinkhab, tasi baddm, 5 yards, from Benares, exhibited by Haji Azimulla, mohalla Hanuman phatak, Benares, Rs. 275, *sale*, maker Haji Azimulla.

Kinkhab, butidár, 5 yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 225, *sale*, maker Háji Azim-ul-la.
Kinkhab, beldár, 5 yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 175, *sale*, maker Háji Azim-ul-la.
Kankhab, ara, 5 yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 145, *sale*, maker Háji Azim-ul-la.
Kinkhab, ara, 5 yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 140, *sale*, maker Háji Azim-ul-la.
Kinkhab, beldár, 5 yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 160, *sale*, maker Háji Azim-ul-la.
Kinkhab, julmina, 5 yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 200, *sale*, maker Háji Azim-ul-la.
Kinkhab, jaljangla, 5 yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 300, *sale*, maker Háji Azim-ul-la.
Kinkhab, jangla 5, yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 200, *sale*, maker Háji Azim-ul-la.
Kinkhab, sanjáf, 2½ yards, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 145, *sale*, maker Háji Azim-ul-la.
Doputta Banársi jáldár, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 210, *sale*, maker Háji Azim-ul-la.
Doputta jhardár, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 150, *sale*, maker Háji Azim-ul-la.
Sári Banársi jáldár, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 150, *sale*, maker Háji Azim-ul-la.
Sári Banársi, aribel, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs 80, *sale*, maker Háji Azim-ul-la.
Sári Banársi, jáldár, from Benares, exhibited by Háji Azim-ul-la, muhalla Hunumán phátak, Benares, Rs. 85, *sale*, maker Háji Azim-ul-la.
Tásh used in the nuptial ceremony of the Hindus, from Benares, exhibited by Háji Azim-ulla, muhalla Hunumán phátak, Benares, Rs. 80, *sale*, maker Háji Azim-ulla.
Tásh used in the nuptial ceremony of the Hindus, from Benares, exhibited by Háji Azim-ulla, muhalla Hunumán phátak, Benares, Rs. 18, *sale*, maker Háji Azim-ulla.
Kanthas, 61, from Benares, exhibited by Háji A[illegible] alla Hunumán phátak, Benares, Rs. 15, *sale*, maker Háji Az[illegible]
* Striped cloth, red and black, from Agra, exhibite[illegible]unicipal Committee, Agra, Rs. 6, *sale*.
Striped cloth, yellow, from Agra, exhibited by Municipal [illegible]mmittee, Agra, Rs. 6, *sale*.
Striped cloth, green, from Agra, exhibited by Municipal Committee, Agra, Rs. 6, *sale*.
Striped cloth, purple, from Agra, exhibited by Municipal Committee, Agra, Rs. 6, *sale*.
Check cloth, from Agra, exhibited by Municipal Committee, Agra, Rs. 6, *sale*.
Check *jujabi* color, from Agra, exhibited by Municipal Committee, Agra, Rs. 6, *sale*.

CLASS XLV.—FANCY WORK AND EMBROIDERY.

† Turban, from Lalitpur, exhibited by District Committee, Lalitpur, Rs. 12, *purchased*.

* The trade is carried on in muhalla Nai Mandi in Agra by the same people who manufacture the silk cloth referred to in class 40. The average price of this kind of cloth is Rs. 5-8 a piece. The materials are procured from the local markets. The trade in mixed stuffs is much larger than that in pure silk. The average profit is about 5 per cent., and the wages of the men employed are 3 annas per day. The trade is in the hands of the Muhammadans and is on the increase.

† Bought from Ganga Kori of Chanderi, a town in the Gwalior State, 21 miles from Lalitpur. Chanderi was in former days very famous for its fine muslins. This kind of work is carried on by Koris and Muhammadans.

Handkerchiefs, 1 dozen, from Lalitpur, exhibited by District Committee, Lalitpur, Rs. 11-11, *purchased*.
* Belts of different colors, 4 dozens, from Agra, exhibited by Municipal Committee Agra, Rs. 20, *sale*.
Belts of different colors, 3 dozens, from Agra, exhibited by Municipal Committee, Agra, Rs. 18, *sale*.
Bells of different colors, 3 dozens, from Agra, exhibited by Municipal Committee, Agra, Rs. 16-8, *sale*.
Belts of different colors, 4 dozens, from Agra, exhibited by Municipal Committee, Agra, Rs. 30, *sale*.
Belt, green, 1 dozen, from Agra, exhibited by Municipal Committee, Agra, Rs. 2-4, *sale*.
Belts, 1 white and 1 green, 2 dozens, from Agra, exhibited by Municipal Committee, Agra, Rs. 14, *sale*.
Belts, purple, 2 dozens, from Agra, exhibited by Municipal Committee, Agra, Rs. 9, *sale*.
Waistcoat, embroidered, from Agra, exhibited by Municipal Committee, Agra, Rs. 30, *sale*.
Necklaces, 18 dozens, from Agra, exhibited by Municipal Committee, Agra, 10 annas each, *sale*.
Chain, 6 yards, at As. 10 per yard, from Agra, exhibited by Municipal Committee, Agra, Rs. 4-2, *sale*.
Chain, triple, 3 yards, at Re. 1-4 per yard, from Agra, exhibited by Municipal Committee, Agra, Rs. 7-14, *sale*.
Chain, flower pattern, 6 yards, at As. 13 per yard, from Agra, exhibited by Municipal Committee, Agra, Rs. 5-14, *sale*.
Chain, single, 6 yards, at As. 5 per yard, from Agra, exhibited by Municipal Committee, Agra, Rs. 2-4, *sale*.
String, red, 8 yards, at As. 2 per yard, from Agra, exhibited by Municipal Committee, Agra, Re. 1-4, *sale*.
String, white, 9 yards, at As. 2 per yard, from Agra, exhibited by Municipal Committee, Agra, Rs. 1-2, *sale*.
† Shawl, black, of silk and gold, from Agra, exhibited by Municipal Committee, Agra, Rs. 40, *sale*.
An umbrella with gold lace, from Agra, exhibited by Municipal Committee, Agra, Rs. 150, *sale*.
‡ A prayer-bag (*gaumukhi*) with an image of Mahádeva, from Benares, exhibited by Municipal Committee, Benares, Rs. 4, *sale*.
Gaumukhi Rádha Krishna, from Benares, exhibited by Municipal Committee, Benares, Rs. 3, *sale*.
Gaumukhi, from Benares, exhibited by Municipal Committee, Benares, Re. 1-4, *sale*.
Earring, gilt, and worn only in one ear, from Benares, exhibited by Municipal Committee, Benares, As. 12, *sale*.
A pair of earrings of brass (*karnphul jhumka*) gilt with gold, from Benares, exhibited by Municipal Committee, Benares, Re. 1, *sale*.
Bandi, a fillet worn by women round the forehead, from Benares, exhibited by Municipal Committee, Benares, Rs. 2-8, *sale*.
Necklace (*chik*), from Benares, exhibited by Municipal Committee, Benares, Re. 1-4, *sale*.

* The trade in belts is carried on in Nehchabandan bázár in Agra, and gives employment to about 100 persons. The price varies from annas 2 to Rs. 10 each. The materials are procured from the local markets, except that silk is imported from the Panjab and Rampore Baulia. There a large wholesale export trade, much of which goes to Gwalior and Rájputána. The average profit is 4 per cent., and the wages of workmen is Re. 0-2-6 per day. The trade has been carried on for centuries, but is now falling off.

† This is an imitation of Panjáb work. Caps and small coats of this style are to be had ready-made at Agra.

‡ So called from its resemblance with the mouth of a cow, into which the worshipper puts his hand whilst muttering his prayers.

Sample of muslin work, from Benares, exhibited by Abdurrahim, weaver, *loan*, maker same as exhibitor.

Quilted cloth, Kashmír made, from Farukhabad, exhibited by Pandit Lachhmi Náyan, *loan*.

Lucknow Chikan Work, and Embroidery.

Piece of *chikan*, with cross stripes, from Lucknow, exhibited by Hargobind Mohan Lal, Rustogi Tola, Rs. 12-9, *sale*, maker Hargobind Mohan Lal.

Piece of *chikan*, with cross-stripes, from Lucknow, exhibited by Hargobind Mohan Lal, Rustogi Tola, Rs. 12-2, *sale*, maker Hargobind Mohan Lal.

Piece of *chikan*, with cross stripes, from Lucknow, exhibited by Hargobind Mohan Lal, Rustogi Tola, Rs. 14-9, *sale*, maker Hargobind Mohan Lal.

Piece of *chikan*, with cross stripes flowered, from Lucknow, exhibited by Hargobind Mohan Lal, Rustogi Tola, Rs. 8-15, *sale*, maker Hargobind Mohan Lal.

Piece of *chikan*, from Lucknow, exhibited by Parshadi Lal, Rs. 15-15, *sale*, maker Parshadi Lal.

Chikan than, from Lucknow, exhibited by Parshadi Lal, Rs. 1-1, *sale*, maker Parshadi Lal.

Chikan banian (*kurta*), from Lucknow, exhibited by Parshadi Lal, Rs. 7-7, *sale*, maker Parshadi Lal.

Chikan coat, from Lucknow, exhibited by Parshadi Lal, Rs. 15-15, *sale*, maker Parshadi Lal.

Piece of *chikan than*, from Lucknow, exhibited by Mohan Lal Ashrafabad, Rs. 6-6, *sale*, maker Mohan Lal.

Piece of *chikan than*, from Lucknow, exhibited by Mohan Lal, Ashrafabad, Rs. 5-5, *sale*, maker Mohan Lal.

Piece of *chikan sari*, from Lucknow, exhibited by Mohan Lal, Ashrafabad, Rs. 6-6, *sale*, maker Mohan Lal.

Chikan worked collar (*kantha*), from Lucknow, exhibited by Murli, Chowk, Rs. 3-3, *sale*, maker Murli.

Chikan pan, from Lucknow, exhibited by Murli, Chowk, Rs. 2-2, *sale*, maker Murli.

Chikan waistcoat, from Lucknow, exhibited by Murli, Chowk, Rs. 3-3, *sale*, maker Murli.

Chikan handkerchief, from Lucknow, exhibited by Murli, Chowk, Rs. 5-5, *sale*, maker Murli.

A piece of *chikan* work, from Lucknow, exhibited by Murli, Chowk, Rs. 12-12, *sale*, maker Murli.

Than of *chikan*, from Lucknow, exhibited by Manohar Das, Ashrafabad, Rs. 5-5, *sale*, maker Manohar Das.

Than of *chikan*, from Lucknow, exhibited by Ashiq Ali, Bagh Kazi, Rs. 8-8, *sale*, maker Ashiq Ali.

Than of *chikan*, from Lucknow, exhibited by Ashiq Ali, Bagh Kazi, Rs. 5-5, *sale*, maker Ashiq Ali.

Than of *chikan*, flowered (tepchi) from Lucknow, exhibited by Ashiq Ali, Bagh Kazi, Rs. 5-5, *sale*, maker Ashiq Ali.

Than of (*phunda*) *chikan*, from Lucknow, exhibited by Ashiq Ali, Bagh Kazi, Rs. 4-4, *sale*, maker Ashiq Ali.

Than of *chikan* (*phunda*), from Lucknow, exhibited by Nanhé Mall, Sondhi Tola, Rs. 79-1, *sale*, maker Nanhé Mall.

Than of *chikan*, striped, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 9-9, *sale*, maker Hafiz Najju.

Than of *chikan*, cross striped, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 9-9, *sale*, maker Hafiz Najju.

Than of *chikan* (*gitti*), from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 9-9, *sale*, maker Hafiz Najju.

Than of *chikan* cross striped, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 10-10, *sale*, maker Hafiz Najju.

Than of *chikan* flowered (*phunda*), from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 8-8, *sale*, maker Hafiz Najju.

Than of *chikan* flowered (*phunda*), from Lucknow, exhibited by Baqar Mahmudnagar, Rs. 11-11, *sale*, maker Bequar.

Than of *chikan* flowered (*phunda*), from Lucknow, exhibited by Alla Baksh, Bagh Kazi, Rs. 6-6, *sale*, maker Alla Baksh.

Than of *chikan* cross striped, from Lucknow, exhibited by Alla Baksh, Bagh Kazi, Rs. 8-8, *sale*, maker Alla Baksh.

Than of *chikan* flowered (*murri*), from Lucknow, exhibited by Alla Baksh, Bagh Kazi, Rs. 8-8, *sale*, maker Alla Baksh.

Than of *chikan* (*tepchi*), from Lucknow, exhibited by Alla Baksh, Bagh Kazi, Rs. 8-8, *sale*, maker Alla Baksh.

Than of *chikan* cross striped (*gitti*), from Lucknow, exhibited by Alla Baksh, Bagh Kazi, Rs. 15-15, *sale*, maker Alla Baksh.

Than of *chikan* flowered (*phunda*), from Lucknow, exhibited by Badri Das, Bahoran Tota, Rs. 8, *sale*, maker Badri Das.

Than of *chikan* flowered (*phunda*), from Lucknow, exhibited by Badri Das, Bahoran Tota, Rs. 9-13, *sale*, maker Badri Das.

Than of *chikan* cross striped (*gitti*), from Lucknow, exhibited by Badri Das, Bahoran Tota, Rs. 6-10, *sale*, maker Badri Das.

Than of *chikan* flowered, from Lucknow, exhibited by Badri Das, Bahoran Tota, Rs. 5-1, *sale*, maker Badri Das.

Than of *chikan* striped, from Lucknow, exhibited by Badri Das, Bahoran Tota, Rs. 9-5, *sale*, maker Badri Das.

Than of *chikan* with gold embroidered flowers, from Lucknow, exhibited by Badri Das, Bahoran Tota, Rs. 36-2, *sale*, maker Badri Das.

Sari chikan worked, from Lucknow, exhibited by Badri Das, Bahoran Tota, Rs. 7-3, *sale*, maker Badri Das.

Embroidered *than* (*kamdani*), from Lucknow, exhibited by Manohar Das, Ashrafabad, Rs. 7-1, *sale*, maker Manohar Das.

Embroidered *than* (*kamdani*), from Lucknow, exhibited by Ashraf Ali, Bagh Kazi, Rs. 8-8, *sale*, maker Ashraf Ali.

Embroidered *than* (*kamdani*), from Lucknow, exhibited by Ashraf Ali, Bagh Kazi, Rs. 13-13, *sale*, maker Ashraf Ali.

Embroidered *sari*, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 4-13, *sale*, maker Hafiz Najju.

Embroidered *sari*, from Lucknow, exhibited by Hafiz Najju, Mahmudnagar, Rs. 4-18, *sale*, maker Hafiz Najju.

Embroidered *than*, from Lucknow, exhibited by Badri Das, Bahoran tola, Rs. 8-8, *sale*, maker Badri Das.

Gold embroidery stripes, from Lucknow, exhibited by Municipal Committee, Lucknow, Rs. 58-7, *sale*.

Gold embroidery five colors, from Lucknow, exhibited by Municipal Committee, Lucknow, Rs. 58-7, *sale*.

Velvet embroidered jacket, from Lucknow, exhibited by Municipal Committee, Lucknow, Rs. 88-3, *sale*.

Har embroidered jacket, from Lucknow, exhibited by Bhola, Chopri Tola, Rs. 69-1, *sale*, maker Bhola.

Thán of *chikan*, cross stripes, from Lucknow, exhibited by Jugal Kishore, Kundan Lal, Yahiaganj, Rs. 10-10, *sale*, makers Jugal Kishore, Kun dan Lal.

Thán of *chikan*, tepchi from Lucknow, exhibited by Jugal Kishore, Kundan Lal, Yahiaganj, Rs. 7-7, *sale*, makers Jugal Kishore, Kundan Lal.

Thán of *chikan*, cross stripes, from Lucknow, exhibited by Jugal Kishore, Kundan Lal, Yahiaganj, Rs. 8, *sale*, makers Jugal Kishore, Kundan Lal.

Thán of *chikan*, flowered, from Lucknow, exhibited by Jugal Kishore, Kundan Lal, Yahiaganj, Rs. 5-14, *sale*, makers Jugal Kishore, Kundan Lal.

Thán of *chikan*, flowered, from Lucknow, exhibited by Jugal Kishore, Kundan Lal, Yahiaganj, Rs. 7-7, *sale*, makers Jugal Kishore, Kundan Lal.

Thán of *chikan*, cross striped, from Lucknow, exhibited by Jugal Kishore, Kundan Lal, Yahiaganj, Rs. 8-4, *sale*, makers Jugal Kishore, Kundan Lal.

Thán of *chikan*, cross striped, from Lucknow, exhibited by Jugal Kishore, Kundan Lal, Yahiaganj, Rs. 9-9, *sale*, makers Jugal Kishore, Kundan Lal.

Mantle fringe, *chikan* work, from Lucknow, exhibited by Brij Mohan, Kabri Tola, Rs. 4-13, *sale*, maker Brij Mohan.

Mantle fringe, *chikan* work, from Lucknow, exhibited by Brij Mohan, Kabri Tola, Rs. 4-4, *sale*, maker Brij Mohan.

Thán of *chikan*, cross striped, from Lucknow, exhibited by Badri Dass, Yahiaganj, Rs. 8-8, *sale*, maker Badri Dass.

Thán of *chikan*, flowered (*gitti*), from Lucknow, exhibited by Badri Dass, Yahiaganj, Rs. 7-7 *sale*, maker Badri Dass.

Embroidered *sari* (*kamdani*), from Lucknow, exhibited by Badri Dass, Yahiaganj, Rs. 15-7, *sale*, maker Badri Dass.

* Embroidered *thán* (*kamdani*), from Lucknow, exhibited by Badri Dass, Yahiaganj, Rs. 87-7, *sale*, maker Badri Dass.

Sari, embroidered, from Lucknow, exhibited by Banwari Lal, Baharon Tola, Rs. 9-9, *sale*, maker Banwari Lal.

Thán of *chikan*, flowered (*phanda*), from Lucknow, exhibited by Banwari Lal, Baharon Tola, Rs. 8-12, *sale*, maker Banwari Lal.

Table-cloths, *chikan* work, from Lucknow, exhibited by Banwari Lal, Baharon Tola, Rs. 38-4, *sale*, maker Banwari Lal.

Velvet embroidered saddle, from Lucknow, exhibited by Gopinath, Lachmi Narain, Chowk, Rs. 318-12, *sale*, makers Gopinath, Lachmi Narain.

Thán of *chikan*, flowered (*nurri*,), from Lucknow, exhibited by Brijmohan, Bazar Kalkaji, Rs. 14-14, *sale*, maker Brij Mohan.

Thán of *chikan*, flowered (*phanda*), from Lucknow, exhibited by Brijmohan, Bazar Kalkaji, Rs. 10-10, *sale*, maker Brij Mohan.

Thán of *chikan*, cross striped (*debchi*), from Lucknow, exhibited by Brijmohan, Bazar Kalkaji, Rs. 10-2, *sale*, maker Brij Mohan.

† *Thán* of *chikan*, flowered, from Lucknow, exhibited by Brijmohan, Bazar Kalkaji, Rs. 9-9, *sale*, maker Brij Mohan.

Thán of *chikan*, flowered, from Lucknow, exhibited by Brijmohan, Bazar Kalkaji, Rs. 8-8, *sale*, maker Brij Mohan.

Thán of *chikan*, flowered, from Lucknow, exhibited by Brijmohan, Bazar Kalkaji,* Rs. 9-9, *sale*, maker Brij Mohan.

Thán of *chikan*, flowered, from Lucknow, exhibited by Brijmohan, Bazar Kalkaji, Rs. 9-5, *sale*, maker Brij Mohan.

Thán of *chikan*, flowered (*gittu*), from Lucknow, exhibited by Brijmohan, Bazar Kalkaji, Rs. 11-7, *sale*, maker Brij Mohan.

Embroidered money-bag, from Lucknow, exhibited by Kishori Lal, Bahoran Tola, Rs. 12-8, *sale*, maker Kishori Lal.

Embroidered bag, *jamdani*, from Lucknow, exhibited by Kishori Lal, Bahoran Tola, Rs. 10-10, *sale*, maker Kishori Lall.

Blue velvet embroidered coats, from Lucknow, exhibited by Kishori Lal, Bahoran Tola, Rs. 212-8, *sale*, maker Kishori Lal.

Gold and silver embroidered stripes, 12 yards, from Lucknow, exhibited by Kishori Lal, Bahoran Tola, Rs. 28-11, *sale*, maker Kishori Lal.

Gold and silver embroidered stripes, 12 yards, from Lucknow, exhibited by Parsotam, Sandhi Tola, Rs. 53-2, *sale*, maker Parsotam.

* Lucknow chikan, or embroidered muslin, is a manufacture carried on principally by women and children at their homes. The muslin is specially manufactured at Lucknow for the purposes of this embroidery. The art was introduced from Bengal, but has grown into prominence since the Mutiny, and now gives employment to over 1,200 poople, many of whom have seen better days. The work is in great demand.

† The manufacture, however, of which Lucknow is most noted is its gold embroidery, which is exported to every part of India. Silver is used, either plain or gilt, and is drawn out with extraordinary skill into gossamer threads and then flattened. *Gota* is a braid formed of silver threads interwoven with silk. *Salma* is a spiral, from portions of which *sitárás* or little stars are fashioned by hammering the rings of the spiral into one another. *Kala battun* is a twisted thread of silk and silver or silver-gilt wire. Lucknow materials for embroidery have lately found great favour on the Continent, where embroidery for church purposes is carried on.

hikan handkerchief, from Lucknow, exhibited by Parsotam, Sandhi Tola, Rs. 12-12, *sale*, maker Parsotam.

hikan Panjabi kurta, from Lucknow, exhibited by Parsotam, Sandhi Tola, Rs. 10-10, *sale*, maker Parsotam.

hikan Panjabi kurta, from Lucknow, exhibited by Parsotam, Sandhi Tola, Rs. 8-8, *sale*, maker Parsotam.

hikan waistcoat (*sadri*), from Lucknow, exhibited by Parsotam, Sandhi Tola, Rs. 3-12, *sale*, maker Parosatam.

. piece of *chikan* (*murri*), 3 yards, from Lucknow exhibited by Parsotam, Sandhi Tosa, Rs. 21-4, *sale*, maker Parsotam.

. piece of *chikan* (*phanda*), from Lucknow, exhibited by Parsotam, Sandhi Tola, Rs. 37-3, *sale*, maker Parsotam.

old and silver embroidered work (*dopatta*), from Lucknow, exhibited by Kishori Lal, Sandhi Tola, Rs. 212-8, *sale*, maker Kishori Lal.

elvet embroidered waistcoat, from Lucknow, exhibited by Parshadi Lal, Chowk, Rs. 53-2, *sale*, maker Parshadi Lal.

reen embroidered waistcoat, from Lucknow, exhibited by Parshadi Lal, Chowk, Rs. 42-8, *sale*, maker Parshadi Lal.

lack embroidered coats, from Lucknow, exhibited by Parshadi Lal, Chowk, Rs. 265-12, maker Parshadi Lal.

lack embroidered coat, from Lucknow, exhibited by Parshadi Lal, Chowk, Rs. 148-12-2, *sale*, maker Parshadi Lal.

lack, red, gold and silver embroidered velvet saddle-cover, from Lucknow, exhibited by Parshadi Lal, Chowk, Rs 95-10, *sale*, maker Parshadi Lal.

reen silk embroidered striped dopatta, from Lucknow, exhibited by Parshadi Lal, Chowk, Rs. 201-14, *sale*, maker Parshadi Lal.

hikan thans, flowered, from Lucknow, Khan Kunja, Sandhi Tola, Rs. 22-6, *sale* maker Khan Kunja.

reen cross embroidered *dopatta*, from Lucknow, exhibited by Gopi Nath, Lachmi, Narain, Chowk, Rs. 90-5, *sale*, makers Gopi Nath, Lachmi Narain.

reen silk embroidered skirt, from Lucknow, exhibited by Gopi Nath, Lachmi Narain, Chowk, Rs. 130, *sale*, makers Gopi Nath, Lachmi Narain.

elvet embroidered saddle-cover, from Lucknow, exhibited by Bhairo Prasad Ram Ragbar, Chowk, Rs. 212-8, *sale*, makers Bhairon Prasad, Ram Raghubar.

ed and green silk embroidered *alam sash*, from Lucknow, exhibited by Bhairo Prasad, Ram Ragbar, Chowk, Rs. 371-14, *sale*, makers Bhairon Prasad, Ram Raghubar.

reen silk embroidered female trouser, from Lucknow, exhibited by Kishori Lal, Bahoran Tola, Rs. 212-8, *sale*, maker Kishori Lal.

hán embroidered *kamdani*, from Lucknow, exhibited by Ilahi Bux, Chowk, Rs. 132-13, *sale*, maker Ilahi Bux.

hán embroidered flowered *kamdani*, from Lucknow, exhibited by Ilahi Bux, Chowk, Rs. 42-8, *sale*, maker Ilhai Bux.

han chikan, striped, from Lucknow, exhibited by Ilhai Bux, Chowk, Rs. 53-2, *sale*, maker Ilahi Bux.

hán chikan, flowered, from Lucknow, exhibited by Ilhai Bux, Chowk, Rs. 63-12, *sale*, maker Ilahi Bux.

mbroidered hangings, 3 tolas from Lucknow exhibited by Municipal Committee, Rs. 5-1, *sale*, maker Muhammad Hussain.

25 samples of embroidery, from Lucknow, exhibited by Municipal Committee, Rs. 46-7-9, *sale*, maker Parshadi Lal.

amples of embroidery arranged on a banner, from Lucknow exhibited by Municipal Committee, Rs. 152-11-3, *sale*, maker Par shadi Lal.

amples of *kamdani* arranged on a spear, from Lucknow exhibited by Municipal Commitee, Rs. 28-8-9, *sale*, maker Ilahi Baksh.

amples of *kamdani* arranged on a spear, from Lucknow, exhibited by Municipal Committee, Rs. 45-6-3, *sale*, maker Ilhai Bux.

* In the sample room.

Samples of *kamdani* arranged on a spear, from Lucknow, exhibited by Municipal Committee, Rs. 50-12-6, *sale*, maker Ilahi Bux.
Sample of *chikan* work, from Lucknow, exhibited by Municipal Committee, Rs. 85-6, *sale*, maker Murli.
Sample of *chikan* work, from Lucknow, exhibited by Municipal Committee, Rs. 73-15-9, *sale*, maker Murli.
Silver embroidered slippers, 1 pair, from Lucknow, exhibited by Gopi Nath Lachmi Narain, Rs. 40-6, *sale*, maker Murli.
Gold embroidered slippers, 1 pair, from Lucknow, exhibited by Gopi Nath Lachmi Narain, Rs. 42-8, *sale*, maker Murli.
Gold embroidered slippers, 1 pair, from Lucknow, exhibited by Gopi Nath Lachmi Narain, Rs. 37-3, *sale*, maker Murli.
Embroidered slippers, 2 pairs, from Lucknow, exhibited by Department, Agriculture and Commerce, N.-W. P. and Oudh, Rs. 75, *sale*, maker Murli.
Embroidered slippers, 2 pairs, from Lucknow, exhibited by Department, Agriculture and Commerce, N.-W. P. and Oudh, Rs. 40, *sale*, maker Murli.
Embroidered slippers, 2 pairs, from Lucknow, exhibited by Department, Agriculture and Commerce, N.-W. P. and Oudh, Rs. 35, *sale*, maker Murli.
Embroidered slippers, 2 pairs, from Lucknow, exhibited by Department, Agriculture and Commerce, N.-W. P. and Oudh, Rs. 32-8, *sale*, maker Murli.
Embroidered slippers, 2 pairs, from Lucknow, exhibited by Department, Agriculture and Commerce, N.-W. P. and Oudh, Rs. 40, *sale*, maker Murli.
Embroidery (*zardozi*) on velvet, from Lucknow, exhibited by Department, Agriculture and Commerce, N.-W. P. and Oudh, Rs. 400, *sale*.
Embroidery (*zardozi*) on velvet, from Lucknow, exhibited by Department, Agriculture and Commerce, N.-W. P. and Oudh, Rs. 300, *sale*.

CLASS XLVI.—APPAREL AND HABERDASHERY.

* A Bundelkhand suit, from Jhánsi (Mau), exhibited by District Committee, Rs. 7-4, *purchased*, maker Sora, tailor, of Mau.
Silk loin-cloth, 2 pieces, from Jhánsi, exhibited by District Committee, Rs. 30, *purchased*, maker Ram Parshad, Jhánsi.
Peacock feather ribbon, 2 pieces, from Jhánsi, exhibited by District Committee, Rs. 2-12-6, *purchased*, maker Golab Singh, Sadar Bazar, Jhánsi.

Gold and silver borders and fringes from Benares.

Gota *jhuta*, spurious silver border, from Benares, exhibited by Municipal Committee, as. 4, *sale*.
Patha jhuta, spurious silver border from Benares exhibited by Municipal Committee, as. 3, *sale*.
Anchal jhuta, spurious silver border, 2 pieces, from Benares, exhibited by Municipal Committee, as. 4-6, *sale*.
Kiran, spurious silver fringe, from Benares, exhibited by Municipal Committee, as. 3, *sale*.
Tash jhuta, spurious silver cloth, from Benares, exhibited by Municipal Committee, Rs. 2-14, *sale*.
Kinari jhuti, from Benares, exhibited by Kharg Sen of Udairaj, as. 7-6, *sale*.
Lace of real silver, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 8, *sale*.
Patri, narrow silver border, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 5, *sale*.
Bankri, silver border, from Benares, exhibited by Kharg Sen of Udairaj, as. 12, *sale*.
Patha, silver border, about one inch wide, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 2, *sale*.
Bankri, ganga jamuni, gold and silver border, half inch wide, from Benares, exhibited by Kharg Sen of Udairaj, As. 12, *sale*.

* Used by Bundelas.

Bankri tileri, gold border, half inch wide, from Benares, exhibited by Kharg Sen of Udairaj, Re. 1 *sale*.
Patri tilai, gold border, quarter inch wide, from Benares, by Kharg Sen of Udairaj, Rs. 2-4, *sale*.
Paimak tilai, gold border, on violet silk, about one inch wide, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 3-8, *sale*.
Patha tilai, gold border, half inch wide, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 2-4 *sale*.
Lace *tilai guchli*, gold border, one inch wide, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 43-8, *sale*.
Chumki tilai, gold scales like tiny disks, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 2-6, *sale*.
Salima tilai dabka, gold fringes, threadlike, bright lustre, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 2-4, *sale*.
Salima tilai kora, gold fringes, thread-like feeble lustre, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 2-2, *sale*.
Gokhru tilai, indented gold border, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 4, *sale*.
Gold lace, plain on red silk, from Benares, exhibited by Kharg Sen of Udairaj, Rs. 11, *sale*.
Gota tilai, gold border on orange-coloured silk, from Benares, exhibited by Kharg Sen of Udairaj, Re. 1-4, *sale*.
Gota nugrai, silver border on plain white silk, from Benares, exhibited by Kharg Sen of Udairaj, As. 12, *sale*
Kiran, gold border with fringes, from Benares, exhibited by Kharg Sen of Udairaj, *sale*.
Gold lace, from Lucknow, exhibited by Department, Agriculture and Commerce, N.-W. P. and Oudh, *sale*.
Chintz coat, from Lucknow, exhibited by Kasim Ali, Rs. 8-2, *sale*.
Chintz overcoat (*dagla*), from Lucknow, exhibited by Kasim Ali, Rs. 8-3, *sale*.
Lace, 2 yards, from Fyzabad, exhibited by Bismilla Begam, Angoribagh, Fyzabad, Rs. 2, *sale*, Bismlla Begam, Teacher, Girls' School, Fyzabad.
Lace, 3 yards, from Fyzabad, exhibited by Bismilla Begam, Angoribagh, Fyzabad, Rs. 8, *sale*, Bismilla Begam, Teacher, Girls' School, Fyzabad.
Lace, 5 yards, from Fyzabad, exhibited by Bismilla Begam, Angoribagh, Fyzabad, Rs. 11-4, *sale*, Bismilla Begam, Teacher, Girls' School, Fyzabad.
Lace, 9 yards, from Fyzabad, exhibited by Bismilla Begam, Angoribagh, Fyzabad, Rs. 4-8, *sale*, Bismilla Begam, Teacher, Girls' School, Fyzabad.
Lace, 6 yards, from Fyzabad, exhibited by Bismilla Begam, Angoribagh, Fyzabad, Rs. 2-4, *sale*, Bismilla Begam, Teacher, Girls' School, Fyzabad.
Lace, 4 yards, from Fyzabad, exhibited by Bismilla Begam, Angoribagh, Fyzabad, As. 4, *sale*, Bismilla Begam, Teacher, Girls' School, Fyzabad.
Child's coat, from Fyzabad, exhibited by Abbasi Begam, Khurd Mahal, Fyzabad, Rs. 2, *sale*, Abbasi Begam, Wasika, pensioner.
Coat, from Fyzabad, exhibited by Abbasi Begam, Khurd Mahal, Fyzabad, Rs. 4-0-6, *sale*.
Child's coat (*kurta*), from Fyzabad, exhibited by Shahzadi Begam, Rs. 2-8, *sale*, Shahzadi Begam.
Child's coat (*achkan*), from Fyzabad, exhibited by Shahzadi Begam, Rs. 3, *sale*, Shahzadi Begam.
Child's coat (*achkan*), from Fyzabad, exhibited by Shahzadi Begam, Re. 1-4, *sale*, Shahazdi Begam.
Child's coat (*kurta*), from Fyzabad, exhibited by Shahzadi Begam, Re. 1, *sale*, Shahazdi Begam.
Child's coat (*kurta*), from Fyzabad, exhibited by Wazir Begam, Re. 1, *sale*, Shahzadi Begam.
Child's coat (*kurta*), from Fyzabad, exhibited by Mubarak Jan, Rs. 3, *sale*, Wazir Begam.
* Lace, betel-leaf pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 20, *sale*, Mubarak Jan.

* Lace, bunch pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 20, *sale*.
* Lace, folding pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 24, *sale*.
* Lace, grape-leaf pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 25, *sale*.
* Lace, lion pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 25, *sale*.
* Lace, tree pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 26, *sale*.
* Lace, diamond bunch, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 22, *sale*.
* Lace, tree pattern, white and red, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 28, *sale*.

Lace, horse pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 35, *sale*.

Lace, peacock, white and red, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 27, *sale*.

Lace, peacock pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 25, *sale*.

Lace, grape-leaf pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 26, *sale*.

Lace, folding pattern, 2 yards, from Agra, exhibited by Municipal Committee, Agra, Rs. 22, *sale*.

Lace, plain, red, 8 tolas and 6½ mashas, at Re. 1-9 per tola, from Agra, exhibited by Municipal Committee, Agra, Rs. 14-8, *sale*.

Lace, plain, thin, 3 tolas and 6½ mashas, at Re. 1-9 per tola, from Agra, exhibited by Municipal Committee, Agra, Rs. 6-8, *sale*.

Lace, glittering, 2 tolas, at Re. 1-9 per tola, from Agra, exhibited by Municipal Committe, Agra, Rs. 3-6, *sale*.

Lace, thin, white, 2 yards, at Re. 1-4 per yard, from Agra, exhibited by Municipal Committee, Agra, Rs. 2-10, *sale*.

Lace, thin, red, 2 yards, at Re. 1-8 per yard, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-4, *sale*.

Lace, fringed, 2 tolas 8 mashas, at Re. 1-6 per tola, from Agra, exhibited by Municipal Committee, Agra, Rs. 4-4, *sale*.

Lace, thin and broad, 3 tolas, at Re. 1-2 per tola, from Agra, exhibited by Municipal Committee, Agra, Rs. 4-14, *sale*.

Lace, thin and broad, white, 3 tolas 3 mashas, at Re. 1-4-6 per tola, from Agra, exhibited by Municipal Committee, Agra, Rs. 4-2, *sale*.

Lace, cord shape, red, 3 tolas and 5 mashas, at Rs. 2 per tola, from Agra exhibited by Municipal Committee, Agra, Rs. 7-5, *sale*.

Twisted lace, red, 2 tolas, at Re. 1-9 per tola, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-4, *sale*.

Twisted lace, white, 2 tolas, at Re. 1-4 per tola, from Agra, exhibited by Municipal Committee, Agra, Rs. 2-12, *sale*.

Waistcoat lace, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-8, *sale*.

Waistcoat 2 pieces, from Agra exhibited by Municipal Committee, Agra, Rs. 5, *sale*.

Waistcoat (*nimzari*) purple, from Agra, exhibited by Municipal Committee, Agra, Re. 1-4, *sale*.

Waistcoat, green, from Agra, exhibited by Municipal Commitee, Agra, Rs. 1-4, *sale*.

* This kind of work has been carried on in Agra from time immemorial. It gives employment to about 6,000 persons. The average price of gota is from Re. 1 to Rs. 2-8 per tola. Lace is sold from Rs. 2 to Rs. 15 per yard. Materials for the manufacture are purchased in the local markets, only silk being imported from Peshawar and Rámpur Baulia. There is a large wholesale export trade. The average profit is 6 per cent., and the wages of the workmen are 4 annas a day. Both Hindus and Muhammadans are employed in it, but the majority of the workmen are composed of the latter.

CLASS XLVII.—BOOTS, SHOES, AND SLIPPERS.

* Shoes, 2 pairs, from Saháranpur, exhibited by Municipal Committee, Saháranpur, Rs. 2, *sale*, maker Azim-ud-din of Saháranpur.
* A pair of gaiters, from Saháranpur, exhibited by Municipal Committee, Saháranpur, Rs. 2, *sale*, Azim-ud-din of Saháranpur.
* A pair of slippers, from Saháranpur, exhibited by Municipal Committee, Saháranpur, As. 14, *sale*, maker Azim-ud-din of Saháranpur.
* A pair of leather stockings, from Saháranpur, exhibited by Municipal Committee, Saháranpur, Re. 1-6, *sale*, Azim-ud-din of Saháranpur.
* A pair of shoes, from Meerut, exhibited by District Committee, Rs. 2, *sale*, maker Khushal of Meerut.
* A pair of country shoes, from Meerut, exhibited by Superintendent, Central Jail, Re. 1, *sale*, Jail labour.
* A pair of boots, from Meerut, exhibited by Superintendent, Central Jail, Re. 1-0-9, *sale*, Jail labour.

Slippers, from Aligarh, exhibited by Kuan Lutf Ali Khan, *Rais* of Talibnagar, Aligarh, *loan*, maker Basharat Ali, resident of Talibnagar, in the service of the exhibitor.

1 Pair of slippers, from Moradabad, exhibited by Sahu Kesho, Saran Rs. 15, *sale*.

† Bathing clogs for women, 1 pair, from Pilibhit, exhibited by District Committee, Rs. 2, *sale*, maker Chetram.

Ornamental straps, from Pilibhit, exhibited by District Committee, Rs. 3, *sale*, maker Gurdayal.

‡ Bathing clogs for men, 2 pairs, from Pilibhit, exhibited by District Committee, Rs. 5, *sale*, maker Midai Lal.

§ 8 Pairs of shoes made of horse skin, from Agra, exhibited by Municipal Committee, Agra, Rs. 3, *sale*, maker Midai Lal.

1 Pair of shoes, embroidered, from Agra, exhibited by Municipal Committee, Agra, Rs. 2-12, *sale*, maker Midai Lal.

1 Pair of shoes, from Agra, exhibited by Municipal Committee, Agra, Rs. 2-12, *sale*, maker Midai Lal.

1 pair for women, from Agra, exhibited by Municipal Committee, Agra, Rs. 6, *sale*, maker Midai Lal.

1 pair for women, from Agra, exhibited by Municipal Committee, Agra, Rs. 6-4, *sale* Midai Lal.

1 pair old fashion, from Agra, exhibited by Municipal Committee, Agra, Rs. 6-4, *sale*, maker Midai Lal.

1 pair old fashion, from Agra, exhibited by Municipal Committee, Agra, Rs. 5, *sale*, maker Midai Lal.

2 Pairs of shoes, plain, from Agra, exhibited by Municipal Committee, Agra, Rs. 2-4, *sale*, maker Midai Lal.

1 Pair of shoes, plain, from Agra, exhibited by Municipal Committee, Agra, Rs. 4-8, *sale*, maker Midai Lal.

1 pair of shoes, plain, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-8, *sale*, maker Midai Lal.

*(Sample Room).
† Inlaid with wire (*tarkashi*).
‡ Inlaid with wire.
§ The trade in shoes is carried on in the mohallas of Nakhasa, Kandhari, and Maithas, and gives employment to about 500 *chamars* (cobblers). The price of a plain pair of shoes is 12 annas and that of embroidered work is as much as Rs. 10. There is not, however, a large sale of the more expensive kinds, as these are imported from Delhi, where they are sold cheaper because of the gold and silver being more or less alloyed. Unembroidered shoes are exported from Agra to different parts of India. The average profit is said to be about 3 per cent., and the wages of the workmen are about 2 annas a day. The *chamars* work up the leather part of the manufacture, while the embroidery is done by the Muhammadans. The trade is not flourishing. Among the exhibits will be found some shoes from Jalesar, in the Etah district, which are remarkable for their lightness combined with durability. This latter class of shoes is not to be had ready made. They are prepared to order.

1 pair of shoes, plain, from Agra, exhibited by Municipal Committee, Agra, Rs. 2, *sale*, maker Midai Lal.
1 pair of shoes, net work, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-8, *sale*, maker Midai Lal.
1 pair of shoes, embroidered, from Agra, exhibited by Municipal Committee, Agra, Rs. 2-8, *sale*, maker Midai Lal.
1 pair of shoes, plain, from Agra, exhibited by Municipal Committee, Agra, Re. 1-12, *sale*, maker Midai Lal.
* Shoes, 1 pair, from Jhánsi (Mau), exhibited by District Committee, Jhánsi, Re. 1-9-6, *purchased*, Kusoria Chamar of Mau.
Shoes, Bundlekhandi, 1 pair, from Lalitpur, exhibited by District Committee, Jhánsi, Rs. 3-3, *purchased*, Ram Lal Chamar, of Lalitpur.
A pair of slippers, from Farukhabad, exhibited by Municipal Committee, Rs. 3, *sale*.
Pairs of shoes, from Farukhabad, exhibited by Municipal Committee, Rs. 6, *sale*.
Silver embroidered slippers, 1 pair, from Lucknow, exhibited by Gopi Nath, Lachmi Narain, Rs. 40-6, *sale*, maker Gopi Nath, Lachmi Narain.

CLASS XLVIII.—HATS AND CAPS.

† Silver cap with gold work, from Saháranpur, exhibited by Lala Nihal Chand, Saháranpur, *loan*.
Green velvet cap, embroidered, from Agra, exhibited by Municipal Committee Agra, Rs. 16, *sale*.
Caps, black color, 2, from Agra, exhibited by Municipal Committee, Agra,, Rs. 24, *sale*.
Caps of different colors, 5, from Agra, exhibited by Municipal Committee, Agra, Rs. 30, *sale*.
Black velvet round cap, from Agra, exhibited by Municipal Committe, Agra, Rs. 16, *sale*.
Cap, four-colored, from Agra, exhibited by Municipal Committee, Agra, Rs. 10, *sale*.
Cap, four-colored, from Agra, exhibited by Municipal Committee, Agra, Rs. 12, *sale*.
Cap, gold and silk embroidered, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-8, *sale*.
Caps, gold and silk embroidered, 6, from Agra, exhibited by Municipal Committee, Agra, Rs. 13-8, *sale*.
Caps, with two corners, white, 3, from Agra, exhibited by Municipal Committee, Agra, Rs. 5-4, *sale*.
Embroidered silk caps of different colours, 6, from Agra, exhibited by Municipal Committee, Agra, Rs. 6-12, *sale*.
Cap like a crown, from Agra, exhibited by Municipal Committee, Agra, Rs. 25, *sale*.
Caps, gold embroidered, 2, from Benares, exhibited by Balbhadar Das, brocade merchant, Benares, Rs. 59-8, *sale*.
1 cap, gold embroidered, from Benares, exhibited by Balbhadar Das, brocade merchant, Rs. 23, *sale*, maker same as exhibitor.

* Used by Bundelas, and is peculiar to this part of the country; worn by all classes in Bundelkhand.

† The cap-sellers of Agra have their shops in the Kinari and the Kashmiri bazars. The men work at their shops, and their women work at their houses. The caps are very commonly hawked about the streets and sarais, and the railway station. About 300 persons are said to pursue the trade. The average profit is about 5 per cent. The wages of the workmen are 2 annas per day, and both Hindus and Muhammadans carry on the trade, which is on the increase. The fashionable and popular shape is the round Bengali style, the *dopalri* and *chaugoohia* or high crown being nearly out of fashion. The sewing machine has been brought into use, and will, it is feared, injure those of the poorer classes who solely depend upon cap-making for livelihood

Caps, *pitáridár* 3, from Benares, exhibited by Haji Azim-ulla, Rs. 135, *sale*, maker same as exhibitor.
Cap, *pitáridár*, 1, from Benares, exhibited by Haji Azim-ulla, Rs. 35, *sale*, maker same as exhibitor.
Caps, *pitáridár*, 2, from Benares, exhibited by Haji-Azim-ulla, Rs. 20, *sale*, maker same as exhibitor.
Caps, *panchpalia*, 4, from Benares, exhibited by Haji Azim-ulla, Rs. 8, *sale*, maker same as exhibitor.
Cap, *tajdar* (crown-shaped), from Benares, exhibited by Haji Azim-ulla, Rs. 85, *sale*, maker same as exhibitor.
Mukát (crown), heart-shaped, on blue velvet, from Benares, exhibited by Magha Sahu, Rs. 11-4, *sale*, maker same as exhibitor.
Mukát with 5 smaller heart-shaped pieces and a big one on top, from Benares, exhibited by Magha Sahu, Rs. 9-4, *sale*, maker same as exhibitor.
Mukát kirita, a small crown worn by men in honour of Krishna, from Benares, exhibited by Magha Sahu, Re. 1-2, *sale*, maker same as exhibitor.
Mukát nila, a small crown on blue velvet, from Benares, exhibited by Magha Sahu, Re. 1-2, *sale*, maker same as exhibitor.
Chandarku, an ornament worn by women on the head, from Benares, exhibited by Magha Sahu, Rs. 2-12, *sale*, maker same as exhibitor.
Flowered cap, from Lucknow, exhibitted by Muzaffar Husain Rs. 4-4, *sale*, maker Muzaffar Husain.
Chikan cap, from Lucknow, exhibited by Mirza Ghasita, Rs. 6-6, *sale*, maker Mirza Ghasita, Lucknow.
Chikan caps, 2, from Lucknow, exhibited by Mirza Ghasita, Rs. 8-8, *sale*, maker Mirza Ghasita, Lucknow.
Chikan caps, 3, from Lucknow, exhibited by Mirza Ghasita, Rs. 6 6, *sale*, maker Mirza Ghasita, Lucknow.
Chikan caps, 7, from Lucknow, exhibited by Mirza Ghasita, Rs. 14-14, *sale*, maker Mirza Ghasita, Lucknow.
Chikan caps, 2, from Lucknow, exhibited by Mirza Ghasita, Rs. 6-6, *sale*, maker Mirza Ghasita, Lucknow.
Flowered cap, from Lucknow, exhibited by Mirza Ghasita, Rs. 2-2, *sale*, maker Mirza Ghasita, Lucknow.
Flowered caps, 2, from Lucknow, exhibited by Mirza Ghasita, Rs. 6-6, *sale*, maker Mirza Ghasita, Lucknow.
Chikan round cap, from Lucknow, exhibited by Mirza Ghasita, Rs. 4-4, *sale*, maker Mirza Ghasita, Lucknow.
Chikan round caps, 2, from Lucknow, exhibited by Mirza Ghasita, Rs. 6-6, *sale*, maker Mirza Ghasita, Lucknow.
Chikan round caps, 2, from Lucknow, exhibited by Mirza Ghasita, Rs. 5-6, *sale*, maker Mirza Ghasita, Lucknow.
Chikan cap, from Lucknow, exhibited by Murli Chowk, Lucknow, Rs. 12-12, *sale*, maker Murli.
Chikan caps, 4, from Lucknow, exhibited by Sheo Narain, Karhanala, Rs. 4-4, *sale*, maker Sheo Narain.
Chikan cap, 1, from Lucknow, exhibited by Kanhaya Lal, Rs. 7-7, *sale*, maker Kanhay Lal.
Flowered cap, from Lucknow, exhibited by Kanhaya Lal, Rs. 2-6, *sale*, maker Kanhaya Lal.
Flowered cap, from Lucknow, exhibited by Kanhaya Lal, Re. 1-14, *sale*, maker Kahaya Lal.
Round silk cap, from Lucknow, exhibited by Kanhaya Lal, Rs. 4-4, *sale*, maker Kanhaya Lal.
Round *chikan* cap, from Lucknow, exhibited by Kanhaya Lal, Rs. 2-4, *sale*, maker Kanhaya Lal.
Velvet embroidered round cap, from Lucknow, exhibited by Gopinath, Lachmi Narain, Rs 12-12, *sale*, makers Gopi Nath, Lachmi Narain.
Gold wire net-work cap, from Lucknow, exhibited by Gopinath, Lachmi Narain, Rs. 47-13, *sale*, makers Gopi Nath, Lachmi Narain.

Gold embroidered cap, from Lucknow, exhibited by Gopinath, Lachmi Narain, Rs. 10-10, *sale*, makers Gopi Nath, Lachmi Narain.
Gold round cap, from Lucknow, exhibited by Gopinath, Lachmi Narain, Rs. 21-4, *sale*, makers Gopi Nath, Lachmi Narain.
Gold 3 sided cap, from Lucknow, exhibited by Gopinath, Lachmi Narain, Rs. 31-14 *sale*, maker Gopi Nath Lachmi Narain.
Gold 3 sided cap, from Lucknow, exhibited by Gopinath, Lachmi Narain, Rs. 37-3, *sale*, makers Gopi Nath, Lachmi Narain.
Velvet embroidered round cap, from Lucknow, exhibited by Kishori Lal, Bahoran tolah, Lucknow, Rs. 10-10, *sale* maker Kishori Lal.
Velvet embroidered round cap, from Lucknow, exhibited by Kishori Lal, Bahoran tolah, Lucknow, Rs. 42-8, *sale*, maker Kishori Lal.
Embroidered crown striped double cap, from Lucknow, exhibited by Baddi, Chowk, Lucknow, Rs. 37-3, *sale*, maker Baddi.
Embroidered round cap, from Lucknow, exhibited by Baddi, Chowk, Lucknow, Rs. 26-9, *sale*, maker Baddi.
Embroidered round cap, net-work, from Lucknow, exhibited by Kishori Lal, Bahoran tola, Rs. 8-8, *sale*, maker Kishori Lal
Embroidered red silk, from Lucknow, exhibited by Kishori, Lal, Bahoran tola, Rs. 10-10, *sale*, maker Kishori Lal.
Velvet embroidered caps, black and green, 2, from Lucknow, exhibited by Baddi, Chowk, Lucknow, Rs. 14-14, *sale*, maker Baddi.
Black velvet embroidered round cap, from Lucknow, exhibited by Parshadi Lal, Chowk, Lucknow, Rs. 11-11, *sale*, maker Parshadi Lal.
Muslin cap, from Rae Bareli, exhibited by Madar Baksh, Jais, Rae Bareli, Rs. 2, *sale*, maker Madar Baksh.
Muslin cap 2, from Rae Bareli, exhibited by Madar Baksh, Jais, Rae Bareli, Rs. 2, *sale*, maker Madar Baksh.
Muslin cap 1, from Rae Bareli, exhibited by Madar Baksh, Jais, Rae Bareli, Re. 1-8, *sale*, maker Madar Baksh.

CLASS XLIX.—UMBRELLAS, PARASOLS, AND STICKS.

* Umbrella, from Azamgarh, exhibited by Babu Mangla Parshad of Surajpur, *presentation*, maker not given.
* Stick, from Azamgarh, exhibited by Babu Mangla Parshad of Surajpur, *presentation* maker not given.
† Umbrella, from Sultanpur in Oudh, exhibited by Raja Muhammad Ali Khan, Talukadar of Hassanpur, *loan*, maker not known.
‡ Stick, from Sultanpur in Oudh, exhibited by Raja Muhammad Ali Khan, Talukadar of Hassanpur, *loan*, Gajju, blacksmith of Hasanpur.
§ Walking-stick of jhangaru, from Pilibhit, exhibited by District Committee, Pilibhit, Re. 1, *loan*, maker Kudrat.
§ Walking-stick of rans, from Philibhit, exhibited by District Committee, Pilibhit, Re. 1, *loan*, Kudrat.
§ Walking-stick of phalaut, from Pilibhit, exhibited by District Committee, Pilibhit, Re. 1, *loan*, Kudrat.
‖ Sticks, 4, from Moradabad, exhibited by Sahu Kesho Sarun, Rs. 2-8 each, *loan*, maker same as exhibitor.
Hand sticks made of horn, 3, from Etáwah, exhibited by Municipal Committee, Rs. 3, *loan*, same as exhibitor.
¶ Fancy walking-stick of serpentine form, from Benares, exhibited by His Highness the Mahárája of Benares, *loan*.

* The umbrella and stick contain various devices relative to personal comfort.
† The umbrella is convertible into a gun.
‡ The stick making a portable seat.
§ With horn handles. The sticks are left unfinished, to show the grain of the wood.
‖ Moradabad metal ware.
¶ The serpentine form of the stick is natural.

CLASS L.—JEWELRY AND PRECIOUS STONES.

Thumb ornaments for females, from Hamírpur, exhibited by Government, N.-W. P. and Oudh, Re. 1-14, *purchased*, maker Musua Sonar of Maudha, Hamírpur.
Thumb ornaments for females, from Hamirpur, exhibited by Government, N.-W. P. and Oudh, Rs. 1-4, *purchased*, maker Mehndi Sonar of Hamírpur.
Chased bangles, 10, from Meerut, exhibited by Government, N.-W. P. and Oudh, Rs. 30, *sale*, maker Fahim Khan of Meerut.
* Gold rings, 9, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, *presentation*, maker Gokul, goldsmith of Rámpur.
† Gold rings, 2, from Hardoi, Oudh, exhibited by H. H. Butt, Esq., Deputy Commissioner, Hardoi, not priced.
† Silver rings, 2, from Hardoi, Oudh, exhibited by H. H. Butt, Esq., Deputy Commissioner, Hardoi, not priced.
‡ Silver rings, 1, from Fyzabad, exhibited by Ajudhya Sonar of Khapradih estate in the Fyzabad district, 2 annas 6 pie, *sale*, maker Ajudhya Sonar.
‡ Silver rings, 3, from Fyzabad, exhibited by Ajudhya Sonar of Khapradih estate in the Fyzabad district, 4 annas 6 pie, *sale*, maker Ajdudhya Sonar.
‡ Silver rings, from Fyzabad, exhibited by Adudhya Sonar of Khapradih estate in the Fyzabad district, 3 annas 3 pie, *sale*, maker Ajudhya Sonar.
‡ Gold ring, from Fyzabad, exhibited, Ajudhya Sonar of Khapradih estate in the Fyzabad district, Rs. 2-8, *sale*, maker Ajudhya Sonar.
Silver armlets (*taryan*), 1 pair, from Lucknow, exhibited by Narain Das, Nanohar Das, Rs. 6-6, *sale*, makers Narain Das, Manohar Das.
Silver forehead ornaments (*patyan*), from Lucknow, exhibited by Narain Das, Manohar Das, Rs. 7-7, *sale*, makers Narain Das, Monohar Das.
Silver ring, from Lucknow, exhibited by Narain Das, Manohar Das, Rs. 2-2, *sale*, makers Narain Das, Manohar Das.
Silver, humb ring with glass, from Lucknow, exhibited by Narain Das, Manohar Das, Re. 1-10, *sale*, maker Narain Das, Manohar Das.
Silver thumb ring with glass, from Lucknow, exhibited by Narain Das, Manohar Das, Rs. 2-11, *sale*, makers Narain Das, Manohar Das.
Silver bangles (*huri*), from Lucknow, exhibited by Narain Das, Manohar Das, Rs. 6-6, *sale*, maker Narain Das, Manohar Das.
Silver bangles (*churi*) from Lucknow, exhibited by Sanwal Das, Chowk, Lucknow, Rs. 21-4, *sale*, maker Sanwal Das.
Silver bangles (*churi*), from Lucknow, exhibited by Sanwal Das, Chowk, Lucknow, Rs. 20-3, *sale*, Sanwal Das.
Silver bangles (*churi*), from Lucknow, exhibited by Sanwal Das, Chowk, Lucknow, Rs. 11-13, *sale*, maker Sanwal Das.
Silver bangles (*churi*) from Lucknow, exhibited by Sanwal Das, Chowk, Lucknow, Rs. 18-10, *sale*, maker Sanwal Das.
Enamelled bangles, from Lucknow, exhibited by Sanwal Das, Chowk, Lucknow, Rs. 26-9, *sale*, maker Sanwal Das.
A pair of bangles, from Lucknow, exhibited by Sanwal Das, Chowk, Lucknow, Rs. 15-15, *sale*, maker Sanwal Das.

CLASS LI.—PERFUMERY.

Rose-water, from Gházipur, exhibited by District Committee, maker Ram Tahal.
Rose-water, 1st quality, from Gházipur, exhibited by District Committee, Rs. 9-8, *sale*, maker Ram Tahal.

* These rings are so light that if put on the surface of water in a tumbler, they will float. Total weight of the rings =1½ *masha*.
† Made at Goparmau, in the Hardoi district.
‡ These rings are remarkable for their cheapness.

Rose-water, 2nd quality, from Gházipur, exhibited by District Committee, Rs. 5, *sale*, maker Ram Tahal.

Rose-water, 3rd quality, from Ghazipur, exhibited by District Committee, Rs. 2-8, *sale*, maker Ram Tahal.

Essence of roses, from Gházipur, exhibited by District Committee, *sale*, maker Ram Tahal.

Essence of roses, 1st quality, from Gházipur, exhibited by District Committee, Rs. 54, *sale*, maker Ram Tahal.

Essence of roses, 2nd quality, from Gházipur exhibited by District Committee, Rs. 6, *sale*, maker Ram Tahal.

* Essence of roses, 3rd quality, from Gházipur, exhibited by District Committee, Rs. 2-8, *sale*, maker Haji Khuda Baksh, maker same as exhibitor.

Rose-water, from Jaunpur, exhibited by Haji Khuda Baksh, oil merchant, Jaunpur. Rs. 3, *sale*, maker Haji Khuda Baksh, maker same as exhibitor.

Perfumed bela oil, from Jaunpur, exhibited by Haji Khuda Baksh, oil merchant, Jaunpur, Rs. 3-12, *sale*, maker Haji Khuda Baksh, maker same as exhibitor.

Essence of bela, from Jaunpur, exhibited by Haji Khuda Baksh, oil merchant, Jaunpur, Rs. 6-6, *sale*, maker Haji Khuda Baksh, maker same as exhibitor.

Essence of rose from Jaunpur exhibitor by Haji Khnda Baksh, oil merchant, Jaunpur, Rs, 18, *sale*, maker Haji Khuda Baksh, maker same as exhibitor.

Essence of henna, from Jaunpur, exhibited by Haji Khuda Baksh, oil merchant, Jaunpur, Rs. 9, *sale*, maker Haji Khuda Baksh, maker same as exhibitor.

Essence of henna, from Jaunpur, exhibited by Haji Khuda Baksh, oil merchant, Jaunpur, Rs. 9, *sale*, maker Haji Khuda Baksh, maker same as exhibitor.

Essence of henna, 1, tola from Farukhabad, exhibited by Municipal Committee, Re. 1-8, *sale*, maker Ajudhya Pershad.

Essence chasmpa. 1 tola, from Farukhabad, exhibited by Municipal Committee, Re. 1-8 *sale*, maker Ajudhya Parshad.

Essence maulsiri 1 tola from Farukhabad exhibited by Municipal Committee, Re. 1-8, *sale*, maker Ajudhya Pershad.

Essence juhi (a variety of jasmine), from Farukhabad exhibited by Municipal Committee, Re. 1 8, *sale*, maker Din Muhammad.

Essence red musk, a composite scent, from Farukhabad, exhibited by Municipal Committee, Rs. 2-8, *sale*, maker Din Muhammad.

Essence nauratan, from Farukhabad, exhibited by Municipal Committee, Re. 1-12, *sale*, maker Din Muhammad.

Essence suhag (flower of harsingar is the characteristic name), from Farukhabad. exhibited by Municipal Committee, Re. 1-12, *sale*, maker Din Muhammad.

Essence ambergiri, from Farukhabad, exhibited by Municipal Committee, Rs. 2-8, *sale*, maker Din Muhammad.

Essence arús sultani, from Farukhabad, exhibited by Municipal Committee, Rs. 11, *sale*, maker Din Muhammad.

Essence henna (privet), from Farukhabad, exhibited by Municipal Committee, Rs. 6-8, *sale*, maker Madari Shah.

Essence keora, from Farukhabad, exhibited by Municipal Committee, Re. 1-8, *sale*, maker Makhan Lal and Ajudhya Parshad.

† Essence earth perfume, from Farukhabad, exhibited by Municipal Committee, Re. 1-8, *sale*, maker Sitaram and Ajudhya Parshad.

Essence khas-khas, from Farukhabad, exhibited by Municipal Committee, Rs. 9, *sale*, maker Madari Shah.

Essence ketki, from Farukhabad, exhibited by Municipal Committee, Rs. 3, *sale*, maker Din Muhammad.

‡ Essence roses, from Farukhabad, exhibited by Municipal Committee, Rs. 75, *sale*, maker Din Muhammad.

* Haji Khuda Baksh has a large business, and indents can be supplied to any extent. There are about 40 persons working in his factory.
† Extracted from white Multani clay and potter's clay.
‡ Said to be seventy years old. Stock last replenished fifteen years ago. Prepared only in a private family.

* Essence roses, from Farukhabad, exhibited by Municipal Committee, Rs. 45, *sale*, maker Indarman Pandey.

Perfumery, from Farukhabad, exhibited by Municipal Committee, Rs. 20, *sale*, makers Sitaram and Ajudhya Parsad.

Perfumery, from Farukhabad, exhibited by Municipal Committee, Rs. 6-8, *sale*, makers Sitaram and Ajudhya Parsad.

Perfumery, from Farukhabad, exhibited by Municipal Committee, Rs. 4, *sale*, makers Makhan Lal and Ajudhya Parsad.

Perfumery, from Farukhabad, exhibited by Municipal Committee, Rs. 5-8, *sale*, maker Din Muhammad.

Essence of Henna agrai, from Farukhabad, exhibited by Municipal Committee, Rs. 5-8, *sale*, maker Din Muhammad.

Essence Rubi afsar, from Farukhabad, exhibited by Municipal Committee, Rs. 2-8, *sale*, maker Din Muhammad.

Essence Motia akbari, from Farkhabad, exhibited by Municipal Committee, Rs. 2-8, makers Din Muhammad and Ajudhya Parsad.

Essence Motia or bela, from Farukhabad, exhibited by Municipal Committee, Re. 1-8, *sale*, maker Din Muhammad and Ajudhya Persad

Perfumery from leaves called "*pachpat*," imported from Bengal, from Farukhabad, exhibited by Municipal Committee, Re. 1-8, *sale*, makers Sitaram and Ajudhya Parsad.

Essence of Chameli (jasmine), from Farukhabad, exhibited by Municipal Committee, Re- 1-8, *sale*, makers Makhan Lal and Ajudhya Parsad.

† Essence of henna, from Farkhabad, exhibited by Municipal Committee, Rs. 14, *sale*, makers Din Muhammad, Sitaram, and Ajudhya Parsad.

† Essence roses, from Farukhabad, exhibited by Municipal Committee, Rs. 14, *sale*, makers Din Muhammad, Sitaram, and Ajudhya Parsad.

† Perfumery, from Farukhabad, exhibited by Municipal Committee, Re, 1-8, *sale*, makers Din Muhammad, Sitaram, and Ajudhya Parsad.

† Essence of henna, from Farukhabad, exhibited by Municipal Committee, Re. 1-8, *sale*, makers Din Muhammad, Sitaram, and Ajudhya Persad.

† Essence keora, from Farukhabad, exhibited by Municipal Committee, Re. 1-8, *sale*, makers Din Muhammad, Sitaram, and Ajudhya Persad,

† Essence khas, from Farukhabad, exhibited by Municipal Committee, Re. 1-2, *sale*, makers Din Muhammad, Sitaram, and Ajudhya Parsad.

† Essence mota or bela, from Farukhabad, exhibited by Municipal Committee, Re. 1, *sale*, makers Din Muhammad, Sitaram, and Ajudhya Parsad.

Perfumery box with 14 phials scent assorted, from Lucknow, exhibited by Asgar Ali, Muhammad Ali, Chowk, Rs. 1,330-4, *sale*, makers same as exhibitors.

CLASS LII.—OBJECTS NOT SPECIFIED.

Ornaments worn by native women.

‡ *Churis*, a kind of bangle from Jhánsi (Mau pargana), exhibited by District Committee, Jhánsi, 6 annas 6 pie, *purchased*, maker Saru of. Mau, district Jhánsi.

‡ *Dauris*, a kind of bangle, from Jhánsi (Mau pargana), exhibited by District Committee, Jhánsi, 6 annas 6 pie, *purchased*, maker Saru of Mau, district Jhánsi.

‡ *Patailas*, a kind of bangle, from Jhánsi (Mau paragana), exhibited by District Committee, Jhánsi, 4 annas 6 pie, *purchased*, maker Saru of Mau, district Jhánsi.

* Said to be forty-six years old. Stock last replenished four years ago. Generally commands a very high price.
‡ These are for the Sample Rooms.
‡ Worn at the wrist.

* *Kaknas*, a kind of bangle, from Jhánsi (Maú pargana), exhibited by District Committee, Jhánsi, 6 annas 6 pie, *purchased*, maker Saru of Mau, district Jhánsi.

* *Darena*, a kind of a bangle, from Jhánsi (Mau pargana), exhibited by District Committee, Jhánsi, 4 annas 6 pie, *purchased*, maker Saru of Mau, district Jhánsi.

† *Paijna*, a kind of anklet, from Jhánsi (Mau paragana), exhibited by District Committee, Jhánsi, Rs. 2-15, *purchased*, maker Budhu, Sonar of Mau.

‡ *Gujri*, a kind of anklet, from Jhánsi (Mau pargana), exhibited by District Committee, Jhánsi, Rs. 2-2, *purchased*, maker Bikram, Sonar of Mau.

‡ *Chhalla*, a kind of anklet, from Jhánsi (Mau paragana), exhibited by District Committee, Jhánsi, Re. 1-5, *purchased*, maker Budhu, Sonar of Mau.

§ *Sankar*, a kind of anklet, from Jhánsi (Mau paragana), exhibited by District Committee, Jhánsi, Re. 2-10-6, *purchased*, maker Budhu, Sonar of Mau.

§ *Pairians*, a kind of anklet, from Jhánsi (Mau paragana), exhibited by District Committee, Jhánsi, Re. 1-5, *purchase*, maker Debi, Sonar of Mau.

¶ *Ghungaria*, a kind of anklet, from Jhánsi (Mau paragana), exhibited by District Committee, Jhánsi, Re. 1-3, *purchased*, maker Debi, Sonar of Mau.

** *Ananta*, a kind of toe ornament, from Jhánsi (Mau paragana), exhibited by District Committee, Jhánsi, annas 6, pie 6, *purchased*, maker Budhu, Sonar of Mau.

** *Chhallæ* a kind of toe ornament, from Jhánsi (Mau paragana, exhibited by District Committee, Jhánsi, annas 2, pie 6, *purchased*, maker Budhu, Sonar of Mau.

†† *Bichias*, a kind of toe ornament, ditto, 2 sets, from Jhánsi (Mau paragana), exhibited by District Committee, Jhánsi, Re. 1-9-6, *purchased*, maker Budhu, Sonar of Mau.

†† *Gaindeh*, from Jhánsi (Mau pargana), exhibited by District Committee, Jhánsi, Re. 1-13, *purchased*, maker Budhu, Sonar of Mau.

Bankian, ornament for the smallest toe, from Jhánsi (Mau pargana), exhibited by District Committee, Jhánsi, annas 8, pies 6, *purchased*, maker Budhu, Sonar of Mau.

‡‡ *Barra*, a kind of armlet, frem Jhánsi (Mau pargana), exhibited by District Committee, Jhánsi, annas 8, pie 6, *purchased*, maker Saru.

Gujri, a kind of anklet, 1 pair, from Jhánsi, exhibited by District Committee. Jhánsi, Rs. 2-5, *purchased*, maker Gunpat Sonar of Jhánsi,

Jehai, a kind of anklet, 1 pair, from Jhánsi, exhibited by District Committee, Jhánsi, Rs. 2, *purchased*, maker Gunpat, Sonar of Jhánsi.

Gunsi, a kind of anklet, 1 pair, from Jhánsi, exhibited by District Committee, Jhánsi, annas 14-9, *purchased*, maker Gunpat, Sonar of Jhánsi.

Sarotia, a kind of anklet, 1 pair, from Jhánsi, exhibited by District Committee, Jhánsi, Re. 1-10, *purchased*, maker Gunpat, Sonar of Jhánsi.

Chhalla, a kind of bangle, from Jalaun, exhibited by District Committee, Jalaun, Re. 2-4 per pair, *purchased*, maker Lalu, Sonar of Jalaun.

Paijna, a kind of bangle, from Jalaun, exhibited by District Committee, Jalaun, Re. 1-1, *purchased* maker Lalu, Sonar of Jalaun.

Pajiab, a kind of bangle, from Jalaun, exhibited by District Committee, Jalaun, Re. 1-9-6, *purchased* maker Lalu, Sonar of Jalaun.

Kara, a kind of bangle, from Jalaun, exhibited by District Committee, Jalaun Re. 1-9-6, *purchased*, maker Lalu, Sonar of Jalaun.

* Worn at the wrist.
† Made of bell-metal; used as foot ornament by the women of higher classes. It is peculiar to this part of the country.
‡ Of bell-metal; used by the women of Dimar Bankar, Kachis, &c.
§ Made of bell-metal; used by Chamars and Koris.
‖ Made of bell-metal; used by Chamars and Kangris.
¶ Made of bell-metal; used by all classes.
** Made of bell-metal; worn on the great toe by females of all classes.
†† Made of bell metal; worn on the first, second, and fourth toes.
‡‡ Worn above the elbow.

Kakuma, a kind of bracelet, from Jalaun, exhibited by District Committee Jalaun, annas 3, *purchased*, maker Lalu, Sonar of Jalaun.

Chura, a kind of bracelet, from Jalaun, exhibited by District Committee, Jalaun, annas 3, *purchased*, maker Lalu, Sonar of Jalaun.

Anaota, toe ring, from Jalaun, exhibited by District Committee, Jalaun, annas 3, *purchased*, maker Lalu, Sonar of Jalaun.

Banka, from Jalaun, exhibited by District Committee, Jalaun, annas 3, *sale*, maker Lalu, Sonar of Jalaun.

* *Gunsi*, a kind of anklet, from Lalitpur, exhibited by District Committee, Lalitpur, Rs. 4-4, *purchased*, maker Anandi, Sonar of Lalitpur.

† *Paijna*, a kind of anklet, by exhibited, District Committee, Lalitpur, Re. 1-13, *purchased*, maker Murli, Sonar of Lalitpur.

‡ Lac bangles, 2 pairs, from Sháhjahápur exhibited by District Committee, Sháhjahánpur, Rs. 21-4-4, *purchased*, maker Hajiz-ul-la of Saháranpur.

‡ Glass bangles, 2 pairs, from Sháhajahánpur, exhibited by District Committee, Sháhjahánpur, Rs. 21-4, *purchased*, maker Hajiz-ul-la of Saharanpur.

‡ Glass bangles, 4 pairs, from Saháranpur, exhibited by Municipal Committee, Deoband, Rs. 2, *sale*, maker Pir Baksh of Rámpur, district Saháranpur.

§ Hand rings, 10, from Morabad, exhibited by Sahu Kesho, Saran, Re. 1-8 each, *sale*, maker same as exhibitor.

‖ *Churi* (bracelet specimen), 60, from Etáwah, exhibited by Etáwah Municipality, Re. 1-8, *sale*.

‖ *Churi* 3338, from Etah (Jalesar), exhibited by Jalesar Municipality, Rs. 3, *sale*.

Rings, 63, from Etah (Jalesar), exhibited by Jalesar Municipality, Rs. 8, *sale*.

Glass bangles, 1st quality, from Gházpur, exhibited by District Committee, Gházipur, Rs. 24, *sale*, maker Khuda Baksh.

Glass bangles, 2nd quality, from Gházpur, exhibited by District Committee, Gházipur, Rs. 12, *sale*.

Glass bangles, 3rd quality, from Gházpur, exhibited by District Committee, Gházipur, Rs. 6, *sale*.

Buttons made of thread, 31 dozens, from Meerut, exhibited by District Committee, Meerut, Rs. 7-12, *sale*, maker, Daughters of Amir Baksh of Meerut.

Bánda stone articles.

Solitaires, 13 pairs, from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 5 14, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khán, and Abdulla, stone cutters of Bánda.

Solitaires, jasper, 17 pairs, from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 9-0-6, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla, stone cutters of Bánda.

Solitaires, jasper, 1, pair, from Bánda, exhibited by Government, N. W.-P. and Oudh, Re. 1-1, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla, stone cutters of Bánda.

Solitaires, jasper, 5 pairs, from Bánda, exhibited by Government, N.-W. P. and Oudh, Rs. 5-6, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla, stone cutters of Banda.

Locket, moss agate, 2, from Bánda, exhibited by Government, N. W.-P. and Oudh, Rs. 2-2, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla, stone cutters of Bánda.

Brooch, moss agate, from Bánda, exhibited by Government, N. W.-P. and Oudh, Re. 1-1, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla, stone cutters of Bánda.

* These articles are worn by women of the lower castes; made of a mixture of pewter and copper.
† Made of a mixture of pewter and copper; used by women of all classes.
‡ Superior class of bangles worn by women of higher classes.
§ Moradabad metal ware.
‖ The samples are exhibited by the municipalities of Jalesar, in the Etah district, and Etáwah. From Jalesar they are exported in large quantities. The manufactories give employment to about 300 persons, and the profits are estimated to be about 10 per cent. The wages paid to the workmen are 6 annas a day. The trade is wholly carried on by the Muhammadans.

Brooch, moss agate, 2, *from* Bánda, exhibited by Government, N. W.-P. and Oudh, Re. 1-1, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla, stone cutters of Bánda.

Brooch, moss agate, from Bánda, exhibited by Government, N. W.-P. and Oudh, Re. 1-10, *purchased*, maker Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla, stone cutters of Bánda.

Brooch, moss agate, 2, from Bánda, exhibited by Government, N. W.-P. and Oudh, annas 10-6, *purchased*, makers Khairat Ali, Muhammad Ishaq, Lal Khán, and Abdulla, stone cutters of Bánda.

Brooch, moss agate, 4, from Bánda, exhibited by Government, N. W.-P. and Oudh, Rs. 2-2, *purchased*, maker Khairat Ali, Muhammad Ishaq, Lal Khan, and Abdulla, stone cutters of Bánda.

Combs of *haldu*, 4, from Pilibhít, exhibited by District Committee, Pilibhít, Re. 1, *sale*, maker Najibulla.

* Combs, ebony, 6, from Pilibhít, District Committee, Pilibhít, Rs. 2, *sale*.

† Combs for men, made of horn, 3, from Etáwah, exhibited by District Committee, Etáwah, annas 9, *sale*.

Combs for women, made of horn, 4, from Etáwah, exhibited by District Committee, Etáwah, annas 12, *sale*.

‡ Fan of date-leaf interwoven with gold and silver thread, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-4, *sale*.

Fan of date-leaf interwoven with gold and silver thread, 6, from Agra, exhibited by Municipal Committee, Agra, Rs. 8-4, *sale*.

Fans, plain, from Agra, exhibited by Municipal Committee, Agra, Rs. 1-4, *sale*.

§ Fans, peacock feather, 3, from Agra, exhibited by Municipal Committee, Agra, Re. 1-2, *sale*.

Fans, peacock feather, 2, from Agra, exhibited by Municipal Committee, Agra, annas 6, *sale*.

Fans, peacock feather, 6, from Jhánsi, exhibited by District Committee, Jhánsi, Rs. 6, *sale*, maker Golab Singh, Sudder Bazar, Jhánsi.

Purse, large, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Re. 1-2, *sale*, maker Jail labour.

Purse, small, from Meerut, exhibited by Superintendent, Central Jail, Meerut, annas 6, *sale*, maker Jail labour.

Purse embroidered with gold, from Benares, exhibited by Balbhadar Das, brocade merchant, Benares, Rs. 52-8, *sale*, maker same as exhibitor.

Gold trimming, 10 yards, from Benares, exhibited by Balbhadar Das, brocade merchant, Benares, Rs. 120, *sale*.

Gold embroidered saddle-cloth, from Benares, exhibited by Balbhadar Das, brocade merchant, Benares, Rs. 479, *sale*.

|| *Charjama* (native saddle), from Agra, exhibited by Municipal Committee, Rs. 10, *sale*.

Whip, from Agra, exhibited by Municipal Committee, Re. 1, *sale*.

Whip, from Saháranpur, exhibited by Municipal Committee, Saháranpur, Rs. 2, *sale*, maker Abdullah of Saháranpur.

Whip, from Saharanpur, exhibited by Municipal Committee, Saháranpur, Re. 1-8, *sale*, maker Abdullah of Saháranpur.

Doylers (*darandaz*), 2, from Fyzabad, exhibited by Bismilla Begam, Angoribagh, Fyzabad, Rs. 2-4, *sale* Bismilla Begam.

Doylers (*darandaz*), 1, from Fyzabad, exhibited by Bismilla Begam, Angoribagh, Fyzabad, Rs. 4, *sale*, maker Bismilla Begam.

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* Used by the villagers of the district.

† The trade in these articles is small, as the only purchasers are the Muhammadans and low class Hindus.

‡ The small town of Firozabad, situated on the East Indian Railway, about 26 miles from Agra, has a large trade in cheap fans, of which some specimens are exhibited. The price varies from 4 annas to 3 rupees.

§ In the town of Etáwah, which is also on the East Indian Railway, about 70 miles from Agra, there is a considerable trade in peacock feather fans. Their price is from 2 to 3 annas each.

|| Saddle shops in Agra are found in the Johri Bazar. The trade is not an important one, there being only six or eight shops with some 30 employés. When specially ordered, the work turned out is good; otherwise it is in no way remarkable.

* *Hukka* stem, embroidered, from Agra, exhibited by Municipal Committee, Agra, Rs. 125, *sale*, maker not given.

Hukka silk and gold wire, from Agra, exhibited by Municipal Committee, Agra, Rs. 28, *sale*, maker not given.

Hukka kinkhab pattern, from Agra, exhibited by Municipal Committee, Agra, Rs. 28, *sale* maker not given.

Hukka with flower, from Agra, exhibited by Municipal Committee, Agra, Rs. 12, *sale*, maker not given.

Hukka with rings, from Agra, exhibited by Municipal Committee, Agra, Rs. 9, *sale*, maker not given.

Hukka silver and gold wire, from Agra, exhibited by Municipal Committee, Agra, Rs. 45, *sale*, maker not given.

Hukka (*naichas*) of pure gold wire, from Agra, exhibited by Municipal Committee, Agra, Rs. 15, *sale*, maker not given.

Hukka, red, of silk and gold wire, from Agra, exhibited by Municipal Committee, Agra, Rs. 10, *sale*, maker not given.

Hukka of pure gold wire, 2 from Agra, exhibited by Municipal Committee, Agra, Rs. 15, *sale*, maker not given.

Hukka gokhru, from Agra, exhibited by Municipal Committee, Agra, Rs 7, *sale*, maker not given.

Hukka, green, from Agra, exhibited by Municipal Committee, Agra, Rs. 8, *sale*, maker not given.

Hukka, red, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-8, *sale*, maker not given.

Hukka, black, from Agra, exhibited by Municipal Committee, Agra, Rs. 3-8, *sale*, maker not given.

Hukka, black, with creeper pattern (beldar), from Agra, exhibited by Municipal Committee, Agra, Rs. 7, *sale*, maker not given.

Hukka, purple colour, from Agra, exhibited by Municipal Committee, Agra, Rs. 7, *sale*, maker not given.

Hukka, gokhru, from Agra, exhibited by Municipal Committee, Agra, Rs. 1-8, *sale*, maker not given.

Hukka, mixed colors, from Agra, exhibited by Municipal Committee, Agra, Rs. 3, *sale*, maker not given.

Hukka, black, from Agra, exhibited by Municipal Committee, Agra, Rs. 4, *sale*, maker not given.

Hukka, purple color, from Agra, exhibited by Municipal Committee, Agra, Rs. 4, *sale*, maker not given.

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

CLASS LIII.—MINERALS AND METALLURGIC PRODUCTS.

† Iron stone, from Lalitpur, exhibited by District Committee, Lalitpur, price, not given, *purchased*.

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* This kind of work is carried on in the Nalchabandan Bazar, and gives employment to about 60 men. Nalchas are sold from 4 annas to 10 rupees each and *Paimchwáns* from Rs. 5 to Rs. 800. The materials for making such articles are procurable from the Agra market; *Bhojpatri* (birch bark) being imported from Kashmir, silk from Peshawar and Rampur Bushir. These pipes are exported largely to Bengal. The average profit is 4 per cent., and the wages of the workmen employed are about 2½ annas a day. The trade, which is in the hands of the Muhammadans, is on the decline, and it is alleged that the increasing use of cigars and pipes among the natives of India, more especially of Bengal, has considerably injured it. There is a tradition that the trade was originated by one Jamali Bhatiáli many centuries ago, and even now prayers are offered for the welfare of his soul on the last Wednesday of the Muhammadan month Safar.

† From iron mines of mauza Solda in the south of the district. (*For Sample Room.*)

CLASS LVI.—OILS.

* Twenty specimens of oils, from Allahabad, exhibited by Superintendent, Central Jail, Allahabad, Rs. 6, *sale*, made by Jail labour.
* One bottle of medicinal castor-oil, from Allahabad, exhibited by Superintendent, Central Jail, Allahabad, as. 8, *presentation*, made by Jail labour.
* One bottle of linseed oil, from Allahabad, exhibited by Superintendent, Central Jail, Allahabad, as. 4, *presentation*, made by Jail labour.

CLASS LIX.—LEATHER AND MANUFACTURES FROM LEATHER.

† Table mats, 6, from Aligarh, exhibited by Haji Mohamed Ismail Khan, *Rais* of Datauli, tahsil Atrauli, zilla Aligarh, *loan*, maker Ahsan Ali, book-binder of Aligarh.
† Portmanteau, from Saháranpur, exhibited by Municipal Committee, Saháranpur, Rs. 4, *sale*, maker Azim-ud-din of Saháranpur.
† Portmanteau, from Saháranpur, exhibited by Municipal Committee, Saháranpur, Rs. 9, *sale*, maker Azim-ud-din of Saháranpur.
† A piece of tanned leather, from Saháranpur, exhibited by Municipal Committee, Saháranpur, Rs. 2-4, *sale*, maker Azim-ud-din of Saháranpur.

CLASS LXI.—COTTON MANUFACTURES.

† Selaidar towel, 1 piece, from Lucknow, exhibited by Superintendent, Central Jail, Lucknow, as. 6, *sale*, made by Jail labour.
† Table napkins, 6 pieces, from Lucknow, exhibited by Superintendent, Central Jail, Lucknow, Re. 1-8, *sale*, made by Jail labour.
† Lawn-tennis net, from Lucknow, exhibited by Superintendent, Central Jail, Lucknow, Rs. 5-13, *sale*, made by Jail labour.
† Horse-clothing, from Lucknow, exhibited by Superintendent, Central Jail, Lucknow, Rs. 7, *sale*, made by Jail labour.
† Horse-clothing, from Lucknow, exhibited by Superintendent, Central Jail, Lucknow, Rs. 7, *sale*, made by Jail labour.
† Horse-roller, 6, from Lucknow, exhibited by Superintendent, Central Jail, Lucknow, Rs. 15, *sale*, made by Jail labour.
† Kite-string, brown color, from Lucknow, exhibited by Hingun Khan, Hata Lal Khan, Rs. 2-11, *sale*, maker same as exhibitor.
† Kite-string, yellow and red color, from Lucknow, exhibited by Hingun Khan, Hata Lal Khan, Rs. 6-10, *sale*, maker same as exhibitor.
† Kite-string, five colors, from Lucknow, exhibited by Hingun Khan, Hata Lal Khan, Rs. 4, *sale*, maker same as exhibitor.
† Kite-string, white, from Lucknow, exhibited by Hingun Khan, Hata Lal Khan, Rs. 14-15, *sale*, maker same as exhibitor.
† *Newar*, from Lucknow, exhibited by Baboo, Kashmiri Mohulla, Rs. 2-15, *sale*, maker same as exhibitor.
† *Newar*, from Lucknow, exhibited by Baboo Kashmiri Mohulla, Rs. 8, *sale*, maker same as exhibitor.
† Kite-string, from Lucknow, exhibited by Husain Ali, Suban Nagar, Rs. 17, *sale*, maker same as exhibitor.
† Kite-string, white, from Lucknow, exhibited by Husain Ali, Suban Nagar, Re. 1-6, *sale*, maker same as exhibitor.
† Kite-string, red, from Lucknow, exhibited by Husain Ali, Suban Nagar, as. 12, *sale*, maker same as exhibitor.
† Tape, cotton, from Lucknow, exhibited by Municipal Committee, Lucknow, Rs. 2-4, *sale*, maker Mahomed Hussain.

* These oils were all expressed with the common country press. (Exhibited in the Economic Court.)
† Exhibited in the Sample Room.

* Sample of *newar*, from Fatehgarh, exhibited by Superintendent, Central Jail, Fatehgarh, *presentation*, made by Jail labour.
* Lawn-tennis net, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Rs. 6, *sale*, made by Jail labour.
* Horse-net, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Rs. 8, *sale*, made by Jail labour.
* Head-strap, 1 pair, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Re. 1-8, *sale*, made by Jail labour.
* Horse-roller, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Re. 1-8, *sale*, made by Jail labour.
* Horse girth, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Re. 0-6, *sale*, made by Jail labour.
* Coarse dusters, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Re. 0-6, *sale*, made by Jail labour.

Glass duster, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Re. 0-4, *sale*, made by Jail labour.

* *Gardanis* from Meerut, exhibited by Superintendent, Central Jail, Meerut, Re. 18, *sale*, made by Jail labour.

CLASS LXIII.—WOOL (RAW) AND YARN.

† Samples of colored wool, from Agra, Superintendent, Central Prison, Agra, not for sale, made by Jail labour.

CLASS LXV.—MANUFACTURES FROM JUTE.

‡ Sample of Kidderminster, from Meerut, exhibited by Superintendent, Central Jail, Meerut, Rs. 2-8, *sale*, made by Jail labour.
‡ Hemp rope, 2 skeins, from Lucknow, exhibited by Ji Bodh, Chaupatta, Lucknow, Rs. 0-10, *sale*, maker Ji Bodh.

CLASS LXVII.—OTHER FIBRES.

§ Sample of string from Fatehgarh, exhibited by Superintendent, Central Jail, Fatehgarh, *presentation*, maker Jail labour.
§ String (*bán*), from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Re. 0-2-6, *sale*.
§ A roll of munj *bán*, or string for charpoys, from Rámpur State, exhibited by His Highness the Nawab of Rámpur, *presentation*, maker Gholam Muhammad.
§ Gunny sheet, 2 pieces, from Sultanpur, exhibited by District Committee, Re. 1-8, *purchased*, maker Lgkhye Kurmi, Dhema, tahsil Amethi.

CLASS LXVIII.—PAPER.

Paper, from Jalaun, exhibited by District Committee, Rs. 4-4. *purchased*, maker Madari.

CLASS LXXII.—BUILDING MATERIALS, EXCLUSIVE OF CEMENT.

‖ Model showing Allahabad tiles, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, Rs. 6, *sale*, made by Jail labour.

* Exhibited in the Sample Room.
† Exhibited in Sample Room.
‡ Exhibited in Sample Room.
§ Sample Room.
‖ The model is designed to show the Allahabad tiles. It represents a prison sleeping apartment.

Tiles, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 25 per 100, *samples*, made by Jail labour.
* Allahabad flat tiles, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 35 per 100, *samples*, made by Jail labour.
* Allahabad half round tiles, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 15 per 103, *samples*, made by Jail labour.
* Syrian tiles, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 25 per 100, *samples*, made by Jail labour.
* Syrian tiles, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 25 per 100, *samples*, made by Jail labour.
* Ordinary bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 9 per 100, *samples*, made by Jail labour.
* Cornice bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 9 per 100, *samples*, made by Jail labour.
* Arch bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 9 per 100, *samples*, made by Jail labour.
* Well bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 18 per 100, *samples*, made by Jail labour.
* Roofing bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 14 per 100, *samples*, made by Jail labour.
* Drain bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 9 per 100, *samples*, made by Jail labour.
* Lintel bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 9-9 per 100, *samples*, made by Jail labour.
* Hexagonal bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 18 per 100, *samples*, made by Jail labour.
* Border bricks, from Bareilly, exhibited by Superintendent, Central Jail, Bareilly, Rs. 9 per 100, *samples*, made by Jail labour.
† Screens 3′ × 2½ × 1½′ of white and red sandstone, 24, from Agra, exhibited by Municipal Committee, Agra, Rs. 480, *sale*, maker Shaikh Gullam.

CLASS LXXVI.—DYEING AND COLORING MATERIALS.

* *Zangar* (verdigris), from Lucknow, exhibited by Muzaffar Husain, Rs. 2-2, *sale*. maker Muzaffar Husain.

CLASS LXXVIII.—TOBACCO.

* Smoking tobacco, 3 kinds, from Lucknow, exhibited by Mahomad Abbas, Aminabad, Rs. 17-1, *sale*, maker Muhamad Abbas, Aminabad.

SECTION G.—MACHINERY AND IMPLEMENTS, MEANS OF TRANSPORT, APPLIANCES AND PROCESSES USED IN THE COMMON ARTS AND INDUSTRIES, INCLUDING MODELS AND DESIGNS.

CLASS XCII.—BLACKSMITH'S WORK, LOCKS, SAFES, &C.

Lock, from Budaun, exhibited by District Committee, Budaun, *loan*.

* Sample Room.
† This is one of the principal trades in Agra. It is not confined to any creed or caste, and about 2,000 men are known to be engaged in it. The stone comes from Tantpur in Agra and Rupbas in Bhartpur. The white stone of the Dholpur quarries is admirably adapted for this work, but it is so hard that the stone-cutters never use it. The variety of patterns is very great, but the most popular ones are those which are found in the marble screen-work of Fatehpur-Sikri, Etimad-ud-daula, and the Agra Fort. Workmen's wages are very high, being from 5 to 8 annas per day, and the profits are estimated at 12 per cent. The trade is *increasing* and the manufactures are exported to all parts of India. The average price ranges from Re. 1-8 to Rs. 3 per square foot, according to the pattern selected. The railway freight from Agra to Calcutta is Rs. 2-5 per maund.
(This screen work forms the frontage to the North-Western Provinces and Oudh Court.)

Lock, from Gonda, exhibited by District Committee, Gonda, not priced, *sale*, maker Mangal Lohar of Dhanepur, Gonda.
Lock, from Gonda, exhibited by District Committee, Gonda, *sale*, maker Mangal Lohar of Dhanepur, Gonda.
Lock, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, *loan*, maker not given.
* Padlocks, in the form of a horse, from Sháhjahánpur, exhibited by District Committee, Sháhjahánpur, as. 8-6, *purchased*, maker Dahlu Lohar of Tilhar.
† Padlock, large, from Sháhjahánpur, exhibited by District Committee, Sháhjahánpur, Re. 1-1, *purchased* maker Dahlu Lohar of Tilhar.

CLASS XCVII.—TOBACCO MANUFACTURE AND IMPLEMENTS USED IN THE CONSUMPTION THEREOF.

Tobacco-cutter, from Lalitpur, exhibited by District Committee, Lalitpur, Rs. 2-11, *purchased*, maker Jhagru of Talbehat.
Pipe accessories, from Lalitpur, exhibited by District Committee, Lalitpur, Re. 1-8, *purchased*, maker Jhagru of Talbehat.

CLASS XCVIII.—SPINNING AND WEAVING.

‡ Miniature model of loom and warp with carpet, from Allahabad, exhibited by Superintendent, Central Prison, Allahabad, *sale*.
§ Carpet loom, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 40, *sale*.
Spinning wheel, from Agra, exhibited by Superintendent, Central Prison, Agra, Rs. 5, *sale*.

CLASS CIII.—ELECTRO-PLATING.

‖ Tea-pot, specimen of electro-plating, from Agra, exhibited by Sundar Lal & Co., Rs. 20, *sale*.
A flask, from Agra, exhibited by Sundar Lal & Co., Rs. 16.
Mustard-pot, from Agra, exhibited by Sundar Lal & Co., Rs. 5.
Milk-jug, from Agra, exhibited by Sundar Lal & Co., Rs. 7.

CLASS CIX.—COTTON-PRINTING.

¶ Cotton-printing apparatus, from Agra, exhibited by Superintendent, Central Prison, Agra. Rs. 25, *sale*.
Cotton-printing apparatus, from Farukhabad, exhibited by Municipal Committee, Farukhabad.

* The lock is opened by inserting the pin in front and by pushing out the tail.
† The lock is opened by a pin and key. First push the upper portion of the lock in the direction indicated by the arrow: you will find a hole under it: put the pin into it and pass it downward and pull off the spring. When this is done, insert the key and turn it round from right to left.
‡ In the Economic Court.
§ To be seen in the centre aisle in full work.
‖ This trade has only lately been started at Agra, and is progressing owing to the excellence of the work turned out by the firm of Messrs. Sundar Lal & Co.
¶ A native shop from Farukhabad constructed of wooden framework, painted; set up near the exit from the Economic Court, in which men show the work of cotton-printing daily.

SECTION H.—FOOD PRODUCTS.

CLASS CXXIV.—CONFECTIONERY.

* Sugarcandy, almonds, from Lucknow, exhibited by Nabi Bakhsh, Bash Mandi, Rs. 5-3, *sale*, maker Nabi Bakhsh.
* Sugarcandy, shells from Lucknow, exhibited by Kasim Ali, Rs. 6, *sale*, maker Kasim Ali.
* Sugarcandy, *betel*, from Lucknow, exhibited by Kasim Ali, Rs. 4-4, *sale*, maker Kasim Ali.
* Sugarcandy, *khirni*, from Lucknow, exhibited by Ikram Ali, Rs. 3-2, *sale*, maker Ikram Ali.

CLASS CXXV.—JAMS AND JELLIES.

* *Petha* preserved, fishshaped, from Lucknow, exhibited by Nabi Bakhsh, Bash Mandi, Rs. 4-12, *sale*, maker Nabi Bakhsh.
* *Petha* preserved, grape shaped, from Lucknow, exhibited by Ikram Ali, Rs. 7-3, *sale*, maker Ikram Ali.
* Mango preserved, from Lucknow, exhibited by Kasim Ali, Rs. 4-8, *sale*, maker Kasim Ali.

CLASS CXXVIII.—PICKLES, SAUCES, CHUTNEYS AND CURRY-POWDER.

* Pickle (sweet), from Lucknow, exhibited by Kasim Ali, Bash Mandi, Re. 1-2, *sale*, maker Kasim Ali.
* Pickle (*kachunar*), from Lucknow, exhibited by Nabi Bakhsh, Re. 1-4, *sale*, maker Nabi Bakhsh.
* Fruit chutney, from Lucknow, exhibited by Ikram Ali, Rs. 2-2, *sale*, maker Ikram Ali.
* Naoratan chutney, from Lucknow, exhibited by Ikram Ali, Rs. 2-2, *sale*, maker Ikram Ali,
* Pickle (*yamni*), from Lucknow, exhibited by Ikram Ali, Re. 1-3, *sale*, maker Ikram Ali.

SECTION I.—AGRICULTURE AND HORTICULTURE.

CLASS CXXXVII.—COLLECTION OF AGRICULTURAL PRODUCTS.

† 19 specimens of rice, from Rámpur State, His Highness the Nawáb of Rámpur, *presentation*.

* Exhibited in the Economic Court.
† Placed in the Economic Court. Most of these samples are produced in the Tarái, but those sent to the Exhibition had been procured from Badridan, a town containing a population of 10,000 people, situated on the Naini Tal road about 14 miles from Moradabad, which is a great mart for rice. The enterprising Banjaras of this town buy almost three-fourths of the produce of rice in Tarái and Kumaun and within a radius of 100 miles, which they prepare and export to the Panjáb and Rajputana and the surrounding districts.
The Agricultural Department contributed large quantities of raw produce to the Economic Court.

CLASS CXL.—PROCESSES, IMPLEMENTS, AND MACHINES APPLIED TO AGRICULTURAL AND HORTICULTURAL PRODUCTS.

Wooden corn-mill, from Saháranpur, exhibited by Chajjumal of Nokim, Rs. 8, *sale*, maker Sri Ram.

CLASS CXLI.—PROCESSES, IMPLEMENTS, AND MACHINES USED FOR IRRIGATION.

[1] Wooden Persian wheel, from Saháranpur, exhibited by Chajjumal of Nokim, Rs. 8, *sale*, maker Sri Ram.
[1] Wooden Persian wheel, from Saháranpur, exhibited by Chajjumal of Nokim, Rs. 10, *sale*, maker Sri Ram.
[2] Excavator for excavating or cleaning out wells, from Saháranpur, exhibited by C. C. Sullivan, Esq., Roorkee, *loan*.

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

CLASS CXLV.—ARCHÆOLOGICAL COLLECTION.

Ancient Coins.

[3] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[4] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[5] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[6] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[7] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[8] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[9] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[10] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[11] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[12] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[13] Coin, from Farukhabad, exhibited by Pandit Lachman Narain, *loan*.
[14] Coin, from Farukhabad, exhibited by Mr. G. J. Nicholls, late Collector, Farukhabad, *loan*.

[1] These were sent separate from the extensive series of models and implements exhibited by the Agricultural Department of the province.
[2] The power of this excavator adapts it to any class of sub-soil foundation, being equally capable of removing sands, clay, kankar, and gravel, however compact or at any depth below water. It can excavate under a well curb at a distance equal to about half the length of the scoop. It can be worked by one man only and by means of a single rope or chain. When the scoop is full, it ascends with the mouth uppermost. Excavators can be made on this principle of any size or capacity desirable. The present is well adapted for well-cleaning. For further particulars apply to C. C. Sullivan, Esq., Roorkee.
[3] One goldmohur of Akbar's reign, H. 978.
[4] One square rupee of Sultan Shah, H. 1020.
[5] One round rupee of Bahadur Shah, H. 1251.
[6] One coin of Raja Ram Singh's reign, S. 31 of Jaipur.
[7] ,, Akbar.
[8] ,, Nizam-ul-mulk of Hyderabad, H. 1283.
[9] ,, Charm Christian, Venetian.
[10] One rupee, Nazir-ud-din Haidar of Lucknow, H. 1252.
[11] Two small old silver pieces.
[12] Two halves of cut coin.
[13] Eight copper coins.
[14] One new Portuguese rupee, Goa.

[1] Coin, from Farukhabad, exhibited by Mr. G. J. Nicholls, late Collector, Farukhabad, *loan.*
[2] Coin, from Farukhabad, exhibited by Mr. G. J. Nicholls, late Collector, Farukhabad, *loan.*
[3] Coin, from Farukhabad, exhibited by Mr. G. J. Nicholls, late Collector, Farukhabad, *loan.*
[4] Coin, from Farukhabad, exhibited by Mr. J. Nicholls, late Collector, Farukhabad, *loan.*
[4] Coin, from Farukhabad, exhibited by Mr. J. Nicholls, late Collector, Farukhabad, *loan.*
[4] Coin, from Farukhabad, exhibited by Mr. J. Nicholls, late Collector, Farukhabad, *loan.*
[5] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[6] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[7] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[8] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[9] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[10] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[11] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[12] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[13] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[14] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[15] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[16] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[17] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[18] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[19] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[20] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[21] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[22] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[23] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[24] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
[25] Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
Coin, from Farukhabad, exhibited by Munshi Nund Kishore, *loan.*
Coin, from Fatehgarh, exhibited by Munshi Nand Kishore, *loan.*

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[2] One coin of Alwar.
[3] ,, of Bhopal, 12.
[3] ,, of Hyderabad.
[4] Unknown.
[5] Ibrahim Shah *alias* Sultan-ul-Sharak of Jaipur, Rs. 11-0-1, found at Bánda.
[6] Tugluk Shah, 3; Feroz Shah, 2. Found in Saháranpur.
[7] Mahomed Shah — Pice 15.
[8] Tuglak (Jalal-ud-din Dunnya Wadin) rupee.
[9] ,, ,, pice.
[10] Rupee of Sikandar Lodi.
[11] Shahi ,, ,,
[12] Feroz Shah, pice 3.
[13] Double pice of Sikandar Lodi.
[14] Rupee of Akbar's reign.
Mahomed Shah.
[15] Farukh Shere.
[16] Copper pice (unknown).
[17] Piece of white metal (unknown).
[18] Pice, Tirshali Ballashahi, perhaps Govinda Rao of Srinagar.
[19] Rupee, Datia Taksa.
[20] ,, Srinagar Taksal.
[21] Gujja Shahi, Subhadar of Tehri, H. 1100.
[22] Raja Shahi Pratab Singh, Mint of Chhatharpur,
[23] Emperor Shah Alam, Mint of Kalpi.
[24] Hindi inscription (unknown). Partab Chand.

[1] Coin, from Fatehgarh, exhibited by Munshi Nand Kishore, *loan.*
[2] 19 coins, gold 2, silver 9, raw 8, from Fatehgarh, exhibited by Luchmi Narain, *loan.*
[3] 9 coins, silver, 7, gold 1, alloy 1, from Fatehgarh, exhibited by Sidh Gopal, *loan.*
[4] silver coins, from Fatehgarh, exhibited by Mr. Nicholls, *loan.*
[5] 2 gold coins, from Fatehgarh, exhibited by Mr. Mulock, *loan.*
6 copper coins, from Fatehgarh, exhibited by Mr. Denman, *loan.*
[6] 57 coins in 6 rows, Fatehgarh, exhibited by Munshi Nand Kishore, *loan.*
[7] 58 copper coins in 4 rows, from Fatehgarh, exhibited by Mr. Ward, Fatehgarh, *loan.*
[8] 47 copper coins in 4 rows, from Fatehgarh, exhibited by Mr. Ward, Fatehgarh, *loan.*
[8] 35 coins in 4 rows, 1 copper and 34 silver, from Fatehgarh, exhibited by District Committee, *loan.*
[9] 34 coins in 3 rows, silver 19, other 15, from Fatehgarh, exhibited by District Committee, *loan.*
[9] 57 coins in 6 rows, silver 48, gold 2, other 7, from Fatehgarh, exhibited by District Committee, *loan.*
[9] 25 coins in 3 rows, silver 18, gold 2, copper, from Fatehgarh, exhibited by District Committee, *loan.*
[10] 26 silver coins in 4 rows, from Fatehgarh, exhibited by District Committee, *loan.*
[11] 108 coins in 9 rows, copper from Fatehgarh, exhibited by Mr. Nelson, *loan.*
95 coins in 8 rows, copper, from Fatehgarh, exhibited by Mr. Nelson, *loan.*
99 coins in 9 rows, copper, from Fatehgarh, exhibited by Mr. Nelson, *loan.*
96 coins in 8 rows, copper, from Fatehgarh, exhibited by Mr. Nelson, *loan.*
96 coins in 8 rows, copper, from Fatehgarh, exhibited by Mr. Nelson, *loan.*
104 copper coins in 9 rows, from Fatehgarh, exhibited by Mr. Nelson, *loan.*
29 in 3 rows, 27 silver and 2 copper, from Fatehgarh, executed by Pandit Jaggat Narain.
7 in 1 row, 2 silver and 5 copper, from Fatehgarh, executed by Janki Das, *loan.*
107 in 9 rows, copper, from Fatehgarh, executed by Mr. Nelson, *loan.*
108 in 9 rows, from Fatehgarh, executed by Mr. Nelson, *loan.*

Ancient sacrificial and domestic utensils.

[12] Sacrificial lamp, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[13] Holy water *lota* (*gangajali*), 3, from Agra, exhibited by Captain Monk Mason, R.A., Agra.
[14] Holy water *lota* (*gangajali*), 3, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[15] Vessels for holy water (*jambu*), 3, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[16] Vessels for holy water (*jambu*), 3, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*

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[1] Copper, Kananj.
[2] Gungadhar of Jalaun, Mint of Jalaun.
[3] Nagpuri.
[4] Padshahi.
[5] Copper, ancient.
[6] 21 appears to be silver and 36 copper.
[7] Sankasa collection. Collected by the exhibitor.
[8] As above.
[9] Kanauj collection.
[10] ,, through Raja Sahib.
[11] Property of Government Treasury Jalalabad.
[12] Made probably at Tanjore; collected at Mirzapur.
[13] ,, in Panjab.
[14] ,, in Púnah.
[15] ,, in Benares.
[16] Made of gold, silver, copper, lead, tin, and other articles; engraved with the incarnations of Vishnu and other gods. Made probably in Panjab.

[1] Vessels used in worship (*ghanti*), 4, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[2] *Lota* for keeping pure water in for worship in temples, 4, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[3] Fakir's *lota*, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[4] Drinking vessels (*aftaba*), 3, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[5] Drinking vessels for wine (*chuski*), from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[6] Drinking vessels for wine (*jhari*), from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[7] *Hukka* (*gurguri*), 4, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[8] Incense burner (*dhupdan*), 2, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[9] Stand for shell (*shankha singhasan*), from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[10] Stands for gods to sit on (*singhasan*), , exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[11] Back of *singhasan*, from Agra, exhibited by Captin Monk Mason, R.A., Agra, *loan.*
[12] Chariot (*rath*), from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[13] Spittoons (*pikdan*), 2, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[14] *Lota* stand from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[15] Cover of box for holding food for the gods, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[16] Vessel used in worship (*panchpatri*), from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[16] Armlet (*baju*), 5, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[17] Plates for offering food to the gods, 2, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[18] Horoscope (*jantri*), from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[9] Minor case (*darpan*), 2, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*

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[1] Large one with copper tip, probably from Nepal. The medium-sized one Benares. Small one Tanjore, also other large one.
[2] Large one probably from Puri, Jagannath, Bengal; others probably from Benares, Panjab, or Tanjore.
[3] From Nepal.
[4] Largest supposed to have been made at Bida in Aurangabad; others probably from Panjab.
[5] Used in Rájputana for sipping strong liquors out in small quantities.
[6] Probably made in the Deccan.
[7] ,, made in Pindi Bhetia or Pind Dadan Khan, Panjab.
[8] Used in the worship of Mahadeva, probably made at Benares, Muttra, or Nadia.
[9] Probably Benares; used for the shell to stand on in temples.
[10] One with elephant engraved on it is from Nepal. Remainder probably from Nepal.
[11] From Benares.
[12] From Jeypur.
[13] Probably from Pind Dadan Khan.
[14] Fatehgarh.
[15] From Nepal; made of five metals.
[16] Round one, Kedar Kanghan *baju*, worn by Nepali jogis.
Two flat ones Mahabir *baju*.
,, ,,
Two with rows of figures of Jagannath.
[17] From Benares or Lucknow.
[18] Small one probably from Benares; large one unknown, probably Muhammadan.
[19] Large one without cups, probably Gujerat or Deccan.

[1] Incense burner (*arti*), 3, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[2] Gods belonging to Hindu mythology, 20, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[3] Betel-box (*khasdan*), from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*
[4] Ivory carved figures, very old, 7, from Agra, exhibited by Captain Monk Mason, R.A., Agra, *loan.*

CLASS CXLVI.—WEAPONS AND IMPLEMENTS OF THE CHASE.

[5] Matchlock, from Lalitpur, exhibited by District Committee, Rs, 23-6, *purchased*, maker Jhagru of Talbehat.
[6] Hatchets, 2, from Lalitpur, exhibited by District Committee, Rs. 4-4, *purchased*, maker Jhagru of Talbehat.
Spear-heads, 2, from Lalitpur, exhibited by District Committee, Rs, 4-4, *purchased*, maker, Jhagru of Talbehat.
[7] Hunting knife, from Lalitpur, exhibited by District Committee, Rs. 3-3, *purchased*, maker Jhagru of Talbehat.
[8] A sword, "Incomparable," from Sitapur (Oudh), exhibited by Rája Amir Hussan Khan, Bahadur, talukdar, Mahamadabad, *loan*, maker unknown.
[9] A sword taken from the aborigines of Oudh, from Sitapur (Oudh), exhibited by Rája Amir Husan Khan, Bahadur, talukdar, Mahamadabad, *loan*, maker unknown.
1 bow and 30 arrows, from Jalaun, exhibited by District Committee, Rs. 10, *purchased*, makers Imani and Kishori.
[10] 2 pistols with bayonets, from Benares, exhibited by His Highness the Maharaja of Benares, *loan*, maker not given.
A gun, Lahori fashion, from Benares, exhibited by His Highness the Maharaja of Benares, *loan.*
A gun, enamelled, from Benares, exhibited by His Highness the Maharaja of Benares, *loan.*
Large heavy gun used by late Maharaja Udit Narain Singh of Benares, from Benares, exhibited by His Highness the Mahárája of Benares, *loan.*
Sahu Rája's sword inscribed with the name of Sivaji, son of Sahu, and founder of Mahratta supremacy, from Benares, exhibited by His Highness the Maharaja of Benares *loan.*
A dagger, from Benares exhibited by His Highness the Máhárája of Benares, *loan.*
A hand stick, which can be used as a muzzle-loading gun and also as a spear, and has a knife and ramrod inside, with silver mounting, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 30, *sale*, maker Imam-uddin of Rámpur.

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[1] Small one from Benares.
[2] Hanuman, Mahadeo, Ganesh, Panchamukhi Mahadeo, Garur, Kangnath, Devi, Durga, Krishna, Radha, &c., &c.
[3] Probably from Benares.
[4] Probably made at Guzeret, Rajputana or Amritsar. The information as to the names of the articles has been obtained from Pandits of Agra. It is impossible to arrive correctly at the dates of manufacture, but nearly all the things are very old and a number are believed to be unique. Most of the shapes and the style of ornamentation are obsolete now. The collection was made chiefly in the North-Western Provinces and Rajputana, but comprises articles (chiefly used in religious ceremonies) made all over India. Some of the shapes are very similar to some of the plates in Dr. Birdwood's Arts of India.
[5] Matchlock used by Thakurs and others of Bundelkhand.
[6] A hatchet carried by native sportsmen.
[7] The knives made by the artist are preferred by many European sportsmen to English knives. They are much cheaper and have a very keen edge.
[8] Was granted by Emperor Jahangir to the ancestors of Rája Amir Hasan Khán.
[9] Was captured from the aborigines of Oudh by the ancestors of Rája Amir Hasan Khán during the reign of the Delhi Emperor Nasir-ud-din.
[10] By the shock of the bayonet striking an object the trigger is released and the pistols discharged.

* A rifle in wooden and leather case with requisite implements, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, Rs. 1,000, *loan*, maker Elahi Baksh, in the service of the Nawáb.

† A small sword with gold hilt, from Rámpur State, exhibited by His Highness the Nawáb of the Nawáb of Rámpur, Rs. 200, *loan*, maker the Nawáb.

A large sword with gold hilt, from Rámpur State, exhibited by His Highness Rámpur, Rs. 150, *loan*, maker the Nawáb.

‡ Daggers with agate handles, 2, from Agra, exhibited by Inder Singh, Rs. 30, *sale*, maker Inder Singh.

Daggers with agate handles, 2, from Agra, exhibited by Inder Singh, Rs. 10, *sale*.

Daggers with agate handles, 2, from Agra, exhibited by Inder Singh, Rs. 12, *sale*.

4 Knives, from Agra, exhibited by Inder Singh, Rs. 16, *sale*.

4 Knives, from Agra, exhibited by Inder Singh, Rs. 12, *sale*.

Poniard, from Agra, exhibited by Inder Singh, Rs. 15, *sale*.

Nepali dagger, from Agra, exhibited by Inder Singh, Rs. 20, *sale*.

Sword (double-edged), from Agra, exhibited by Inder Singh, Rs. 200, *sale*.

Sword Gujrat, from Agra, exhibited by Inder Singh, Rs. 15, *sale*.

Sword Gujrat, from Agra, exhibited by Inder Singh, Rs. 12, *sale*.

Sword Ispahan, from Agra, exhibited by Inder Singh, Rs. 120, *sale*.

Kabuli dagger, from Agra, exhibited by Inder Singh, Rs. 20, *sale*.

Kabuli dagger, from Agra, exhibited by Inder Singh, Rs. 15, *sale*.

Bow, steel, from Agra, exhibited by Inder Singh, Rs. 30, *sale*.

Shield steel, from Agra, exhibited by Inder Singh, 35, *sale*.

Helmet steel, from Agra, exhibited by Inder Singh, Rs. 28. *sale*.

Chain armour, complete, from Agra, exhibited by Inder Singh, Rs. 120, *sale*.

§ Agate handle sword, with velvet embroidered scabbard, from Lucknow, exhibited by Nawáb Muhammad Mirza Mehndi Ali, Khan Bahadur, *loan*.

Agate handle knife, with velvet embroidered scabbard from Lucknow exhibited by Nawáb Muhammad Mirza Mehndi Ali, Khan Bahadur.

Agate handle dagger, with velvet embroidered scabbard, from Lucknow exhibited by Nawáb Muhammad Mirza Mehndi Ali, Khan Bahadur, *loan*.

CLASS CXLVII.—IMPLEMENTS CONNECTED WITH FISHERIES.

|| Fishing reels, 3, from Rámpur State, exhibited by His Highness the Nawáb of Rámpur, *loan*.

|| Fishing line, 8 skeins, from Rámpur State exhibited by His Highness the Nawáb of Rámpur, *loan*.

¶ Boat (small), from Bara Banki, Oudh, exhibited by District Committee, Rs. 10, *sale*, makers fishermen of Byramghat on the Gogra.

¶ Drag net (large), from Bara Banki, Oudh, exhibited by District Committee, Rs. 6-9-3, *sale*, maker, fishermen of Byramghat on the Gogra.

¶ Hand net (small), from Bara Banki, Oudh, exhibited by District Committee, As. 4, *sale*, maker, fishermen of Byramghat on the Gogra.

¶ Fence of *narkul* for stopping fish from escaping, from Bara Banki, Oudh, exhibited by District Committee, Anna . 1, *sale*, makers fishermen of Byramghat on the Gogra.

¶ Fence of *narkul* for stopping fish from escaping, from Bara Banki, Oudh, exhibited by District Committee, As. 3, *sale*, makers fishermen of Byramghat on the Gogra.

* Every part of the rifle was made at Rámpur. It is an exact copy of an English rifle that was presented to the Nawab.

† Made by Fyaz, well known throughout India as a remarkable sword-maker, who died about 10 years ago. His blades up to this day fetch high prices and are remarkable for their tempering edge.

‡ In this collection the handles and setting of the weapons can alone be claimed as Agra work.

§ This was used by Nawáb Barhan Mulk.

|| Made at Rámpur

¶ Placed in the ethnological section, Economic Court.

* Hemp string with hook, from Bara Banki, Oudh, exhibited by District Committee, As. 11-6, *sale*, makers fishermen of Byramghat on the Gogra.

Cotton string with hook, from Bara Banki, Oudh, exhibited by District Committee, As. 11-6, *sale*, makers fishermen of Byramghat on the Gogra.

† *Soya, sirki-ka* from Bara Banki, Oudh, exhibited by District Committee, As. 2 *sale*, makers fishermen of Byramghat on the Gogra.

† *Ganda, senthé-ka*, from Bara Banki, Oudh, exhibited by District Committee As. 3, *sale*, maker fishermen of Byramghat on the Gogra.

‡ Net on six bamboo poles, with a wooden hook, from Bara Banki, Oudh, exhibited by District Committee, Re. 1-8, *sale*, makers fishermen of Byramghat on the Gogra.

‡ Net on two bamboo poles, from Bara Banki, Oudh, exhibited by District Committee, Rs. 2-2 *sale*, makers fishermen of Byramghat on the Gogra.

‡ Bamboo spear with 5 iron blades, Bara Banki, Oudh, exhibited by District Committee, Re. 1, *sale*, makers fishermen of Byramghat on the Gogra.

‡ Bamboo poles with 8 iron blades from Bara Banki, Oudh, exhibited by District Committee, As. 4, *sale*, maker fishermen of Bygramghat on the Gogra.

* Fishing rod with hook suspended, from Bara Banki, Oudh, exhibited by District Committee, As. 1-6, *sale*, makers fishermen of Byramghat on the Gogra.

* Fishing rod with hook suspended, from Bara Banki, Oudh, exhibited by District Committee, As. 1-6, *sale*, maker fishermen of Byramghat on the Gogra.

* *Tapas* from Bara Banki, Oudh, exhibited by District Committee, As. 3, *sale*, makers fishermen of Byramghat on the Gogra.

* *Tapas* from Bara Banki, Oudh, exhibited by District Committee, As. 2, *sale*, makers fishermen of Byramghat on the Gogra.

* *Kirwa lans* from Bara Banki, Oudh, exhibited by District Committee As. 6, *sale*, makers fishermen of Byramghat on the Gogra.

§ Fishing line, from Lucknow, exhibited by Hingan Khan, Rs. 2-2, *sale*, maker same as exhibitor.

§ 41 fishing hooks of different sizes, remarkable for their strength and durability, from Rámpur State, exhibited by His Highness the Nawab of Rámpur, not given, *presentation*, maker same as exhibitor.

* Placed in the ethnological section, Economic Court.

† Wicker-work traps.

‡ Placed in the ethnological section, Economic Court.

§ Sample-room.



TRADE AND MANUFACTURES OF THE PUNJAB.

The following brief summary of the characteristic productions of each district is printed at the foot of a large map of the province exhibited on the east wall of the courts allotted to the Punjab.

1.—DELHI.

An important trade centre, with three converging railways. It is a great centre of the import trade in European piece-goods, and of the export trade in wheat, cotton, and hides; it carries on also an important trade with the North-West Provinces in gram, and is the chief depôt for the large trade which results from the interchange between these provinces and Rajputana—of the sugar produced in the former, for the salt of the latter. It also carries on a large trade in iron, in Indian piece-goods, in rice, and in oilseeds. In 1881-82, 36,874 maunds of cotton were sent to Howrah, and 11,021 maunds to Bombay. There is no considerable manufacture of cotton-goods, of colored cotton-printing very little, tinsel printing is done on English fabrics. The characteristic trades are—

Jewelry.—Especially combinations of precious stones with gold, jade, or enamel, filigrain gold and silver work; silver necklaces of mountain and other patterns; gold *babúl* work, ornaments studded with minute points separately soldered on—a speciality. Gilt wire drawing and trades connected with gilt thread embroidery, as embossed gold and silver work on cloth or velvet for elephant housings, state carpets, horse trappings, &c. Frame embroidery, as table-covers, tea cosies, slippers, screens, &c. Silk embroidery on net, Cashmere, broad-cloth, &c. Gold and silver lace, and gilt thread and wire ornaments of all kinds, true and false. Fancy shoes, jewelled and gold-embroidered. Glazed pottery, a coarse and very fragile, but semi-translucent, true porcelain—a new and rising trade. Cutting, silvering, and bevelling plate glass for mirrors. Ivory carving, a small trade. Figurings in terra-cotta. Colored models of snakes in terra-cotta. Stone-carving is still good here. Lac and glass bangles. A variety of cheap and flimsy articles of personal adornment.

2.—GURGAON.

At Rewari, a large manufacture of domestic articles and some fancy goods in copper and brass, worth in 1881-82 Rs. 90,525. Muslin *pagris* also at Rewari. Glass bangles at Sohna. Common carpets at Palwal and Hasanpur. The slate quarries of Rewari give an outturn of about Rs. 40,000 worth of slates *per annum*.

3.—KURNAL.

At Panipat, silver beads. Cutlery articles, fantastically ornamented with brass, as penknives, scissors, *sarotas*, &c., colored glass sometimes introduced. At Kaithal, *chauṭahi*, cotton cloth with colored borders, made for exportation to Patiala and the rest of the Punjab.

4.—HISSAR.

Phulkaris.—A curious and characteristic woolen *phulkari* worked here by peasant women; red ground with sampler stitch, archaic patterns. Leather hukkas mounted with brass, copper, or silver. At Bhiwani, good wood-carving, also brass and bell-metal articles.

5.—ROHTAK.

Phulkaris.—Excellent *tanzeb* muslins. Cotton printing in tinsel (exceptionally good). Cotton cloth dyeing—a speciality, at Jhajjar. The pottery of Jhajjar (unglazed) is very good. At Beri walking sticks and writing boxes.

6.—SIRSA.

Phulkaris.—Cotton, also woollen sampler stitch, embroidered chaddars similar to those from Hissar. Leather and brass hukkas.

7.—UMBALLA.

Large military cantonment, with no special trade. At Jagadhri, good brass ware for domestic purposes and fancy articles,—an export trade. At Deba-Bassi and other villages, cotton prints, narrow width unlike any other Punjab districts; many made for and sold in the hills. At Shahabad, first-rate seal-engraving and silversmith's work. Crude borax from Tibet is refined in quantities at Jagadhri.

8.—LUDHIANA.

Both wool and cotton goods, and a considerable corn trade. Cotton *gamrúns*, woven small check cloths, suitable for summer clothing. Good shawls, *jamewars*, Rampur chudders, and other woollen fabrics, plain and embroidered At Rahawan, superior padlocks. Shoes are well made in this district for export.

9.—SIMLA.

At Bilaspur, leather and quill work. In Simla Bazar, ornamental furniture and wood work in walnut, &c. At Kalka, basket work in bamboo. At Kotgarh, tea. Coarse woollen fabrics. Neat basket work is done all over the Simla hills with split ringall bamboos. Small trade in these small bamboos with the plains, Delhi, &c., for *nechas* (hukka pipes). Potatoes sent to the plains. Iron smelting on a small scale in the *Kotkhai pargana*. *Pashmina* woollen fabrics at Subathu.

10.—JULLUNDUR.

Chief trade sugar, specially at Rahon, formerly noted for its *ghatti* (fine longcloth) and *lúngis*, now transferred to Jullunder. Rising silk manufacture. Woollen trade declined. Coarse blankets and *lois* at Bilgah. At Phugwara brass and bell metal goods.

11.—HUSHIARPUR.

Articles of furniture in *shisham* wood, inlaid with ivory (a rising trade). Turned and lacquered wood ware. At Mahalpur, deer-skin socks, shoes, breeches, preparation of soft leather. Woollen carpets (industrial school). Muslin *dopattas* and *pagris*. Vessels in blue, green, and gray glass (a small trade). Leather and quill work boxes, cigar cases in colored leather sewn with filaments of peacock quills in patterns, like the Bilaspur work. At Tanda, earthen pottery painted in water colors. *Munj* matting and ropes. Brass and bell-metal manufactures at Hushiarpur largely exported to the hills and even to Ladakh. Shoes exported to other districts.

12.—KANGRA.

Centre of the Punjab tea trade. Rice. Honey. Enamelled silver ornaments. Coarse woollen fabrics. At Nurpur, a declining shawl trade. Cotton printing in tinsel in Kangra. The slate quarries of this district are extensive and valuable.

13.—AMRITSAR.

One of the most important commercial towns in the Punjab trading in English, Cashmere, and Central Asian goods. The chief seat of the woollen manufacture. Fine *pashmina*, or shawl wool fabrics, as shawls and their varieties. *Puttoos*, *malidas*, *alwans*, and other woollen cloths. Large numbers of Cashmerees are employed in weaving and embroidery. An increasing trade in *phulkaries*,—cotton fabrics, dark red, blue or black, embroidered with silk; a domestic and feminine industry. Woollen pile carpets; an increasing production. *Kinára-báf*, silk and gold thread edgings or borders; a large trade. Frame embroidery (*Karchób*) in gold and colors. Silk weaving, narrow widths-*daryai*. A small quantity of cotton printing. Lapidaries' work—stones imported from Cashmere and Cabul, &c., agates, cornelians, serpentine, false jade and lapis-lazuli necklaces, bracelets, &c. Inlaid marble similar to the Agra inlay in connection with the Golden Temple. Ornamented embossed copper plates of large size, with foliage in relief, also for the temple. Ivory carving in geometrical open work, paper-knives, combs, &c. Architectural wood carving. Brass ware for domestic use. A considerable production of cast brass articles for export. Copper *niello* tinned, as trays, *samovars*, &c., introduced by Cashmerees and resembling Cashmere and Peshawar work. A small production of fine cotton fabrics, as *ghátis*, &c. Shoes and tanned hides largely exported.

14.—GURDASPUR.

At DERA NANAK, declining trade in woollen goods, as *jamewars*, *rumals*, and shawls. At BATALA, *susis* and *lúngis* and embroidered shoes, good architectural wood carving. At PATHANKOT, SUJANPUR, SHAHPUR, and DINANUGGER, woollen fabrics, sometimes cotton mixed. At JHABKARA and MARARA, lacquered turnery of good quality. At SRI GOVINDPUR large numbers of wooden combs are made and sold very cheaply. At DHARIWAL, the Egerton Woollen Mills (water-power) make blankets, *lois*, horse clothing, *pattoos* and finer fabrics, as broadcloth, serges, &c At MADHOPUR, Messrs. Lister & Co.'s silk filature; increasing outturn. At SUJANPUR, the Punjab Sugar Company's Mills. At DALHOUSIE is an English brewery; also slate quarries. The silk manufacture of the district is said to promise well.

15.—SIALKOT.

At KOTLI LOHARAN, near Sialkot, koft or damascened iron articles, such as shields, arms, helmets, salvers, caskets, *surahis*, flower-stands, inkstands, pen-cases, &c., damascened in gold and silver. A large production. *Susi*, a checked or striped cotton fabric. At PASRUR, cotton-printing in colours, as floor-cloths, bed-covers, &c., of good quality. Paper is a speciality of Sialkot; but the trade has dwindled owing to the jail manufactory competition. At DASKA, good brass and *kansi* ware for native domestic purposes. At SIALKOT, lawn tennis racquets, riding canes, and similar articles are made. A trade route to Cashmere starts from Sialkot.

16.—LAHORE.

Silk weaving, narrow widths, washable fabrics, from ten annas to four rupees a yard (an increasing trade). *Malidas* and *puttoos* of good quality; but there is no great trade. Glass and lac bangles. Cotton printing in colours. At KASUR, Industrial School, woollen, carpet, and cotton *dari* weaving, lac turnery, inlaid wood, cabinet work, *phulkaris*, and *khes* weaving. At CHUNIAN, brass and leather hookas. At LAHORE, are oil and flour-mills, driven by steam. Candles, sulphuric and nitric acid, superior shoes and saddlery, glass-blowing (lamp chimneys almost exclusively), and glzaed pottery are rising industries in Lahore.

17.—GUJRANWALA.

Brass ware for domestic uses. Cotton goods and occasionally a very thin sort of unglazed earthen pottery known as paper pottery. At NIZAMABAD and WAZIRABAD, cutlery of various kinds, including pocket-knives, surgical instruments, &c.

18.—FEROZEPUR.

Corn trade. Superior turned lacquer ware.

19.—RAWALPINDI.

A military cantonment with no special trade. Small petroleum spring in the neighbourhood, Cotton prints of rude execution, but good color, made in some villages. At ATTOCK and PINDGHEB, boat-building.

20.—JHELUM.

At PIND DADAN KHAN, superior brass ware, chased and ornamented. Riding whips and other small articles in leather. Silk turbans (small trade). Common cotton goods as in most districts. At CHAKOWAL and PIND DADAN KHAN, a superior kind of unglazed pottery. The great salt mines of the province are at MIANI near PIND DADAN KHAN.

21.—GUJRAT.

Speciality for chairs of several kinds, camp-chairs, the Capperina chair, and drawing-room chairs. Koft or damascened work on iron similar to the Sialkot work.

22.—SHAHPUR.

At BHERA, cutlery, table-knives, and forks, daggers, scissors, &c., mounted in stone handles; a false jade brought from Cabul, and serpentine from the Salt range largely used. The same artizan is lapidary and cutler. Old English files are forged into blades. Country iron is also used. Architectural wood-carving for doors, windows, &c., elaborately wrought in soft wood. At KHUSHAB, good qualities of *khes*, *lungi*, and other cotton goods, also silk turbans. At SAHIWAL, lac turnery in wood and ivory carving. Goat's hair rope at SHAHPUR, camel-hair rope at KHUSHAB, thick felt rugs at BHERA and KHUSHAB, *lois* at NURPUR.

23.—MULTAN.

Glazed pottery, originally for architectural purposes, tiles, and other details for Musalman tombs; now vases, salvers, &c., also made. A strong *faience*, with bold decoration in dark blue and turquoise. Silver ornaments enamelled in dark and light blue, black, red, and yellow—necklaces, brooches, studs, *solitaires*, &c. Woollen pile carpets, large patterns, bright colors, good texture. Cotton pile carpets. Silk fabrics, with gold introduced. Mixed fabrics, silk and cotton, *sufis*, &c. Pure silk fabrics, soft and washable. Ivory bangles—a purely local trade. Cotton prints at TOLUMBA and MULTAN in good colors. *Kamángari* work, painted bows and arrows. A steam-driven cotton manufactory recently started at MULTAN. Imports, cotton, raw and manufactured, indigo, food-grains, *ghi*, salt, sugar, silk from Bokhara; exports, cotton piece-goods, indigo and sugar. Multan is the centre of the Punjab indigo trade. At KEHROR and SHUJABAD, dyeing; and dyes made there are noted.

24.—MONTGOMERY.

At PAK PATTAN, lac turnery in black poplar wood with incised patterns, toys, bed-legs, spinning wheels, &c. At KOT KAMALIA, colored cotton printing of fine

quality, bright colors and good patterns, floor-cloths, quilts, *purdahs*, dados (*dewargirs*), &c., on locally woven cloth. No export trade in plain cotton.

25.—JHANG.

At CHINIOT, fine architectural wood carving in shisham wood. Brass inlay in decorative patterns on wood. Enamelled silver similar to Multan work is found in the district. Lac turnery (a small quantity). Cotton fabrics as in other districts for domestic uses.

A remarkably skilful locksmith at JHANG.

26.—MOZAFFERGARH.

Basket work in *patta* (dwarf-palm) leaves. *Khes*, woven checked cotton fabrics. *Kamángari* work (painted bows, &c.). Speciality for country ink.

27.—DERA ISMAIL KHAN.

Lacquered wood turnery studded with ivory ornaments, remarkable for exceeding minuteness of line in the scratched decoration. Coarse woollen fabrics, goats'-hair ropes, woollen sacking, &c., are made throughout the DERAJAT Division.

28.—DERA GHAZI KHAN.

At JAUNPUR, lacquered wood turnery. At LEIAH, very superior stout cotton *khes*, woven in checked patterns, dark blue, grey and red. From just across the border, rugs, camel-bags, &c., woven in colored wool in good patterns and ornamented with cowries, are brought; they are known as Biloch rugs.

29.—BANNU.

Large alum manufacture at KOTEKI and KALABAGH. At MARWAL, woollen bed rugs of crude colors. *Phulkaris* as in other districts.

30.—PESHAWAR.

An *entrepot for* trade to and from Kabul importing silk from Bokhara, Kabul wool, fruit, charras, horses, embroideries, Persian silk fabrics, embroidered *postins*, occasionally Russia leather, Russian samovars, and tea canteens in gilded glass and porcelain; snow-leopard, squirrel cat, and other furs, Turkoman carpets, &c. At PESHAWAR, copper-tinned ware as *aftabas* and *chilimchis* Persian designs, swords and knives, embroidered *postins*, leather belts, mul and camel trunks. Curious decoration in lac, wax, color, and talc powder on cloth, suitable for purdahs, table-covers, &c. Fine cotton *lungis*, with colour silk and gold-thread striped ends. *Barâ* rice, a remarkably long-grained variety grown in the neighbourhood.

31.—HAZARA.

Silversmith's work, rude but characteristic forms, *phulkaris* (perhaps the best in the province). Basket work in wheaten straw.

32.—KOHAT.

The gun-smith's trade lingers in this district. Felts or *numdas*. *Lungis*, in silk and cotton, brilliant colours and good fabric. The patterns of these are characteristic of different tribes, like the Scottish tartans. Trade in salt from mines in this district.

SECTION A.—FINE ARTS.

CLASS I.—PAINTINGS AND DRAWINGS.

THE miniature painting of Delhi is a survival, and to some extent also a revival, of the Persian limning, which was for many years encouraged at the courts of the Mogul Emperors, and was frequently noticed by early European travellers. The artists claim Persian descent, and although they are Musulmans, do not consider themselves bound by the ordinance which forbids pictorial representation. Many of the portraits are traditional. The features of distinguished personages are repeated so often that the artists are able at will to draw Aurangzeb, Akbar, or Dost Mahomed. They have thus reduced their portrait-gallery to a series of conventional types, which, however, are at once popularly recognized, as the pictures of Mr. Gladstone and Lord Beaconsfield are recognized in *Punch*. The pictures of buildings are produced in response to a European demand for *souvenirs* of Indian scenes. Other drawings in the collection are purely Hindu, and represent the personages of Hindu mythology according to a conventional canon. Others are drawings of the curious Mogul architecture of Lahore, enriched with coloured pottery decoration, and are by students of the Mayo School of Art, Lahore. A curiosity in the series is a piece of embossed ornamental scroll work in paper, produced by the finger nail—one of the numerous examples of futile ingenuity for which India is remarkable.

A collection of Delhi pictures on ivory and paper, historical portraits, views, &c., by Mahomed Husein of Delhi. Prices Rs. 50 to Rs. 200 each. *For sale.*

A collection similar to the above, by Zulfikar Ali Khan of Delhi. Prices from Rs. 24 to Rs. 325. *For sale.*

Forty-one different pictures. Exhibited by Sundar Lal, Delhi. Rs. 1,290. *For sale.*

Twenty-six different pictures of mythology, by Pundit Tota Ram, Lahore. *For sale.*

Eighty-four miniatures on paper and ivory, by Mir Baksh. *For sale.*

View in Wazir Khan's mosque, by Sher Mohamed, Mayo School of Art, Lahore. Rs. 100. *For sale.*

Guru Nanak, founder of the Sikh religion, by Kapur Singh, ditto. Rs. 60. *For sale.*

Going to the fair, by ditto, ditto. Rs. 50. *For sale.*

Portrait of Maharaja Ranjit Singh, by ditto ditto. Rs. 25. *For sale.*

Three miniatures on ivory, by ditto ditto. Rs. 36. *For sale.*

Design for carpet, by Amir Baksh, ditto. Rs. 25. *For sale.*

An embossed nail work, by Meran Baksh, Lahore. Rs. 15. *For sale.*

Two pictures of H. H the Maharaja of Nabha's horses, exhibited by His Highness Maharajah of Nabha. *Not for sale.* Rs. 105.

Fifteen pictures. Rs. 128. Exhibited by H. H. the Maharaja of Patiala. *For sale.*

One book with pictures of Delhi Emperors, exhibited by ditto. Rs. 360. *Not for sale.*

Picture of the late Maharaja of Patiala, by ditto. Rs. 50. *For sale.*

CLASS II.—SCULPTURE.

Portrait bust of Jawahir Singh, Sikh carpenter, by J. L. Kipling, Principal, Mayo School of Art, Lahore. *Not for sale.*

Portrait bust of Bahadur, lac turner of Pakpattan, by J. L. Kipling, Principal, Mayo School of Art, Lahore. *Not for sale.*

Portrait bust of Fazal Din, Musalman carpenter, by G. F. Pinto, Assistant Teacher, Mayo School of Art, Lahore. *Not for sale.*

CLASS III.—ARCHITECTURAL DRAWINGS.

Colored elevation of the *Chauburji*, Lahore, decorated with enamelled pottery and built by Begam Zeban Nissa, by Allah Din, student, Mayo School of Art, Lahore. *Not for sale.*

Gateway of Wazir Khan's mosque, by Amir Baksh, student, Mayo School of Art *Not for sale.*

Portion of Wazir Khan's mosque, Lahore, by Mohamed Din 1st, student, Mayo School of Art, Lahore. Rs. 40. *For sale.*

Gateway, Badshahi mosque, Lahore, by Allah Din, student, Mayo School of Art, Lahore. Rs. 25. *For sale.*

Elevation of the Chintgarh near Shalimar Gardens, Lahore, by Amir Baksh, student, Mayo School of Art, Lahore. Rs. 50. *For sale.*

Elevation of the Chiniwalla mosque, by Fazal Din, student, Mayo School of Art, Lahore. Rs. 40. *For sale.*

View in Wazir Khan's mosque, by Mohamed Din. Rs. 70 *For sale.*

Part of side elevation of Wazir Khan's mosque, Lahore, by Golam Mohamed, student, Mayo School of Art, Lahore. Rs. 15. *For sale.*

Set of architectural drawings, by Ghasita Mistri, Public Works Department, Lahore. *For sale.*

Model of summer house now being built at Nabha. Exhibited by H Highness the Rajah of Nabha.

CLASS IV.—LITHOGRAPHS.

Three glazed frames containing lithographs of prize certificates, &c., by Mayo School of Art, Lahore. *Not for sale.*

CLASS V.—PHOTOGRAPHS.

Twelve photographs of buildings in Lahore and Amritsar, by Rai Bahadur Kanhya Lal, M.I.C.E., Executive Engineer, Lahore. *Not for sale.*

CLASS VI.—WORKS OF ART NOT SPECIFIED.

A curious piece of embroidery said to be worked about 80 or 90 years since (probably much more) by the hand-maidens of the Ranis of Chur... work is in very fine tapestry stitch, and is the same on both sides, exquisitely delicate execution but archaic design. The story represented is ta... from the "Sri Naid Bhagwat." Bikram (or Bisam) Raja had a son, nam... Rukmangat, and a daughter, Rukmani. The father wished her to be marri... Krisna, and the girl also wished it. Her brother was determined she should ... Raja Sasupal. Rukmani sent a Brahman privately to Krisna to meet her sec... at a certain temple when they could be clandestinely married. Krisna kept ... tryst, arriving in his carriage with the usual four horses. The pair were marr... and departed in the carriage, and Krisna's brother, Bullibuddhur, followed w... the marriage procession. Raja Sasupal arrived on the scene too late to c... the happy pair, but he attacked Bullibuddhur's party, and suffered severe d... which is graphically depicted by severed heads and much gore in red silk.

Among works of art not specified in the classification adopted for the ... tion may be mentioned the seal engraving of Harnam Singh and Pertab ... of Shahabad in the Amballa district. The trade of the *Mohr-Kand*, or s... cutter, is a common one, but it is almost universally confined to engraving v... cular signatures on blood-stone for the use of those who sign their name...

affixing an impression of their seals. The craftsmen mentioned above, however, have carried their practice much further than usual, and can engrave crests, animals, &c., in intaglio both in stone and metal with great skill, and deserve to be more widely known than they are. One of the curiosities of Indian art is the neglect in ancient times of cameo and intaglio cutting by artists who excelled in most other forms of art. Greek and Roman intaglios in cornelian are occasionally found on the frontier, but a few rude Mithraic emblems on stone are the only specimens of the art of native origin.

Seal engravings, by Harnám Singh and Partáb Singh of Shahabad, Amballa district. *For sale.*

3 curious pieces of embroidery said to be worked about 80 or 90 years since by the handmaidens of the Ranis of Chamba. *Not for sale.* Exhibited by Major C. H. F. Marshall, Superintendent, Chamba State.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASS VII.—BOOKS.

An old Persian book, Khamsa Nizami, exhibited by Mahomed Syad Khan of Delhi. Price Rs. 300. *For sale.*

History of Mecca and Medina, exhibited by Lala Sunder Lal, Dealer in ...riosities at Delhi. Price Rs. 50. *For sale, Persian book.*

Quran on 30 pages exhibited by ditto. Price Rs. 1,500. *For sale.*

Collection 5 manuscript books, lent by His Highness the Maharaja of Patiala. Rs. 752. *Not for sale.*

1 Gulistan, Rs. 500.
1 Karima, Rs. 100, embossed nail work.
1 Tofatul Salatin, Rs. 40.
1 Masnawi Nasir Ali, Rs. 12.
1 Diwan Sinai, Rs. 100.

CLASS XIV.—MUSICAL INSTRUMENTS.

The musical instruments of the Punjab are all of old unvaried, traditional forms except a few that are peculiar to the frontier (as the mandolin-shaped *rabáb*); the others are always the same wherever found. There are two classes, the rough cheap and feeble instruments such as the "*yáktárá*," "*Ring*," &c., used by fakirs, beggars, &c., and the more elaborate, which are usually made of *tún* wood and are inlaid with ivory (as the "*sitár*"), or elaborately painted and varnished (as the "*bín*" and the *táús*.")

A few forms only could be collected for the Exhibition, both time and enquiry being necessary to produce a complete collection.

The most popular of all instruments is the *sitár*, a sort of lute. (It is made in various forms, all having a general similarity. We have the "*madhum*," the "*chárga*," the "*...rbdár*"—the *madham sitár* is the commonest). It has five, sometimes six, strings of steel and brass; it is a fretted instrument, and the frets (16 in number) are not fixed as in our guitar, but are moveable and are arranged for ... particular "*rag*" or melody by the performer. The "*chirgah sitár*" has no fre... nd only 4 strings. The "*tarbdár*" has an understring set of five steel wires (as in the "*bín*") which are "sympathetic" or jingle in sympathy with the upper strings. The *táus* is a many stringed instrument, the body being shaped like a peacock; it is played with a bow of black horsehair. The *bín* is an instrument played with the finger guarded by a "*mizráb*" or wire thimble. It consist-

of a long narrow board with the pegs at end and disk fretted and supported on two hollow gourds for resonance. The drone or jingle is given by a set of five "sympathetic strings." There is another instrument called "*bín*," not to be confused with the first described. This is a rude double flageolet inserted into a small gourd. It is played by snake charmers and beggars, and is often distinguished as the "*binjogi*."

Other stringed instruments, the psaltery and the "*kanún*" or harp, are now very rare. A quaint and curious instrument is the "*saringi*" or fiddle, a very beautiful specimen of which is in the collection. In this the strings are made of catgut, but the resonance strings are of thin brass wire. *Wind* instruments capable of variety of tone hardly exist except in the "*bín*," and rude *sarnás* or bagpipe and several small flutes. Various trumpets and horns are used in temple worship and ceremonials, notably an enormous brass trumpet about 8 feet long (made in pieces) used in Kangra. There are also horns, conch shells, &c., but all these give only one or two notes, and are harsh and discordant and not to be accounted as musical instruments at all.

Drums of every form are used from the huge barrel-shaped "*dhol*" to the tabla or pair of small drums and the "*khanjri*," hand tambourine with bells Kettle-drums of size are also used (*nakára, dhaússa* and *naubat*).

The only system of music known is the Hindu, which has a seven-note scale, approximating our own.

The stringed instruments are all tuned to one modification or repetition of the key note (*khirj*), the fourth (*panchem*, though the term means "fifth"), the fifth (*madham*), and the octave below the first string *larz*).

One *saringi* by Raim Baksh of Shahabad, Umballa District. Price Rs. 20. *Not for sale.*

One *sitar* by the same. Price, Rs. 20. *Not for sale.*

Three *táús* (instrument in the shape of a peacock) by Gholam Kadir of Kapurtalla. Price Rs. 45 each. *Not for sale.*

Two *táús*, like the above by the same maker. Price Rs. 45 each. *For sale.*

Bín, gourd clarionet. Price Rs. 3. *Not for sale.*

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING HOUSES AND OTHER BUILDINGS.

CLASS XXIII.—FURNITURE AND UPHOLSTERY.

To this class belong in one sense a number of articles mentioned under the head of inlaid work and lacquered wood. The most characteristic form of the trade considered as such is the manufacture of chairs and camp furniture at Gujrat. The large and cumbrous but undeniably comfortable easy chair, known as the Capperina chair, from its introduction by a district officer named Capper and several forms of camp chair are the best known. The trade is an increasing one, as the work is fairly strong and well finished and the prices are moderate. The wood used is shisham. Other articles shewn are by students in the Mayo School of Art, Lahore. The inlaid tables by Nizam Din (of Lahore), and indeed the greater part of the work enumerated under the head of "Inlaid Work" (D. 31) and some of the lacquered work may also be considered as furniture.

Arm chair, green leather cushion, by Ismail Mistry of Gujrat, Rs. 25. *Not for sale.*

Camp easy chair, by the same. Rs. 7. *Not for sale.*

Camp chair, jail model, by the same. Rs. 6. *Not for sale.*

Camp chair, canvas back, by the same. Rs. 6. *Not for sale.*

Camp chair by the same. Rs. 7. *Not for sale.* No. 2927.

Camp chair European pattern, by the same. *Not for sale.* Rs. 6.

Camp chair with adjustable back, by the same. Rs. 6. *Not for sale.*

Camp chair by the same, new fashion. Rs. 6. *Not for sale.*

Ladies' camp chair, by the same. Rs. 6. *Not for sale.*

Camp chair, double canvas seat. Rs. 4-8, by the same.

Another by the same. Rs. 5.

Teapoy, Rs. 5.

Collection of 10 chairs, ebonized by Karpal Singh, student, School of Art, Lahore. Rs. 100 or Rs. 10 each, *For sale.*

4 Hanging shelves, by Ram Singh, Assistant Teacher, Mayo School of Art, Lahore. Rs. 325 for three or Rs. 75 each and Rs. 60 for the other. *For sale.*

Painted Cabinet, by Mayo School of Art, Lahore. For the Hon'ble Sir Stewart Bayley. The panels are in Hyderabad lacquer, except those at the ends, which are Lahore gesso.

Carved show case containing specimens of the Egerton Woollen Mills Company's manufactures, designed and executed by Sadhu Singh of Dhariwál from a suggestive sketch furnished by the Mayo School of Art, Lahore. *Not for sale.* Materials *deodar* (cedar) mulberry and *shisham*. This case may claim to be considered also in class 31, as wood-carving.

CLASS XXIV.—GLASSWARE.

This art is as yet quite in its infancy. The Hushiarpur workman is almost the only one who works independently with his own materials. Independently that is of foreign aid, for a few glass-blowers at Lahore (and formerly at Patiala) collect fragments of white European glass and melting them down blow cheap lamp chimnies and bottles, &c. A common blow-tube of iron is used and the melting furnace is of mud and very rude; annealing does not seen to be understood.

The want of good material for glass in the province will always be a drawback. Sand and crude soda or *sajji* are all that can be got. The glass produced is not clear in color, and it is full of small bubbles and other impurities. The efforts of the Hushiarpur worker under such difficulties are praiseworthy and he has produced some fair blues, dark and light opaque, also a plum color or manganese purple and a chrome yellow, and some green. All his works are small and he is unacquainted with the process of cleaning with acid.

Glass bangles are made in a few places, and here the transparency of the glass is of no consequence. In Kurnal, rude globes are made for ornament, the inside being silvered with quicksilver and tinfoil, the large aperture necessary for the manipulation is awkwardly covered with orsidew.

The Kurnal glass-makers also prepare the large, thin, pear-shaped glass retorts or carboys, in which the native manufacture of sal ammoniac (*naushadar*) is effected.

Silvering glass for mirrors is practised in the old style with mercury and tinfoil at Delhi, and more recently at Lahore: imported plate glass is employed, and the edges are often bevelled by the workmen with the aid of corundum powder.

Collection of glass and lac bangles, by Ghisa of Delhi. Rs. 1-2; and 3 looking glasses from Delhi, by Sarjuddin of Delhi. Rs. 10. *Not for sale.*

Collection of glass vessels from Hushiarpur.

CLASS XXV.—POTTERY.

A striking and beautiful application of glazed pottery to architectural wall decoration is found on the mosques and tombs of Multan, Lahore and other towns of the Punjab, and also in Delhi and Agra. Some idea of the effect of this

scheme of coloring may be gained by reference to the colored drawings of Wazir Khan's mosque and other buildings exhibited by the Mayo School of Art, Lahore. Local legend says the art is of Chinese origin, which is probably true, but it appears to be from Samarcand and Persia that it was directly introduced into Northern India. The variety known as *kashi*, a mosaic of pottery, where each leaf and form is separately cut out and fitted, is no longer practised, and may be said to be extinct. But at Mooltan, although there are but few colors used, glazed *faience* tiles, little inferior to the old work, are produced. This work is perhaps the best now wrought in the province. Originally exclusively architectural, a European demand has led to the production of vases, salvers and other articles for drawing-room decoration. A large selection is shown by Mahomed Azim of Mooltan, and some experimental efforts by another local potter. The colors used are now usually dark and turquoise blue on an opaque, duck-egg textured white enamel slightly tinged with blue.

At Peshawar a rough *faience*, composed of a common reddish-yellow earthen paste or body, covered with a white *engobe* or slip, and a soft, lead glaze, is made. All over Cabul fragments of pottery of a similar manufacture, but better quality, are found. The type piece is a large, shallow circular rice dish. On the frontier this glazed earthenware is used for eating from, a practice which is comparatively unknown elsewhere in India.

The Delhi pottery is of a different type, and the paste or body is not a natural clay, but an artificial composition of pounded felspar stone, held together for moulding by a *marsala* or paste of mucilage. All these articles, therefore, are shapen in moulds, and they are usually exceedingly fragile. When, however, the wares are well burnt, a sort of vitrifaction takes place. The best examples are semi-translucent, and are, in fact, a true porcelain.

The trade is a rising one, and the demand is so great that nothing but a little energy on the part of the artisans is required for the creation of an important industry.

The paste of some of the old *kashi* work mentioned above is similar in quality, and the Delhi manufacture was probably, like that of Mooltan, exclusively architectural in character. The manufacture of *martabans* or jars for the pickles and preserves which are a local speciality seems to have kept it alive. But it was unknown in England till 1871, when the writer took a quantity of jars, &c., to the exhibition, and it has greatly advanced since that time.

At Delhi a local artizan makes models of snakes, used for distribution to District Officers for the easier identification of the serpents for whose destruction rewards are offered. A collection of these, which are in terra-cotta colored in water colors, is shown.

The terra-cotta figurines made at Kishengarh, Lucknow, &c., are imitated here, and this art, which is really a foreign importation, is now considered a characteristic Indian craft; a series is shown from Amballa.

The highest finish of which unglazed, soft earthenware is capable is displayed in a set of articles contributed by His Highness the Nawáb of Bahawalpur.

A small collection of glazed and unglazed ware from Lahore shows the characteristic forms of the pottery usually sold in the bazars of large towns.

The ware from the Lahore School of Art is only experimental in character, and it is not intended to reproduce it.

Examples of *Ghorian* ware, the best of which are interesting relics of the Mogul courts, when Chinese porcelain and Persian imitations of it were imported for Imperial use, are also shown. The white and coloured Chinese porcelain exhibited from Delhi also claims to be considered of historical interest from this circumstance.

It may be worth while to explain, for the benefit of those interested in the usages which allot various occupations to strictly defined castes and races, that the maker of glazed pottery is careful to call himself a *Chinigar* (China-maker or *Kashigar*, in contradistinction to the Hindu potter by caste, the *Kumbhar*, whose trade it is to make the unglazed water vessels and pipkins in common use.

The former is usually a Musulman, and prides himself on his foreign descent, while the latter occupies a humble place in the ranks of the village commune, and belongs to a caste which has followed the same trade from time immemorial. Glazed and decorated pottery is a distinctly advancing industry, and some of its forms, though oriental in style, are quite new and unlike anything to be found in old indigenous work.

Collection of Delhi pottery, 127 pieces. Prices from Re. 1 to Rs. 7, by Bhola potter, Delhi. *For sale.*

A similar collection (blue tickets), by Bhola potter, Delhi. *Not for sale.*

A collection of 71 pieces Delhi pottery, by Sundar Lall, Delhi. *Not for sale.*

Collection of Peshawar pottery, 70 pieces. *Not for sale.*

Collection of Lahore pottery, glazed and unglazed, by Dulla potter, Lahore. *Not for sale.*

Collection of pottery, by Pir Bakhsh potter, Multan. *Not for sale.*

Collection of Mooltan pottery, 124 pieces, by Mahomed Azim potter, Mooltan. *Not for sale.*

Collection of 12 pieces unglazed Bahawalpur pottery, exhibited by H. H. the Nawáb of Bahawalpur. *Not for sale.*

Collection of 33 colored terra-cotta models of snakes, supplied to District Officers for the easier identification of poisonous snakes, by Heera Singh, Delhi. Prices from Re. 1 to Rs. 4 each.

Collection of 46 figurines in colored terra-cotta, representing house servants, castes, &c., by Bhowani of Umballa. *Not for sale.*

Collection of 6 ditto, by Heera Singh of Delhi. Rs. 141. *Not for sale.*

Collection of experimental glazed pottery, Mayo School of Art, Lahore. *Not for sale.*

Collection of six articles of Ghorian-ware (ancient). Prices from Rs. 50 to Rs. 130, exhibited by Mahomed Sayed Khan, Delhi. *For sale.*

Collection of six articles old China. Exhibited by Sunder Lal, Delhi. Prices from Rs. 20 to Rs. 250 each. *For sale.*

One dog, terra-cotta, Rs. 4, exhibited by His Highness the Maharaja of Patiala. *For sale.*

1 Buffalo, Rs. 7, ditto ditto.

20 Models of fruit, coloured Rs. 15, ditto, ditto.

1 Model of tree, Rs. 40, ditto, ditto.

1 Terra-cotta group of Krishna on an elephant composed of female figures, Rs. 50, ditto.

1 Terra-cotta bullock model, by Bhowani of Amballa, Rs. 25. *Not for sale.*

CLASS XXVI.—METALWARE.

The first place in this large section naturally belongs to the brass and copperware which fill such an important part in native domestic life. It seems to be accepted as an ordinance that brass is prescribed for the cooking and eating vessels of Hindus and copper for Mahomedans. To this broad rule there are, of course, many exceptions. Mahomedans on the frontier, following Persian customs, eat from glazed earthenware, and are said in the large towns to be gradually adopting English and Chinese earthenware and porcelain—a most desirable consummation from the English pottery manufacture point of view, for there are no potting materials in Northern India capable of being made into good earthenware. Poor Hindus use earthen vessels, and an old village site may be discriminated as Hindu or Mahomedan from the large number of shards of *rekábis*, as the earthen-platters are called, which will be found in the former case. These are made by the village potter, and are thrown away after use. At Hindu caste dinners and feasts leaves are used, and within the walls of the sacred Puri in Orissa, during the worship of Jaganath, when all caste rules are

abolished for the nonce, the pilgrims eat the cooked rice served out by the Brahmins from earthenware. These exceptions do not materially affect the general ordinance of scoured brass for the Hindu and tinned copper for the Musulman. It is on this domestic usage that the skill of the Indian metal-worker is founded, and it would be pedantry to attempt to separate purely artistic from merely domestic wares. In the simplest utensils of the native kitchen will be found some touch of the quality that makes the richly-chased *surahi* or *gulâb pash* an ornament for the drawing-room or a study for the designer.

The selections of brass ware from Rewari, Jagádhri, Phugwara, Hushiarpur, and Amritsar give a fairly complete representation of the present state of the brass-founders' and chasers' art in the Punjab at the present day. These towns, with one or two others, are growing into note as manufacturing centres in a small way, and export their wares. The custom which formerly obtained was that each village had its own craftsmen in each trade; but the manufacturing system is extending here as elsewhere. Amritsar brass wares are sent as far as Ladákh, and the wares of Jagádhri, Rewari, and Daska are known all over the province. The worker in sheet copper, who fashions his vessels with the hammer, is known as the *thatéra* or beater, or *thatiyar*. His tools are simple, consisting chiefly of differently shaped anvils or stakes, which are frequently supported in the crook of a Y-shaped wooden frame athwart which he sits at work. Some of this hammer work is exceedingly skilful, especially at Delhi, where curved cup-like forms are beaten out of flat plates without a joint. The brass founder, *bhartya*, uses processes which differ in no essential point from those of Europe: examples of castings fresh from the mould and half-finished are shown from Amritsar.

The *mut* or brass water-jar from that place is one of the largest pieces shown. The engraver or chaser is called *chatera*. He works exclusively with hammer, chisel and punch, and does not use the graver or burin. The tendency of modern chasing is towards a uniform covering of the surface in light lines. Some wares from Jhelam, however, are in a bolder and better style. From Peshawur are sent *aftábas*, which show strongly the Persian origin of their ornament and shape.

The Cashmere style of engraved copper, specimens of which are shown from Amritsar as well as Cashmere, is so characteristic as to be at once recognized. The forms are sometimes filled in with lac grounds of different colors, and the patterns recall those of the Cashmere shawl. A commoner sort of graven work is done on copper after it has been tinned, the red line showing through the dull white.

The metal-bound leather hukka, used extensively by working people and agriculturists, whose avocations subject the cherished pipe to rough usage, seems to be peculiar to this province. Examples are shown from Hissar, Sirsa, and Kasúr, the latter being in perforated brass, silvered, while the former are built up of zones and fillets of metal roughly engraved. The articles used in Hindu worship, such as the *arti* or sacrificial lamp, the *thâli* or dish in which idols are bathed, the spoons for oil and Ganges water, and the idols themselves, are usually imported from Muttra, Benares, or Brindabund, but some are shown from Delhi and Amritsar. There has never been any production of figure casting in this part of India equal in quality to that of the south. The idols from Amritsar are curiously primitive and poor in design. Nor is there any likelihood, now that the Hindu is free from the Moslem yoke, that any improvement will take place in this respect. The upper classes of Hindus care very little for idols of any kind, and the preferences of the lower classes are for the Dii Semones of their mythology—personages so monostrous as not to be capable of really artistic treatment.

A complete enumeration of the various forms of domestic brass and copper-ware would occupy much space, but as the purely decorative wares bought by Europeans are based on things of common use, it may be worth while to mention the names by which they are known in the Punjab. The Hindu brass water-vessel with a spout and handle is called *gunga ságar*—Ocean of the Ganges. The Mahomedan water ewer, of similar form, is an *aftába*.

The *mokhabba* and the *khuncha* are distinctively Mahomedan,—round covered dishes, frequently represented in wall decoration, sometimes covered, and sometimes shown filled with fruit. The almost universal *motif* for the design of the cover is the Mogul dome, with a final and foliated necking. At Bahawalpur, *mokhabbas* are made in enamelled silver. The *tashtri*, *thál*, *thâli*, *tási*, *parát*, and *rikábi* are names for various sizes of circular salvers down to the last, which has grown to be the equivalent of the English tea-saucer. The *shini* is a very large dish with a small rim. The *abkhora* is the Mahomedan version of the Hindu *bhavka*, a vase-like small water-vessel, which differs from the *lota* in form. The *chahdáni*, or teapot, is exclusively Mahomedan, and is usually of slender jug-like form, with a spout attached to the body along its whole length, and not fitted with a strainer. Very frequently the arrangements for heating of the Russian *samovar* are adopted for the *chahdáni*, and the large *samovar* itself is made at Amritsur and Peshawar. The *surahi*, or water-goglet, is more common in zinc than in brass or copper, and in porous earthenware than either, but it is sometimes met with in those metals. *Deg* is a cauldron, and *degcha* and *degchi*, smaller stewpans of similar form. *Kaul* is a common form of drinking-cup, so called from its resemblance to the shape of the lily. *Gilás* is the British glass or tumbler made in metal. The *pánddn* is a spice-box meant to hold betel-nut and *pán* leaves prepared for chewing; it is usually made in copper with elaborate patterns roughly done in hammered and pierced work. The *pikdán*, or *ugaldán*—Anglice, spittoon—is sometimes a small vessel of the hour-glass, or double lotus form, not so large as a breakfast cup. It is also made in the shape of a wide-mouthed large brass vase. The *martabán*, or jar, usually provided with a cover, is now being made in glazed earthenware for pickles and chutnies, a usage that will doubtless spread, but it is also made in metal. The *mutti* is purely Hindu. It is a large and often very handsome brass vase for water. *Tabalbáz* and *tabalbázi* are large and small sizes of brass whey-bowls, also Hindu. *Katora* and *charma* are Hindu names for small circular saucer-like dishes. *Baltoa* and *gágar* are brass water-vessels taken to the well, and approach the globular form of the earthen *ghurrah*. *Patíla* is the Hindu name for a small stewpan. *Tumbi*, *garwa*, and *garwi* are small water-vessels resembling the lota, and a *dabba* is a brass box, while the *dibbya* is a small box, always round. The *gulâb-pásh*, or rose-water sprinkler, is best known to Europeans from the pretty silver or silver gilt examples used for aspersion on occasions of ceremony. *Kánsi*, or white brass, is prized for cups and other articles, and a *ganj*, or nest of a dozen well-fitting neatly-finished bowls in this material, is one of the show-pieces of the artificer, and the treasure of the house-keeper. *Phúl* is another name for bell-metal. The consumption of brass and copper in the province may be estimated from the trade returns. In the year 1882-83, there were imported into the Punjab from other parts of India by rail and boat 65,468 maunds of brass and copper worth Rs. 40 per maund of 80lbs. The bulk of the supply came from Howrah—39,734 maunds. From Sindh there were received only 7,940 maunds, from Bombay 1,980 maunds, and from the North-West Provinces and Oudh, *viâ* the East Indian Railway, 11,232 maunds. The greater part of this supply, which comes in the first place from Europe, was in the form of sheets, and was used for domestic purposes. Rewari, Jandiala, Gujranwala, Jagadhri, Amritsar, Pind Dádan Khan, Kangra, Phagwara, in the Kapurthulla State, and Daska, a tehsil in the Sialkot district, are the places most noted for brass and copper manufacture. Every year the brass-founders recast a considerable quantity of old vessels. These are considered to contain a larger quantity of copper than modern mixtures, and, in the case of sacrificial vessels and images, there is a universal belief that the quality of the metal was improved by the addition of silver and gold. It is doubtful whether any such extravagance was indulged in, but the first remark that a Hindu makes on seeing an ancient casting is that it must contain much precious metal. It is probably owing to this belief, which used also to be common in Europe, and to the preference of old vessels for remelting, and not to any wish to cherish them for their beauty or associations, that the collector finds so few good old pieces for sale.

Collection of 8 objects, copper-ware, by Fakir Chand, of Delhi, consisting of *pándán*, *changardán*, box and bowl, &c. Re. 0-7-6 to Rs. 4-5. *Not for sale.*

Ditto 17 ditto by Chandu Lal, prices from annas 3 to Rs. 4. *Not for sale.*

Collection of brass toy vessels (32), by Mahomed Wazir of Delhi, price Rs. 4-14-9. *Not for sale.*

Ditto ditto (44) by Bhagwan Das, price Rs. 45-2. *Not for sale.*

Nine native brass scales and a set of weight from Delhi, by Abdul Razak, price from annas 8 to Rs. 2-8. *Not for sale.* Used by Delhi jewellers, gold and silk workers, &c.

Collection of 7 objects, brass-wares, from Jagadhri Umballa district), comprising a bracketed lamp, pair cups, 2 goblets covered, and 2 goblets uncovered, price Rs. 23-5. *Not for sale.*

Collection of 13 objects, brass-ware, from Rewari, Gurgaon district, including hookas, water-vessels, inkstand and pen case, *shama-dán* or large standard lamp, smaller lamps, temple bell, cart bell, confectioner's lamp, &c. Price, Rs. 47-5-6. *Not for sale.*

Four chased brass vessels, by Jessa Singh and Mangal Singh, Jhelam. Price, Rs. 4-4. *Not for sale.*

One *Gunga Ságar*, Hindu chased brass water-vessel, by the same. Price, Rs. 7. *Not for sale.*

Collection of brass vessels from Phugwara, Kapurthalla State, by Shama and Kirpa, comprising salvers, nest of bowls, water-vessels, Chinese gong, &c. Price, Re. 1-9 to Rs. 10-9. *Not for sale.*

Open-work brass box, silvered, lined with velvet, by Azimulla of Amballa. Price, Rs. 35-13. *Not for sale.*

Two leather hukkas, brass and silver mounted, by Ram Chand, of Fattehabad, Hissar district. Price, Rs. 14 the pair. *Not for sale.*

Ditto by Amra and Mali, of Barwala, same district. Price, Rs. 11. *Not for sale.*

One leather hukka, brass-silvered, by industrial school, Kasur, Lahore district. Price, Rs. 15. *Not for sale.*

Four leather hukkas, brass and silver mounted, and engraved by Amiruddin, of Rania, Sirsa district. Price, Rs. 11 each. *Not for sale.*

Two copper engraved *aftábas* and *chilamchis* (ewers and basins), and a bowl by Haji Malik Rahman, Peshawar. Price, Rs. 50. *Not for sale.*

Six betel-cutters from Kurnal. Price varying from annas 12 to Rs. 2-10 *Not for sale.*

Two brass cups from Bahawalpur. Price, Re. 1 each. *Not for sale.*

Collection of 10 objects, brass-ware, from Amritsar, by Abdul Samad, brazier. Price, Rs. 50.

Two brass plates, lac inlaid, by Abdul Samad, Amritsar, Price, Rs. 16 the pair. *Not for sale.*

One spherical brass lamp, by ditto. Price, Rs. 5. *Not for sale.*

This lamp is so contrived that the oil reservoir inside is always upright.

One pair brass *tombis* (gourds), by Khareti, Amritsar. Price, Rs. 2-9. *Not for sale.*

One native brass inkstand and pen case from Kotgarh (Simla district). Price, Rs. 2-8. *Not for sale.*

Collection of 5 objects brass, and copper-ware, presented by Lala Chand Lal, care of Lala Hari Chand Jogan Nath, consisting of salver, spittoon, *pándán*, *katordán*, *aftába*, and *chilamchi*.

A large brass *mutti* (jar), lent by Rani Kirpadai, widow of Sirdar Bhagwan Singh, Rais of Amritsar. *Not for sale.*

Two brass goblets, exhibited by H. H. the Maharajah of Patiala. *For sale.*

Two cups (mixed metal), kansi. Price, Re. 1, ditto.

One nest of brass cups. Price Rs. 2-9-6, ditto.

One brass jantar (astrolabe). Price, Rs. 80, ditto.

BHERA CUTLERY AND LAPIDARY'S WORK.

It is not easy to determine whether the stone-handled cutlery of Bhera (Shahpur district) should be classed under the head of lapidaries' work or cutlery. The same artizan practises both trades; that is say, he forges and finishes the blade and fashions the false jade or serpentine hilt of *peshqabz* or of the hunting or dinner knife. The green, jade-like stone has not yet been assigned its proper name; it is not true jade, being much softer than that of Silesia or China, nor do authorities on the subject admit it to be *plasma*. It is said to be found near Kandahar, and to be brought down the river Indus on rafts floated with inflated skins to Attock, whence it is carried to Bhera. Other stones resembling serpentine and purbeck marble are used as handles, and also in the fashioning of toys and small objects, as paper-weights, by the lapidary cutlers of Bhera. There is a larger production than finds profitable sale. Old files of English manufacture are sometimes forged into daggers and knives of good quality. But country iron is generally used. The *jauhar* or "water," of Persian smith's work, so much prized on old blades, is imitated by a rough process of etching. A ground of fine lime, mixed with a suitable mucilage, is laid over the blade, and when nearly set, the thumb of the artificer is dabbed over the surface with the effect of removing the lime in fine lines, which have a certain resemblance to the fibre lines of welded and twisted steel. *Kasis*, or sulphate of iron, is then applied, and the lines are bitten in. No expert, however, could be deceived by these marks, in which the grain of the thumb is clearly manifest on close examination.

Swords, and the Afghan knife, or *peshqabz*, are made on the frontier, and some are exhibited by Haji Malik Rahman of Peshawur. It is not easy, however, to decide in some cases whether they are of local or Kabul manufacture. Old blades are now carefully collected, re-hilted, and damascened, and sold to collectors.

LAPIDARY WORK.

Collection of 8 articles of Bhera lapidary work, such as paper-weight, in the form of a tomb, of false jade, whip handles, caskets, by Alla Jawaya, of Bhera, Shahpur district. Prices from Rs. 2 to Rs. 50. *Not for sale.*

Collection of ditto ditto, by Sarajuddin of the same place. Prices from Re. 1 to Rs. 25. *Not for sale.*

A knife handle, by Mahomed Din. Price, Re. 1-4. *Not for sale.*

39 Articles of lapidary work, by Alla Jawaya, of Bhera, Shahpur. Prices from Re. 1-8 to Rs. 50. *For sale.*

3 Models of barracks, by Khoda Baksh, of the same place. Prices Rs. 28 and Rs. 8. *For sale.*

10 Knife handles and 2 caskets, by Mahomed Din, of the same place. Prices, Rs. 7-8 and Rs. 40 respectively. *For sale.*

Collection of 14 articles, such as chess-board, &c. Prices Rs. 2-8 to Rs. 80, by Suráj Din, of Bhera. *For sale.*

1 Marble pen case, Rs. 20-4-9, exhibited by His Highness the Raja of Nabha. *Not for sale.*

1 Book stand, marble (*rabul*), Rs. 20, exhibited by ditto. *Not for sale.*

1 Jade cow. Price Rs. 6. Exhibited by His Highness the Maharaja of Patiala. *For sale.*

CUTLERY.

A knife, a khukri, and 3 daggers, by Alla Jawaya of Bhera, Shahpur district. Prices from Rs. 3 to Rs. 20. *Not for sale.*

Seven objects cutlery, consisting of bread knife, scissors and knives combined, and 4 table knives, by the same. Prices vary from Re. 1-4 to Rs. 2-8. *Not for sale.*

Collection of 5 objects, cutlery, including hunting knife, pair table knives, and fork and knife. Price Rs. 14 for the lot, by Saraj-ud-din of the same place. *Not for sale.*

Two daggers, 2 forks, and knives, and a bread-knife by Mahomed Din, of Bhera. Price Rs. 25-8. *Not for sale.*

Two pairs scissors, by Alla Jawaya of Bhera. Price Re. 1-4 each.

Matchlock, by Asmuttulla of Ludhiana. Price Rs. 20. *Not for sale.*

Flint gun, by Amir of Kohat. Price Rs. 27. *Not for sale.*

Collection of 46 cutlery objects, containing table knives, forks, and knives daggers, butter knives, scissors, and knives combined and hunting knives, &c., by Alla Jawaya of Bhera, Shahpur. Price Rs. 140-4. *For sale.*

17 objects of cutlery, by Golam Mohamed of Bhera, Shahpur district. Price Rs. 102 for the lot. *For sale.*

Collection of 44 cutlery objects, by Suraj Din, of the same place. Price for the lot Rs. 169-8. *For sale.*

Collection of 36 cutlery objects by Mohamed Din, of the same place. Price for the lot Rs. 96. *For sale.*

Eight articles of cutlery by Khuda Baksh of the same place. Price Rs. 129. *For sale.*

Collection of 5 cutlery objects manufactured at Peshawur, exhibited by Haji Malik Rahman, general merchant, Peshawur, comprising 2 knives, 1 dagger, 1 sword and one musket. Price Rs. 60, Rs. 30, Rs. 30 and Rs. 18 respectively. *For sale.*

1 Sword stick, Rs. 15. Exhibited by His Highness the Maharaja of Patiala. *Not for sale.*

1 Dagger or knife, Rs. 21. Exhibited by His Highness the Maharaja of Patiala. *For sale.*

CLASS XXIX.—BASKET WORK.

The best and neatest basket work of the province is wrought in the hills and appears to be, like coarse woollen-cloth weaving, a domestic industry. The *ringall* bamboo is split into fine slivers; and baskets for holding small articles notably yarn reeds, used in weaving, are neatly made. The *kilta*, a long basket carried on the back, is the most characteristic form, and besides bamboos, other flexible woods are used in its construction. A selection of baskets, including some small and finely finished examples, is shown from Kotgarh. From Kalka an open work variety with broader splints is sent.

In the plains, in the Mozuffergarh and adjoining districts, the *patta* or dwarf palm (*Chamærops ritchiana*) is used in the construction of baskets which are built up in rows of rolls usually in forms resembling ghurrahs and other vessels. Similar articles in dyed fibres are imported into Bombay from Zanzibar.

In the Hazara district, wheaten straw is similarly treated, and made into fancy baskets, card trays, &c., which are decorated with bits of coloured cloth. Examples of both these kinds are exhibited. At Delhi and Umballa tiffin baskets, ladies' work-tables, and waste-paper baskets are made of split bamboo, sometimes rudely dyed. This is a comparatively new and rising trade. But little cane is used, and there are no Chinese basket-makers in the province. The *chhaj* or winnowing basket, is the type of another form of basket work extensively used in agricultural operations and in domestic life. The long stalks of *munj* are arranged and tied together in rows (the reed will not bend and intertwine), and both string and raw hide are used to tie the fabric together.

Certain castes, such as *Chungars* and others, who also are employed in winnowing corn, have a monopoly of this industry. Bits of coloured cloth and occasionally coloured woollen threads are worked into the reeds on the principle of the familiar mats made in Europe to lie under dishes and hot plates on the dinner table. Cowries are also used for decoration.

Collection of thirteen cane baskets from Delhi by Ram Dhan, including cane table, teapoy, tiffin baskets, flower stands, &c., price Rs. 24-8. *Not for sale.*

Eight palm-leaf baskets from Mozuffargarh district by different makers. Price Rs. 3-13-6. *Not for sale.*

Twelve straw baskets from Hazara. Price As. 8 each. *Not for sale.*

Collection of 20 small and large baskets from Kalka. Price As. 13-6. *Not for sale.*

Collection of fine baskets from Kotgarh, Simla district. Price Rs. 3-6. *Not for sale.*

Ten baskets of mezrai leaf from Khewra, Jhelam district. Price Rs. 7-8. *Not for sale.*

CLASSES XXXI & XXIII.—WOOD INLAID WORK.

Ivory and brass inlay is one of the manufactures of the Punjab which have been revived and extended in the last few years. In the Provincial Exhibition of 1863 this work was hardly represented, except by a few boxes, which did not attract much attention.

Now the workmen of Hushiarpur drive a considerable trade in ivory inlay, especially at the village of Bási Ghulam Husain. Several workmen combine in the work. Shisham (*Dalbergia sissoo*) wood is exclusively employed, and ivory; a small edging of blackened wood is occasionally introduced to set off the ivory.

Brass inlay is also practised in Hushiarpur, but perhaps the best work comes from the Chiniot district. The brass employed is thin plate and has to be cut with precision and neatness. The brass wire inlay of Myupuri, N.-W. P., and other places is not practised.

Wood inlay is understood to a limited extent by nearly all the more skilful 'mistris' or carpenters of the Punjab. They employ box and other white woods upon shisham, or the latter upon the yellow deodar. But very few specimens are, however, to be seen surpassing the artistic work of the Mayo School of Industrial Art. Ram Sing, the head carpenter there, has done some beautiful work; a box tastefully inlaid, with the geometrical tracery, which is peculiarly adapted for display in this style, are made by some quite young pupils of the school. The Kasúr Industrial Society has sent one inlay work, and carpenters in the employ of Rai Kanhya Lal, M.I.C.E., Executive Engineer.

Recently an inlayer of Shahabad in the Amballa district has successfully turned out small wares decorated with the pique inlay so well known in Bombay.

This work is capable of a large development, but there is much danger of its deterioration in quality, by a demand for the work in too great a hurry, as well as for articles at a price which will not pay first-rate work.

CLASS XXXI.—BRASS AND IVORY INLAY IN SHISHAM WOOD.

Collection of five articles of ivory inlay in shisham wood. An octagonal table, walking stick, picture frame, a box, and a pair of sandals (*khrawaon*), exhibited by Kanhya Lal, Hushiarpur. Price Rs. 77-8. *Not for sale.*

Collection of 52 objects, ivory inlay in wood, comprising large and small walking sticks, large and small rulers, brackets, picture frames, sandals, photograph frames, cabinet boxes, teapoy, and brackets with mirrors. Prices from Rs. 2 to Rs. 65. Exhibited by Kanhya Lal, Hushiarpur. *For sale.*

Collection of four objects ditto, by Gonda Mistri of Hushiarpur. A teapoy, cabinet brackets with and without glass. Price Rs. 192. *For sale.*

Collection of twelve objects ditto, by Gangoo Mistri of Basi Golam Hosain, Hushiarpur district; consisting of 3 small cabinets, 4 walking sticks, pair brackets, pair picture frames and a ruler. Price Rs. 181-8. *For sale.*

Collection of 9 objects of ivory inlay in wood, containing a model of tomb, 2 chairs, 3 pair sandals, 2 picture frames and a bracket with mirror. Exhibited by Kanhya Lal Bhábra of Hushiarpur. Price Rs. 101. *For sale.*

Collection of 7 objects ditto, comprising a cabinet, chouki, 2 pen-cases, picture frame and a pair rulers, exhibited by the same merchant of the same place. Price Rs. 150. *For sale.*

An ivory inlaid bracket with 3 mirrors, Rs. 45 and a pair picture frame, price Rs. 45 and Rs. 12 respectivly, by Gonda Mistri of Hushiarpur. *For sale.*

An ivory inlaid cabinet. 2 cabinet doors and picture frame. Priced at Rs. 130, Rs. 35, and Rs. 16 respectively, by Gangoo Mistri of Basi Golam Hosain, Hushiarpur. *For sale.*

An inlaid lady's sewing table by Hira Singh of Bahadurpur, Hushiarpur district. Price Rs. 45. *For sale.*

An inlaid box, by Fazal Din, Student, Mayo School of Art, Lahore. Price Rs. 20. *For sale.*

Ditto by Sundar Sing, student of the same school. Price Rs. 20. *For sale.*

An inlaid and carved cabinet, by Moula Baksh, student of Mayo School of Art, Lahore. Price Rs. 80. *For sale.*

An inlaid table by Thackar Singh, Mistri, exhibited by Industrial School, Kasur. Price Rs. 30. *For sale.*

An inlaid teapoy, by ditto. Price Rs. 86. *For sale.*

An inlaid box by Gurdit Singh, student, Mayo School of Art, Lahore. Price Rs. 20. *For sale.*

Ditto, ditto, by Ram Singh, student of the same school. Price Rs. 20. *For sale*

Two inlaid dining and writing tables, by Nizam-din Mistri, Lahore. Price Rs. 80 and Rs. 60, respectively. *For sale.*

An inlaid box lent by Rai Bahadur Kanhya Lal, M.I.C.E., Executive Engineer, Lahore. *Not for sale.*

An inlaid and painted side-board designed and made by Ram Singh, Assistant Teacher, Mayo School of Art, Lahore, for E. C. Ruck, Esquire, Revenue and Agricultural Department. The large colored panels are of Hyderabad (Deccan) lacquer. *Not for sale.*

A brass inlaid box, Lala Kanhya Lal of Hushiarpur. *Not for sale.*

A brass inlaid box and four brass panels, by Mohamed Baksh of Chiniot, Jhang district. Price Rs. 57. *Not for sale.*

A brass inlaid camel *kajawa* by Mohkam Din of Chiniot, Jhang district. Price Rs. 30. *Not for sale.*

1 inlaid casket, Rs. 20, exhibited by His Highness the Maharaja of Patiala. *For sale.*

CLASSES XXXI & XXIII.—LACQUERED WOOD.

Native house furniture is exceedingly simple, being limited usually to a bedstead, one or two low stools, a spinning wheel and a few boxes. A part of each marriage outfit in the Punjab is a charpoy, and a quaint, high-backed stool of turned wood ornamented with lac. Very little painting on wood is now done, and the lac surface, obtained by pressing what is virtually a stick of colored sealing wax on an object revolving in the lathe, is a harder and more solid covering than any paint. The heat developed by friction melts the lac; further friction with the dry stem of a palm leaf, held end-wise; and a final application of an oiled rag of muslin, polish a coat of color which resists dust, the great heat of the hot weather, and the damp of the rains. But there are many refinements in this most simple art. In Sindh and in the Punjab layer upon layer of colored lac are laid. Then, with a *stylus*, these coats are scratched through in a manner analogous to Italian *sgraffito* decoration. Supposing red to have been first laid, then green, and lastly black, the black is scratched through for green leaves, the green and black for a red flower, and for a white line all are cut through to the wood. A red and green pattern with white outlines on a black field is thus produced. In the present collection a set of 21 objects, by Suraj-ud-din of Ferozepore, displays the best sort of pattern scratching. A couch, and a bracket, experimental applications of the art to articles of European use by Bahadur of Pakpattan in the Montgomery district, where is a consider-

able industry of lac turnery, is another example. At Dera Ismail Khan fern-like scrolls of almost incredible minuteness are wrought on a black ground in red; much of this work is done by women. The D. I. Khan work is readily distinguished by the application of ivory studs and ornaments, which are fragile to begin with and only loosely fastened. The Hushiarpur work, of which a large series is exhibited, is remarkable for the vividness of its colors, the practice of using metallic grounds, and of filling in scratched outlines with lac of various colors. There are very few villages or towns in which a *kharádi* or turner is not to be found, but the places mentioned above, with Sahiwal in the Shahpur district, have an export trade. At D. I. Khan the wood used is generally shisham (*Dalbergia sissoo*), and when only the red heart-wood is taken, the ware is proof against insects. The white sap-wood is attacked by worms which find no difficulty in penetrating the lac. This wood, is also used at Hushiarpur. At Pakpattan (Montgomery) the Lombardy poplar (*Populus euphratica*) a white non-resinous, insect-resisting wood, is used. Some lac-turners, like Suraj-ud-din, prefer the common *farash* (tamarisk) to anything else. The wood is light, white, and not liable to suffer from insects.

The painted and gilded bed-legs from Delhi and bows included in this sub-head are only lacquered in the conventional sense of being painted work protected by preparations of resinous varnish, and are here enumerated for the sake of convenience.

Four sets of painted bed legs from Delhi by Mir Mohamed. Price Rs. 32. *Not for sale.*

Two sets of painted bed legs from Delhi, by Niamatulla of the same place. Price Rs. 7 each set. *Not for sale.*

Collection of 19 objects lacquer-ware from Dera Ismail Khan, by Yar Mohamed, consisting of boxes, balls, dishes, candlesticks, flower stands, a teapoy and a cigar case. Price Rs. 95. *Not for sale.*

Couch, experimental application of lac turnery to furniture. Bahadur of Pakpattan, Montgomery district. Price Rs. 100. *Not for sale.*

Bracket, ditto ditto, by the same, designed by the Mayo School of Art Price Rs. 100. *Not for sale.*

A goblet and a flower stand, by the same. Price Rs. 2 and Rs. 3 respectively *Not for sale.*

Pair of candlesticks by ditto. Rs. 5. *Not for sale.*

Collection of 10 objects lacquer-ware, exhibited by Kanhya Lall Bhabra of Hushiarpur. Prices from As. 6 to Rs. 10. *Not for sale.*

Collection of 21 objects lacquer ware from Ferozepore, by Saraj-ud-din. Price Rs. 74. *Not for sale.*

72 lacquered toys from Jampur, Dera Ghazi Khan district. Price Rs. 72-12-6. *Not for sale.*

Two painted pellet-bows from Sitapore, Mozuffargarh district, by Mohamed Baksh. Price Rs. 3-12. *Not for sale.*

245 lacquer toys from Sahimal, Shahpur district. Rs. 30-8. *Not for sale.*

Four bed legs by Shaman of Marara, Gurdáspur district. Price Rs. 5-8. *Not for sale.*

Lacquered collection of objects (boxes mostly) exhibited by Kanhya Lal Bhabra of Hushiarpur. Prices from Rs. 1 to R. 20. *For sale.*

Lacquered surahis and vases, by the same. Price Rs. 27. *For sale.*

Collection of 30 articles lacquer-ware from Dera Ismail Khan, by Ashraf. Price Rs. 236 for the lot. *For sale.*

One painted salver, Rs. 5, exhibited by His Highness the Maharaja of Patiala. *For sale.*

One ditto box, Rs. 3, exhibited by His Highness the Maharaja of Patiala. *For sale.*

CLASS XXXI.—WOOD CARVING.

Wood carving in the Punjab is happily still an essentially architectural art, and, excepting at Simla, where, in response to a European demand, there is a production of carved articles for furniture and drawing-room decoration, there is but little of the trivial "fancy work" in which the Indian-woodcarver is supposed to excel. On the doors and windows of native houses the best efforts of the carvers are expended. These are frequently wrought at a distance from the place where they are to be used, and are built into the structure at the will of the purchaser.

The door and window from Bhera (Shahpur district), from Chiniot (Jhang district), and from Batala (Hushiarpur district), give a fair idea of the most characteristic forms. It will be seen the style is Mahomedan. The ornament is severely conventional, and the introduction of panels of framed lattice work, locally known as *pinjra*, ingeniously dove-tailed in geometric designs, gives an Arabic character to the whole. The doorways of Delhi, Lahore, Amritsar, Batala and the older towns of the province include finer work than any here given, but the art is still full of vitality, and all the examples shown are genuine work of to-day produced by no official pressure and not directed or interfered with in any way. The cheapness of this work at present is one of its most remarkable features. As a demand has arisen of late years, the prices have gone up, and will probably rise still higher. But there could be a practically unlimited supply.

Wood-carving occurs incidentally on other objects, and there is no art for which both Sikh and Musalman wood-workers shew more aptitude. It is in large and architectonic treatment of wood, however, that their strength lies: and the best they can do must always be incapable of removal and exportation, and can only be properly appreciated when seen fixed in the picturesque constructions for which it was designed.

Pair carved cabinet, panels from Delhi, by Bhola, carpenter. Rs. 40. *Not for sale.*

A carved door, and a carved window from Bhera, Shahpur district, by Faza Din and others. Price Rs. 113 *Not for sale.*

A carved door and a carved window from Chiniot, Jhang district, by Mobaruk Din Mistry. Rs. 100. *Not for sale.*

A carved almirah, by ditto. Rs. 50. *Not for sale.*

A carved spoon, from Shahabad, by Rahim Baksh. Rs. 2. *Not for sale.*

Pair of carved brackets, from Simla, by Thackan. Rs. 25. *Not for sale.* Also D, Class 23—Furniture.

Pair carved bracket, ebonized, by Thacker Mistry, Simla. Rs. 8. *Not for sale.* Also D, Class 23—Furniture.

7 carved combs, by Mohkam Din of Chiniot, Jhang district. As. 15-6.

Four panels (open work) lent by Rani Kirpadevi, wife of Sirdar Bhagwan Singh, Amritsar, deceased. *Not for sale.*

1 Sandal wood carved box. Rs. 50, exhibited by His Highness the Maharajah of Patiala. *For sale.*

1 Pair wood sandals. Rs. 2 ditto. *For sale.*

1 Flower stand in box wood, perforated, Rs. 7 ditto. *For sale.*

1 Wooden pine leaf. Rs. 5-8, exhibited by ditto. *For sale.*

1 Carved door, by Jamahir of Batala, Gurdaspur district. Rs. 38. *For sale.*

IVORY CARVING.

Ivory carving is not an art which flourishes in the Punjab. At Amritsar great quantities of combs are made—an industry which probably originated with the Sikhs, who are Nazarenes in the treatment of hair and beard, and whose

long locks are confined under their turbans by a comb in ivory or box wood resembling the back-combs of the European ladies' toilette. The ivory combs, paper-cutters, and card cases of Amritsar are ornamented with geometrical open-work patterns of some delicacy of execution, but no great interest in design. Figure work is but seldom wrought in this province in stone or wood, owing to the predominance of Musulman notions, and the only ivory figure-carver of Delhi, Fakir Chand, does not seem to meet with much encouragement.

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9 Ivory carvings, consisting of 3 combs, 3 paper-cutters and 3 card cases, by Lalas Davee Sahai and Chumba Mal, shawl merchants, Amritsar. Prices from Rs. 3-4 to Rs. 14. *For sale.*

Collection of 8 ivory carvings from Delhi, by Fakir Chand, Rs. 56. *Not for sale.*

Collection of 6 ivory carvings, from Amritsar, consisting of paper-cutters, &c. *Not for sale.*

Ivory carving. Rs. 44-10-3, presented by His Highness the Rajah of Nabha. *Not for sale.*

2 Ivory caskets. Price Rs. 98-5-9, exhibited by His Highness the Rajah of Nabha. *Not for sale.*

1 Ivory pen case. Rs. 103, exhibited by His Highness the Maharajah of Patiala. *For sale.*

1 Ivory statuette (female figure) Rs. 11, by ditto. *For sale.*

1 Ivory spoon, Rs. 7, exhibited by ditto. *For sale.*

1 Ivory turban straightener (Baz), Rs. 15, exhibited by ditto. *For sale.*

4 Ivory ducks. Rs. 4, by ditto. *For sale.*

2 Sets of ivory chessmen, by ditto. Rs. 26. *For sale.*

Ivory horse, elephant, and lion. Rs. 15, exhibited by ditto. *For sale.*

14 Ivory toys, Rs. 37, ditto ditto.

1 „ spice box, Rs. 3, ditto ditto.

7 „ mikraz used in making reed pens. Rs. 9 the lot, ditto ditto.

2 „ paper knives, Rs. 5-8, ditto ditto.

2 „ envelope cases. Rs. 15, ditto ditto.

1 „ fan, Rs. 5 ditto.

2 „ handled walking sticks. Rs. 21, ditto.

PAPIER MACHE AND PAINTED WOOD, KASHMIR WORK.

Some *qalmdáns* (pen cases) and small wares are made in papier maché in Kashmir and painted in water color afterwards protected by varnish. The words *papier maché* have come to be applied indiscriminately to the whole series of articles decorated with shawl pattern painting, the greater part of which are of wood.

It is perhaps too late to attempt to correct what has now grown into a trade usage.

The work is too well known to need description. Imitations are occasionally produced in the plains, but the articles met with in the course of trade, of which the selection shown on a trophy round the central pillar of the west side of the Court is a fair sample, are purely Kashmir products.

Collection of 20 objects, papier maché and painted wood, from Amritsar, exhibited by Davee Sahai and Chumba Mal, shawl merchants, consisting of trays, tea sets, card, glove and envelope boxes, *surahis martabans.* Prices from Re. 1-4 to Rs. 24. *For sale.*

Collection of 18 objects papier maché, exhibited by Lala Davee Sahai, Prab Dyal, shawl merchant, Amritsar, comprising tea set, pen and card cases, trays,

windows, wall brackets, chessmen, table, boat models, and flower stands, &c. Prices from Re. 1 to Rs. 22. *For sale.*

Collection of 50 objects papier maché from Srinagar, Cashmere, exhibited by Main Safdur Mogúl, papier maché merchant, containing windows, letter stands, double tables, writing desks, Yarkandi bowls, cigar and pen cases, vases, jewel and glove boxes, &c. Prices from Rs. 2-8 to Rs. 75. *For sale.*

DECORATIVE WORK.

Under this comprehensive heading, attention may be drawn to the four examples of decorative ceiling work from Amritsar. Of these three are in combinations of plaster modelled by hand in relief, with small mirrors. Sometimes the mirrors are discs separately framed, but in another style small pieces of mirror are framed in arabesque scrolls wrought with great delicacy in white plaster. The mirrors are blown in thin globes, which are silvered on the inside and then broken into fragments. There are numerous examples of this fantastic and beautiful, but laborious, form of decoration in the old buildings of the Punjab; and in Persia also it is well known. The border of an otherwise good specimen in the collection is disfigured by panels in which chenille wool work of crude color has been inserted under the glass—an example of the triviality and vulgarity into which a striving for "novelty" is apt to lead the native craftsman. The gilt and colored plaster work is more serious, and excepting for its tendency to excessive minuteness of detail, there is but little fault to be found with it. The fourth specimen is entirely of wood. This variety is formed of small pieces of wood of geometric forms, such as hexagons, triangles, &c., which are prepared and painted separately and afterwards put up on the ceiling, being held together by strips of raised moulding. The effect is often exceedingly rich, while the work is not nearly so laborious as might be imagined. In Cairo there is a greater variety of pattern than the Punjab can show, where, however, several fine ceilings have disappeared entirely of late years.

The ornamental moulded work in paper shown by the Mayo School of Art may be noted. A wainscot in colored and gilded paper, a screen, and a shield of the arms of the Punjab are specimens of this variety of decorative work. The common paper of the country being very fibrous, is particularly suitable for this purpose, and is easily pressed into moulds with a suitable paste, and when dry and fixed, it is nearly as hard as wood.

Four specimens of ceiling work, Amritsar, cost Rs. 350. *Not for sale.* (Of these three are in embossed, colored, and gilt plaster work, and one in wood.)

Screen in moulded paper, colored, Mayo School of Art, Lahore. *Not for sale.*

Wainscot in moulded paper, colored, and gilt, Mayo School of Art, Lahore. *Not for sale.*

Lunette with the arms of the Punjab in relief. Heraldically colored and gilt. *Not for sale.*

CLASS XXXII.—WOOLLEN PILE CARPETS, WOOLLEN RUGS, FELTS, DARIS, AND MATS.

It has been said that the Punjab jails have injured the indigenous industry of carpet-weaving. It would be more like the truth to assert that they have created such as exists. It was not until the Exhibition of 1862 that the Punjab was known beyond its border for the productions of carpets, and then only by the productions of the Lahore Jail executed for a London firm. There exist no specimens to show that the Mooltan industry, the only indigenous one of the province, was of either artistic or commercial importance. The success of the

Lahore Jail led to the introduction of the manufacture in other jails, and it is now taken up by independent persons. The series here shown by the Punjab jails is of unusual excellence, and includes copies of Persian originals in the possession of the Jeypore State, and the more familiar patterns known as Herati shawl, *rumal*, and others. The qualities vary from the finest counts made, to carpets of a cheaper kind. The Delhi Jail exhibits a reversible rug with a different pattern on each side. The Industrial Schools of Hushiarpur and Kasur display specimens of their production. Messrs. Davee Sahai and Chumba Mal, who have an extensive manufactory at Amritsar, show their own fabrics as well as importations from Bokhara. From Mooltan, colored carpets of great strength and solidity of texture are sent. The characteristic blue and white carpet, which seems peculiar to this indigo-growing centre, and is familiar both in woollen and cotton pile, is not, however, represented. A great improvement has taken place of late years in the Mooltan fabrics.

Haji Malik Rahman, merchant and Honorary Magistrate of Peshawar, shows imported Turkomandi rugs, a small Persian carpet, and large Persian and Turkomandi carpets. The warp of these foreign fabrics is generally of wool and not cotton.

Colored felt rugs are sent from Bhera in the Shahpur district. On the Dhera Ghazi Khan frontier finely colored rugs and camel bags are woven by Biloch women. The texture is somewhat harsh, but the patterns are harmonious and good, and the fabric has great wear-resisting powers. Some of the camel trappings are decorated fancifully with white cowries. Like other fabrics produced by pastoral people, as Central Asian carpets, these are sometimes apt to "buckle," *i.e.*, they do not lie flat. The loom with the carpet on it is rolled up and carried away as the flocks are moved to fresh pastures. It may be noted that rugs and saddle cloths, precisely similar in texture and pattern and in the use of shells as ornamental tassels and fringes, are found in the Balkans. In Central India and the Deccan, the Bunjára women weave clothing, and the pack-saddles of their bullocks in textures and patterns almost identical with this Biloch work.

The Cashmere *gabha* is an embroidered rug formed by cutting out forms in woollen-cloths of various colors, which are inserted and counter-changed like the *opus consutum* of mediæval times, the edges and field being worked in a large 'broidery stitch in suitable colors. Examples of these and of the embroidered *numdas* or felt rugs peculiar to Cashmere are sent. In the latter a square or oblong of felt is worked over in colored silk or wool with a bold outline pattern. This also makes the felt more durable.

Woven cotton *darris* are shown from several jails. A woollen *darri* comes from Peshawar Jail. The cheapness and solidity of these goods are their great recommendation. Dyed cotton so quickly tones down that a somewhat excessive brightness of color is not so objectionable as may at first appear,

Matting is largely made from *munj* and other fibres, but little is exported from the province.

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11 Woollen pile carpets of different sizes, by the Delhi district jail. Prices from Rs. 18 to Rs. 406. *For sale.*

2 Carpets (11′×8′ each). Prices Rs. 68-8 and Rs 39 respectively, by the Peshawar jail. *For sale.*

2 Carpets (9 × 12 each). Price Rs. 131-10 each by the Amritsur district. *For sale.*

Carpet (11 ×·8), by the Mooltan district jail. Price Rs. 88. *For sale.*

3 Carpets, from the Dera Ismail Khan jail. Price varying from Rs. 87 to Rs. 150. *For sale.*

A carpet (11 × 8) from the Rawalpindi jail. *For sale.*

A carpet (11 × 8) from the Hissar jail. Price Rs. 58-10-8. *For sale.*

3 Carpets, different sizes, by the Sialkot jail. Price from Rs. 38-2 to 82-4-3. *For sale.*

2 Carpets by the Industrial School, Hushiarpur. *For sale.*
2 Carpets by the Industrial School, Kasur, Lahore district. Price Rs. 39-12 and Rs. 41-4. *For sale.*
3 Carpets, Jeypore pattern, by the Lahore central jail. Price Rs. 1,000. *For sale.*
1 Ditto, old shawl pattern, by the same. Price Rs. 200. *For sale.*
1 Ditto, new shawl pattern. by ditto. Price Rs. 220. *For sale.*
1 Herati new shawl carpet (12 × 8), by ditto. *For sale.*
1 Jeypore pattern carpet (13 × 10), by ditto. *Not for sale.*
2 Carpets, Persian and Turkomandi. Price Rs. 32 and Rs. 92 respectively, exhibited by Haji Malik Rahman. *For sale.*
6 Turkomandi rugs, exhibited by ditto. Price Rs. 12 each. *For sale.*
9 Amritsar woollen carpet, exhibited by Davee Sahai and Chumba Mal, Amritsur. Price from Rs. 133 to Rs. 217.
1 Carpet, silk, from the Nabha jail. Price Rs. 15. *Not for sale.*
1 Carpet by Davee Sahai and Prubdyal, Amritsur. Price Rs. 40. *For sale.*
1 Pashmina carpet from Amritsur, by Davee Sahai, Chumba Mal, Amritsur. Price Rs. 200. *For sale.*
1 Silk carpet, Rs. 50, by ditto, of the same place. *For sale.*
4 Cashmere gabba, by ditto, Rs. 12 each. *For sale.*
5 Bokhara carpets, by ditto. Price Rs. 425. *For sale.*
2 Multan woollen pile carpets, each Rs. 60-8, by Mohamed Yar of Multan. *Not for sale.*
4 small rugs at Rs. 2-8 each, by ditto. *Not for sale.*
1 Persian carpet (importation), exhibited by Haji Malik Rahman, Peshawar. Rs. 150. *Not for sale.* This is a particularly fine specimen of the most delicate Persian carpet work.
1 Bashiri carpet, by ditto. Rs 200. *Not for sale.*
2 Felts, by Rahim Baksh of Bhera, Shahpur district. Rs. 25. *Not for sale.*
2 Biloch rugs, from Dera Ghazi Khan district. Rs. 30. *Not for sale.*
2 Saddle bags, from the same place. Rs. 40. *Not for sale.*
A small felt, exhibited by Haji Malik Rahman of Peshawar. Rs. 4. *Not for sale.*
Samples of palm leaf matting and fans, exhibited by Haji Malik Rahman of Peshawar. Price Rs. 2-6. *Not for sale.*
1 Woollen carpet, by the Patiala jail. Rs. 18. *For sale.*
1 Cotton carpet, by ditto. Rs. 12-6. *For sale.*

COTTON DARRIS.

2 Darris from the Sialkot jail. Price Rs. 39-12. *For sale.*
Darri, from the Hissar jail. Price Rs. 14-10-8. *For sale.*
Darri, from the Industrial School, Kasur, Lahore district. Rs. 28. *For sale.*
Dari, from the Amballa jail. Price Rs. 19-9. *For sale.*
Darri, from the Jhelum jail. Rs. 22. *For sale.*
Darri, from the Gujrat district jail. Rs. 14-10-8. *For sale.*
Darri, from the Multan district jail. Rs. 18-3. *For sale.*
Darri, from the Dera Ismail Khan district jail. Rs. 16-5-3. *For sale.*
1 Darri, Nabha jail, Rs. 15, from the Nabha State. *Not for sale.*
1 Darri. Rs. 5-8, by the Patiala jail. *For sale.*

CLASS XXXIV.—KOFT OR DAMASCENE WORK.

This art industry is not in a condition altogether satisfactory: it might be improved in its application and in its method, especially by the restoration of the more ancient method of incised or deeply laid damascene. The Punjab work is all made by simply scratching the pattern on a steel or blued-iron surface, and then

the fine gold wire which is caught and held in place for a short length at a time by the rough edges of the style scratch, is first hammered in (*koft*) and then rubbed down with an agate point (*mohari.*) The work is of foreign (probably Persian) origin, and became popular in the Punjab, especially at Lahore, when the demand for inlaid arms and armour for the Sikh nobility was at its height, but the art seems to have been introduced long before that period, *viz.* in Mahomedan times. The best workmen came from Kabul and beyond, and settled at Lahore, and a few of the class still remain, their work being superior both in taste and execution to that of Gujrat or Sialkot. Indeed, they only want to meet with encouragement in the way of good ancient models to copy or take ideas from, to produce excellent work. Modern workers, both at Gujrat and Sialkot, are injured by the want of some reasonable purpose to which to apply their art. At present they snatch at every European article, however worthless, in the shape of ornament, inkstand or platter to copy. Moreover the habit of bargaining and the beating down of prices compels the men to a cheap and superficial sort of work in which the gold is inferior and lightly applied and the design wanting in character, and too diffuse.

Collection of 6 objects damascened work, by Ibrahim, Koftgar, Gujrat. Price Rs. 270. *For sale.*
Six articles of ditto by Asmutulla of Gujrat. Price Rs. 116. *For sale.*
Six articles of ditto, by Hashim Ali of the same place. Price from Rs. 15 to Rs. 30. *For sale.*
Six articles of ditto, by Sultan Mohamad of the same place. Prices varying from Rs. 10 to Rs. 50. *For sale.*
Collection of three shields, a salver, a tray and a bowl, by Mahomed Hosein of Gujrat. Prices Rs. 66, Rs. 28, Rs. 12 and Rs. 7 respectively. *For sale.*
Collection of 6 objects of damascened work, by Mir Din of Gujrat. Price Rs. 90. *For sale.*
Ditto, by Mohamed Ali of the same place. Price Rs. 52. *For sale.*
Ditto, by Abas Ali of the same town. Price Rs. 34. *For sale.*
Collection of 6 objects damascened work from Lahore, by Anuddin, Koftgar. Prices from Rs. 12 to Rs. 35. *For sale.*
Six articles of ditto, by Golom Rasul of Gujrat. Prices Rs. 7 to Rs. 50. *For sale.*
Ditto by Mola of the same town. Price Rs. 99. *For sale.*
A sword belt, by Enuddin of Lahore. Rs. 35. *For sale.*
Six articles by Mohamed Azim of Gujrat. Price Rs. 294. *For sale.*
Ditto, by Shamshuddin of the same place. Price Rs. 98.
Ditto, by Eman Din of Kotli Loharan, Sialkot district. Price 3-14. *For sale.*
Ditto, by Umar Din of the same place. Price Rs. 97. *For sale.*
Ditto, by Alla Din of ditto, Price Rs. 220. *For sale.*
Ditto, by Mohamed Din of ditto. Rs. 370. *For sale*
Ditto, by Mohamed Hosein of Kotli Loharan, Sialkot district. Price, Rs 225. *For sale.*
Ditto, by Golam Jilani of ditto. Price Rs. 425. *For sale.*
Collection of 12 objects damascened work by Kutab Din and Abdul Rahman of Kotli Loharan, Sialkot district. Price Rs. 680. *For sale.*
Six articles by Sultan Bakhsh of ditto. Price Rs. 72. *For sale.*
Four picture frames, and a pair candlesticks, by Sultan Mohomed of ditto. Rs. 24 and 10 respectively. *For sale.*
One pair pen-trays, 1 pair picture frames, and 1 pair small plates, by Ata Mohamed of ditto. Rs. 50. *For sale.*
Six articles, by Mohamed Din of ditto, Rs. 48. *For sale.*
Ditto, by Pirbakksh of ditto. Rs. 123. *For sale.*
Ditto, by Mohamed Yar of ditto. Rs. 184. *For sale.*
Ditto, by Golam Hosein of Kotli Loharan, Sialkot district. Price Rs. 270. *For sale.*

Six articles, by Mohamed Baksh of Kotli Loharan, Sialkot district. Rs. 295. *For sale.*
Ditto, by Nabi Baksh of ditto. Rs. 151. *For sale.*
Ditto, by Golam Hosein of ditto, Rs. 150. *For sale.*
Ditto, by Nabi Baksh of ditto. Rs. 137. *For sale.*
Ditto, by Nathoo of ditto. Rs. 170. *For sale.*
Ditto, by Hamiduddin of ditto. Rs. 169. *For sale.*
Ditto, by Golabuddin of ditto. Rs. 338. *For sale.*
Ditto, by Charag Din of ditto. Rs. 260. *For sale.*
Ditto, by Jan Mohamed of ditto. Rs. 140. *For sale.*
Ditto, by Golum Mohuddin of ditto, Price Rs. 120. *For sale.*
Ditto, by Ahmad Din of ditto. Rs. 84. *For sale.*
Ditto, by Golam Mohuddin of ditto. Price Rs. 105. *For sale.*
Ditto, by Abdul Azis of ditto. Price from Rs. 23 to Rs. 50. *For sale.*
Ditto, by Ramzan Mistri of ditto. Rs. 203. *For sale.*
Ditto, by Khushia Mistri of ditto. Rs. 64. *For sale.*
Ditto, by Mohamed Ashaq of ditto. Rs. 95. *For sale.*
Ditto, by Mohamed Yar of ditto. Rs. 375, *For sale.*
Ditto, by Sheikh Ahmad of ditto. Rs. 25 to Rs. 75. *For sale.*
Ditto, by Sharaf Din of ditto. Price from Rs. 12 to Rs. 45. *For sale.*
Ditto, by Fez Ahmad of ditto. Price from Rs. 10 to Rs. 34. *For sale.*
Ditto, by Khurshed Ahmed of ditto. Price from Rs. 20 to Rs. 35. *For sale.*
Ditto, by Mohamed Ramzan of ditto. Price Rs. 14 to Rs. 80. *For sale.*
Ditto, by Fazal Din of ditto. Price from Rs. 12 to Rs. 30. *For sale.*
Ditto, by Khuda Yar of ditto. Price Rs. 15 to Rs. 150. *For sale.*
Ditto, by Ahmad Yar of ditto. Price from Rs. 25 to Rs. 100. *For sale.*
Six articles, by Golam Mohomed of Kotli Loharan, Sialkot district. Price from Rs. 26 to Rs. 40. *For sale.*
Ditto, by Badruddin of ditto. Prices from Rs. 18 to Rs. 100. *For sale.*
Ditto, by Talah Din of ditto. Price from Rs. 8 to Rs. 65. *For sale.*
Ditto, by Saraj Din of ditto. Prices from Rs. 10 to Rs. 40, *For sale.*
Ditto, by Fatteh Din of ditto. Price Rs. 60 to Rs. 150. *For sale.*
Ditto, by Sharaf Din of ditto. Price Rs. 12 to Rs. 60. *For sale.*
Ditto, by Eman Din of ditto. Price Rs. 8 to Rs. 60. *For sale.*
Ditto, by Nur Din of ditto. Price Rs. 40 to Rs. 140. *For sale.*
Ditto, by Charag Din of ditto. Price Rs. 20 to Rs. 45. *For sale.*
Ditto, by Mohammed Sharif of ditto. Price Rs. 22 to Rs. 70. *For sale.*
Ditto, by Golam Mohamed of ditto. Price Rs. 150. *For sale.*
Ditto, by Nizam Din of ditto. Price Rs. 150. *For sale.*
Twelve articles, by Ala Mohamed and Sultan Ali of ditto. Prices Rs. 12 to Rs. 150. *For sale.*
6 Articles, by Mohamed Din of ditto. Price Rs. 12 to Rs. 24. *For sale.*
Ditto, by Emam Din of ditto. Price Rs. 12 to Rs. 23. *For sale.*
Ditto, by Ismail of ditto. Price Rs. 122. *For sale.*
Ditto, by Nizam Din of ditto. Price Rs. 130. *For sale.*
Ditto, by Charag Din of ditto. Price Rs. 12 to Rs. 24. *For sale.*
Plate armour by Sharaf Din of ditto. Price Rs. 80. *For sale.*
6 Articles, by Fazl Ahmad of ditto. Prices from Rs. 35 to Rs. 75. *For sale.*
2 Sets saucers and surahis and 4 surahis by Sudderuddin of Kotli Loharan, Sialkot district. Price Rs. 200. *For sale.*
10 Articles, by Sharafuddin of ditto. Prices varying from Rs. 14 to Rs. 150. *For sale.*
Collection of Koft objects by Buddha of Kotli Loharan, district Sialkot. Prices from Rs. 10 to Rs. 90. *For sale.*
A helmet by Amirulla of Lahore. Rs. 50. *For sale.*
Koft work exhibited by Davee Sahai and Chumba Mal of Amritsar. Prices Rs. 1-8 to Rs. 190, *For sale.*
A helmet by Amirulla of Lahore. Price Rs. 85. *Not for sale.* Copy from a Persian original.

Pair battle-axes, by Enuddin of Lahore. Price Rs. 30. *Not for sale.*
1 Belt clasp, damascened. Price Rs. 9-5. Exhibited by His Highness the Raja of Nabha. *Not for sale.*
1 Shield, 1 dagger and 1 sword, damascened. Rs. 250, Rs. 75, and Rs. 200 respectively, exhibited by His Highness the Maharaja of Patiala. *Not for sale.*
1 Bow, 1 helmet, and 1 salver. Price Rs. 100. Exhibited by ditto. *For sale.*
1 Straight sword. Price Rs. 100. Exhibited by ditto. *Not for sale.*

CASHMERE SILVER WORK, &C.

Collection of fifteen articles of Cashmere silverware, exhibited by Davee Sahai Prubdyal of Amritsar. Prices varying from Rs. 7-8 to 28-8. *For sale.*
Collection of thirty-nine articles of Cashmere silverware, exhibited by Davee Sahai and Chumba Mal of Amritsar. Prices varying from Rs. 8-12 to Rs. 378. *For sale*
A bottle mounted in silver wire and plate by Nikka, silversmith of Jallandhar. Price Rs. 100. *For sale.*
A silver wire cup by ditto ditto. Price Rs. 50. *For sale.* The cup is of glass.
Glass mounted in silver covered by ditto ditto. Price Rs. 100. *For sale.*
Two goblets, glass, silver-mounted, by ditto ditto. Price Rs. 40. *For sale.*
Pair native woman's shoes in silver, by ditto ditto. Price Rs. 200. *For sale.*

SILVER WARE.

Silver chair (pihri) lent by Lala Kaun Chaund Rais, Amritsar. *Not for sale.*
Silver box with key and lock from Amritsar, by ditto. *Not for sale.*
Silver Nandigan, lent by ditto from Amritsar. *Not for sale.*
Two water vessels, silver gilt. Rs. 132-11, exhibited by His Highness the Maharaja of Patiala. *For sale.*

COPPER, ENGRAVED, ENAMELLED, AND EMBOSSED.

Cashmere copperware enamelled, exhibited by Davee Sahai Prubdyal of Amritsar. Prices varying from Rs. 12 to Rs. 120. *For sale.*
Five articles of ditto, exhibited by Davee Sahai and Chumba Mal of Amritsar. Prices varying from Rs. 6-4 to Rs. 17. *For sale.*
Sixteen articles of Cashmere copper, engraved, exhibited by Davee Sahai Prubdyal of Amritsar. Prices varying from Rs. 2-8 to Rs. 55. *For sale.*
Collection of ditto, exhibited by Davee Sahai and Chumba Mal of Amritsar. Prices from Re. 1-8 to Rs. 22. *For sale.*
Collection of Cashmere copper, engraved, electro-plated, exhibited by Davee Sahai and Chumba Mal of Amritsar. Prices varying from Rs. 7 to Rs. 110. *For sale.*
Pair copper embossed panels, by Uttar Singh of Amritsar. Price Rs. 44. *Not for sale.*
One pair ditto ditto. Price Rs. 14. *Not for sale.*
One ditto ditto, care of Davee Sahai and Prubdyal, Amritsar Price Rs. 21-8. *Not for sale.*

CLASS XXXV.—TOYS.

Model of singing bird in ivory cage, exhibited by His Highness the Raja of Nabha. *Not for sale.*

This is a remarkably skilful copy of the well known "Piping Bullfinch" automaton originally made by Swiss artificers. The artist is a watchmaker employed by the Nabha State, Nathu Mal.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, &c.

CLASS XXXVIII.—COTTON FABRICS.

It is unnecessary for the present purpose to attempt a description of all the cotton manufactures of the Punjab; for, though compared with those of other provinces, they are not very important or extensive, they are very various, and include a number of domestic and common goods.

There is considerable artistic merit in many of the cloths woven in colours. Among these the checked *khes* of Leiah (Dera Ismail Khan district) takes a high place both as to solidity of texture and appearance. From Mozuffergarh good specimens are also shown. The *gamrúns* of Ludhiana are largely used for summer clothing. There are comparatively few combinations of cotton with colored silk and gold edgings, like the *saris* made in the Bombay Presidency at Ahmedabad, Surat, and Yeola; and none of the delicacy of ornamental edging for which the Bombay goods are notable.

Gold ends with bars of color are worked in turban pieces called *lúngis* at many places. The Kohat *lúngi* is richly ornamented with colored silk bars and stripes at the ends, something like the familiar Algerian stripes. The pattern is known as the Burgash *lungi*, and it is distinctive, like the check of a Scottish tartan, of a particular *khel* or clan, and is adopted as the turban of a frontier regiment first raised by Sir John Coke. The fine *tanzaib* muslins of Rohtak, the highly-glazed *ghâti* or longcloth of Jullundur, which, until the introduction of European goods, was the material for the full dress of persons of quality, and the *chautahis* of Batala, are characteristic examples of the finer class of cotton goods produced in the province.

The *susis* (striped and checked goods) from Batala and Khushab are specimens of one of the most favourite fabrics for native wear.

3 *Ghiras*, by Allahbaksh of Delhi. Rs. 9-15. *Not for sale.*

2 Checked *khes*, by Mohamed Baksh of Mozufiargarh. Price Rs. 7 each. *Not for sale.*

4 ditto, by Jindu of Leiah (Dera Ismail Khan district). Rs. 5-1 each. *Not for sale.*

31 Half pieces *gamrúns* from Ludhiana, exhibited by Partab Singh of Lahore. Price Rs. 92-8-6 or As. 4 to As. 10 per yard. *Not for sale.* A complete set of the patterns now in the market.

5 Pieces of Tanzeb muslin, by Monamanuddin of Rohtak. Price from Rs. 4 to Rs. 20. *Not for sale.*

2 Turbans with gold ends from Rewari (Gurgaon district). Rs. 3-8. *Not for sale.*

1 Piece of longcloth (*ghâti*) by Haji Jhandu of Jullandhur. Rs. 8. *Not for sale.*

2 Pieces ditto, by Gholam Gans of the same place. Rs. 20. *Not for sale.*

2 White and brown *lúngis*, by Haji Jhandu. Price Rs. 75. *Not for sale.*

1 *Kamarband* and *pagri*, by Atai of Kohat. Price Rs. 35. *Not for sale.*

Ditto, ditto, by Guffur of the same place. Rs. 41. *Not for sale.*

A cotton cloth (*sufi*) from Bahawalpur. Rs. 4 8. *Not for sale.*

3 *Lungis* from Ludhiana, exhibited by Madde Mal. Rs. 20-6. *Not for sale.*

1 *Chotai* from Batala (Gurdaspur district), exhibited by Lal Mal. Rs 23. *Not for sale.*

9 Pieces of *susi* of different patterns and colours, exhibited by Lal Mal of Batala (Gurdaspur district). Rs. 55-9. *Not for sale.*

13 Pieces of check cloth from Khushab (Shahpur district). Price Rs. 26-13. *Not for sale.*

Collection crotchet-work, cotton bags, &c., by Kapur Singh of Patiala. Price Rs. 6-2. *Not for sale.*

A *Chautahi* and a *khes*. Rs. 24-2 and 7-8 respectively. Exhibited by His Highness the Raja of Nabha. *Not for sale.*

36 Sample pieces muslin. Rs. 4-8. Exhibited by His Highness the Raja of Nabha. *Not for sale.*

1 Piece chautahi. Rs. 10. Exhibited by His Highness the Maharajah of Patiala. *For sale.*

1 Khes, white, 7, ditto ditto.

1 Ditto, checked, Rs. 3-8, ditto ditto.

COTTON FABRICS, PRINTED GOODS, PUNJAB.

There are few crafts more widely practised than cotton printing, which is found in the small villages of remote districts as well as in large towns. At Kot-Kamalia in the Montgomery district and Sultanpur in the Kapurthalla State, two comparatively insignificant places, the best work is produced. Some of these were on the ceiling of the Court. The printing is done, of course, entirely by hand, and the dyes used are indigenous in nearly all cases. The patterns vary considerably. Those of the Umballa district on narrow widths are "all-over" diapers or stripes, and are principally sold in the hills. The Sultanpur work is often in two colors only, a terra-cotta red on a salmon or ivory ground, and is eminently suited for wall hangings, *dados* or *dewargirs*, as they are called by native workmen. Other examples are from Lahore, Mooltan, Hassan Abdal, Sialkot, Amritsar, &c. Among the Kot-Kamalia *purdahs* is an example of hand brush-work, aiding the block in the production of a large tree, as in the hand-painted *persiennes* of a hundred years ago, imported from Persia. The chief native use of cotton print is in the form of an *abra*, a large oblong quilt, which wadded with cotton, forms a winter wrap. It is now, however, largely used for lining the walls of European houses, and no other means of decoration produces so warm and rich an effect at so cheap a rate. The dyes used in the printing protect the cloth from insects, and when tightly stretched they are not found to harbour dust. The trade has greatly improved of late years, and received an impulse from the Punjab Exhibition of 1881-82.

Another variety eminently suited for decorative purposes is the gold and tinsel-printing done at Delhi, Kangra, Rohtak, Lahore, and other places. This is printed with wooden blocks in a *massala*, chiefly composed of glue, which serves as a gold-size, on which gold, silver or tinsel leaf is applied. Fabrics of this kind will not, of course, bear washing. There natives use it for wedding gear, but they are coming into favour for *portieres*, curtains, and panelling in English houses. Another curious variety, which though not cotton printing strictly speaking, may be conveniently noted here, is the lac and color painting on red and blue cotton fabrics produced in the Peshawur district. Blocks are not used, but red, yellow, and other colors in a thick sticky pigment are applied in bold semi-barbaric patterns, on which, as they dry, *adrak* or powdered talc is sprinkled. Examples are shown by Haji Malik Rahman, Honorary Magistrate of Peshawur.

It should be noted that, contrary to common belief, few of the colors used in native cotton printing are permanent. The red from madder, blue from indigo, turquoise from copper, and black from iron are often fairly fast, while greens and yellows are fugitive. No glazing is applied to colored work as in Persian, Masulipatam and, English chintzes. The white *ghati* or 'longcloth' of Rahon, Jullundhur, on the other hand, is very highly glazed.

2 Bed-covers, by Munna of Delhi. Rs. 3. *Not for sale.*
6 Cotton prints, by Illahibaksh of Delhi. Price Rs. 6. *Not for sale.*
8 Pairs of curtains of different sizes, by Chanda Singh of Sultanpore, Kapurthalla. Rs. 2-3 to 21. *Not for sale.*
20 *Jajims* (floor cloths), of different sizes, by ditto. Rs. 15-12 to Rs. 105. *Not for sale.*
19 *Dados* or *dewargirs*, different, sizes, by ditto. Rs. 57-12. *Not for sale.*
Table cloths, *abras*, bed cloths, bed-covers, table-covers, and curtains, &c., by ditto. Rs. 4 to Rs. 30-3. *Not for sale.*
Cotton prints, Rs. 33. *Palangposh*, dados, *abras*, *purdah*, &c. by Alla Yar of Kot Kamalia (Montgomery district), from Re. 1-8 to Rs. 28-2. *Not for sale.*
Curtains, *abras*, *safa*, exhibited by Patte. Rs. 16-12. *Not for sale.*
12 *Abras* and a dado, by Abdulla of Mozang, Lahore district. Rs. 15 and Rs. 2-8 respectively. *Not for sale.*
2 *Abras* from Hasan Abdal, Rawalpindi district. Re. 1-2. *Not for sale.*
Eight cotton prints, dado, *palangposh*, &c., by Jhandu of Lahore. Rs. 26-8. *Not for sale.*
2 *Abras*, from Lahore bazar, exhibited by Gulzari. Rs. 3-7. *Not for sale.*
5 *Abras* from Amritsar. Rs. 7-7. *Not for sale.*
Eight pieces of *abras*, chintzes, &c., by different makers, from the Amballa district. Rs. 11-8. *Not for sale.*
12 Cotton prints from Bahrampore, Gurdaspore district. Rs. 13-11. *Not for sale.*
5 Pieces from Sialkot. 1 floor cloth, Rs. 5-8, 3 razai, Rs. 3-8. and 1 pair razai, Rs. 2-4. *Not for sale.*
5 Lac-painted curtains, exhibited by Haji Malik Rahman of Peshawar. Rs. 7 each. *Not for sale.*
4 Ditto table cloths, by ditto. Rs. 14. *Not for sale.*
2 Small window curtains, by ditto. Rs. 4. *Not for sale.*
3 Ditto Handkerchiefs, by ditto. Rs. 3. *Not for sale.*
2 Silver prints on cotton from Amritsar. Rs. 6. *Not for sale.*
12 Tinsel prints from Rohtak Rs. 48-8. *Not for sale.*
3 Ditto, from Kangra, by Nuran Baksh. Rs. 17-8 *Not for sale,*
8 Ditto, from Delhi by Kumed Singh and Nathoo Singh. Rs. 56. *Not for sale.*
2 Ditto, from Lahore, by Golab Mal. *Not for sale.*
1 Gold ditto, by ditto. *Not for sale.*

CLASSES XXXIX & XLIV.—WOOLLEN FABRICS & SHAWLS.

It is natural that a province situated as the Punjab is with a northern frontier of hill territory, where severe and long winters are the distinguishing characteristics, and having a north-western frontier giving access to the Cabul and Kashmir trade, that the variety of woollen fabrics should be considerable. Excluding carpets as forming a special class, we include under woollen fabrics two main classes of goods:—(1), those in which the "*pashm*" of the shawl-wool goat is employed; and (2), those in which ordinary wool, or camel or goat hair, is employed.

Under the first class, the Kashmir shawls are the most prominent. They are of two kinds: the first is the loom-woven, in which the pattern is produced in the loom itself, by the aid of a vast number of small bobbins carrying the colored *pashm*, the shuttle and cross threads being only used to secure the whole fabric; the second is the cheaper kind, in which the whole of the pattern is embroidered with the needle. The shawls are made in traditional forms, the "doshala," or long shawl in pairs, the "rámál" or square shawl, and the "jámiwár," or shawl always in broad stripes of alternate color, green and white, red and blue, &c.,

The shawl trade is a very fluctuating one. As a rule it may be said that the fabric is too costly in proportion to the appearance it makes. The exports from Kashmir were in value—

Rs. 21,50,000 in 1880.
" 10,88,000 in 1881.
" 11,31,000 in 1882.

The introduction of the aniline dyes has done a great deal to injure the design and appearance of shawls, especially the coarse crimson known as magenta shawl. Weaving is carried on in Amritsar, where, however, the Chángthán stout wool is obtained, and not the first quality, which never leaves Kashmir.

In Gujrat a little coarse shawl weaving is done, and at Núpúr also, but here, and occasionally at Sialkot, shawl edging only is made. The edge of the shawl has to be stiffer and stronger than the shawl itself, and is woven on a silk ground. There is some likelihood that the "kinára" or edging by itself may become an article of trade, as it might be used for dress trimmings and other purposes.

In Amritsar and Ludhiana, a popular form of shawl, usually plain, is made, and known as the "Rámpúrá chaddar." The shawl is of thin, plain, single thread or twist pashm in white, red, and other colors. It may or may not have a shawl border or embroidered corner pieces. The value varies according to quality, and as people are in the habit of demanding cheapness, the use of a soft wool called "wáhábshahi" imported from Kabul to adulterate or replace the real shawl wool, is not uncommon. The name "Rámpur" is derived from the fact that in former years some fine blankets or shawls made of the soft sheep's wool of the Basáhir valley (Upper Sutlej, capital Rámpur) used to be sold at Ludhiána, and the pashm chudders now sold are an improvement on this, but have kept the name.

Other fabrics of pashm or shawl wool are much in demand. Such are the plain cloths called *alwán* or *yák-tara*, which are fine soft cloths, of thin twisted thread, properly speaking unfelted. "Malida," as the name implies, is a thicker cloth of coarser thread, and felted with "rita" (soapnut, *sapindas detergens*) and water till the threads are no longer distinguishable.

The term *pattú* is also applied to pashm plain cloth.

Of other woollen fabrics, the protected hill states of Simla and the British districts of Kangra (including the Kulu valley), Chamba and other hills are the great provinces. The climate there demands woollen clothing, of which a striking example is to be found in the quaint dress of the Chamba "gaddi" or mountain shepherd. It is of coarse but stout and warm grey wool, the ample coat or blouse being secured at the waist by a long girdle of dark brown wool rope felted till all trace of pleating disappears. Among other fabrics, goat blankets, in checked pattern and plain, are often sent down, and these are ornamented with borders and fringes of cotton, often of pleasing design. The hill people everywhere are acquainted with the art of dyeing wool with madder, which gives a dull, deep red, and with yellow from the root of *Anchusa*, and other plants also with black. The browns and greys are natural colors of the wool. The result of the colors in combination is exceedingly picturesque and good. In the plains the ordinary wool weaving is almost confined to dark brown and black blankets, and to goat hair cloth woven into "borás," or stout sacks for grain, &c. A finer blanket or shawl, called "loi," is also much worn by the middle classes in the cold season; it is usually white. Woollen cloth (brown and grey) called "pattu" is made in narrow widths in districts bordering on the hills; it is warm and soft, but does not wear well. From the north-western frontier are woollen fabrics in some variety. The camel has an inner wool or pashm like the shawl goat; and the Central Asian States, as well as Afghánistán, make varieties of "bark" and "urmak," and other camel hair cloth, some of it costly, being fine and close in texture and usually pale stone color and shades of brown, all these being of the natural color of the hair. Good "chogás" or long overcoats, of this material are occasionally to be had. Furs are imported from Kabul, a smooth white fur, a brown, called "sable," but in reality quite different from the Russian sable. The Himalayan fox and otters are common. *Postins* (enumerated under the head of leather) are coats made of sheep's skin with the long hair inside; the skin is carefully tanned and softened and often embroidered in silk. Astrakhan lamb's skins are occasionally to be had; they are of short curly hair, very soft and jet black. They are evidently from very young animals, and it is said the finest are obtained by cutting the young before birth from the dam, which is slaughtered for the purpose, and hence the high price of these skins.

CLASS XXXIX.—WOOLLEN FABRICS.

Three pieces woollen cloth from Peshawar, exhibited by Haji Malik Rahman: 1 malida (shrunk and fulled cloth) and two *alwáns*, Rs. 15 and 40 respectively. *Not for sale.*

Two woollen *doputtas* from Rampore. Rs. 13 each. *Not for sale.*

Puttoo (a woollen cloth) from Kulu. Rs. 5. *Not for sale.*

Three blankets striped, from Kanawar. Rs. 28. *Not for sale.*

One woollen *puttoo*, by Samad Mir of Sujanpore, Gurdaspore district. Rs. 8-2. *Not for sale.*

Two *puttoos* from Amritsar, exhibited by Punjab Government. *For sale.*

Three Herat woollen *chogas* from Peshawar, exhibited by Haji Makli Rahman. Rs. 100. *Not for sale.*

Two woollen *chogas*, exhibited by ditto. Rs. 113. *Not for sale.*

CLASS XLIV.—SHAWLS AND GOLD EMBROIDERY ON SATIN, MERINO, &C.

Twelve articles gold embroidery: table covers, screens, cushions, tea cosy, mantlepiece covers, brackets, chair covers, panel screens, &c., from Delhi, exhibited by Moti Ram, shawl merchant, Delhi. Price Rs. 14 to 90. *For sale.*

Twelve objects ditto ditto, exhibited by Lala Manick Chand, shawl merchant, Delhi. Prices vary from Rs. 15 to Rs. 70-8. *For sale.*

Collection of 13 shawls and gold embroidered table covers, &c., exhibited by the Punjab Government. Rs. 22-8 to Rs. 237-8. *For sale.*

Twelve square shawls, exhibited by Lala Salig Ram of Amritsar. Rs. 35 each. *For sale.*

Collection of Rampore Viceregal shawls, Cashmere scarfs, *jamewars*, pashmina girdles, table cloths, square shawls, *chogas*, cushions, tea cosies, dressing gowns for ladies and gentlemen, *alwans*, &c. Exhibited by Davee Sahai, Prub Dyal, shawl merchant, Amritsar. Prices varying from Re. 1-14 to Rs. 150. *For sale.*

Three Rampore white shawls, and two embroidered caps from Ludhiana, exhibited by Abdulla Loan, shawl merchant, Ludhiana. Rs. 10 to Rs. 150. *For sale.*

Collection of Rampore shawls (Empress and Viceregal), Cashmere shawls, girdles, turbans, *rumals*, dressing gowns for ladies and gentlemen, &c., exhibited by Davee Sahai, Chamba Mal, shawl merchants, Amritsar. Rs. 7-8 to Rs. 650. *For sale.*

One embroidered dress with front piece, by Khalifa Barkat, of Delhi. Rs. 30. *Not for sale.*

Pair panel screen, by Kallu Mal of the same place. Rs. 17. *Not for sale.*

One *jamewar* and two square shawls, exhibited by Samad Mir of Sujánpore, Gurdaspore district. *Not for sale.* Rs. 18 and Rs. 81.

One saddle-cloth, crimson velvet (*zinposh*), exhibited by Barkat Ram of Lahore. Rs. 250. *For sale.*

One *charjama*, 3 pieces (maroon velvet saddle). Rs. 200. *For sale.* Exhibited by ditto ditto.

One saddle-cloth, gold embroidered, Rs. 250, exhibited by His Highness the Maharaja of Patiala. *For sale.*

One ditto embroidered in colours, Rs. 12, ditto ditto. *For sale.*

Three samples gold embroidery. Rs. 24-11 (*dank-ká-kám*), exhibited by His Highness the Maharaja of Patiala. *For sale.*

Four woven *purdahs*, Rs. 60 each, by Davee Sahai, Chumba Mal, shawl merchants, Amritsar. *For sale.*

Two *rumals* (square shawls) by Abdul Sitar of Dera Nanak, Gurdaspur District. Rs. 40-8 each. *For sale.*

CLASS XL.—SILK FABRICS.

The silk-weaving of the Punjab is carried on at various places, but Lahore and Amritsar are the centres of the ordinary silk pieces called "*gulbadan.*" Very fine qualities are not now in demand as they used to be in Sikh times; the texture is poor, and the breadth (the surest sign of poverty) narrow. The Sikh sirdars liked silk with a web of 2,400 threads.

There is no desire to have any lustre on silk; a fine *gulbadan* is known by its stiff, thick fabric, and the surface has a slight downy feel like the surface of a peach. The *gulbadan* is always in stripes, green and crimson, lilac and scarlet, and yellow and crimson are favorite combinations. Plain silk is called "daryai," and green of a yellowish cast and a cochineal crimson are the favorite and not very pleasing tints. When two colors are interwoven to give a resemblance to what in Europe is known as "shot silk," the resulting fabric—a by-no-means pleasing one—is known as *dhúp cháno* ("sun and shade").

The native dyers do not show so well in their colors of silks, and it is remarkable that the aniline dyes which might be used in plain fabrics with more advantage; are only occasionally employed, and not nearly so much as they are in embroideries, carpets and shawls, when their sharp and bright tones invariably kill the other colors, and produce a vulgar and inharmonious effect.

The native gentry occasionally use as scarves, squares of twilled silk, usually crimson or scarlet, with a rich gold border and called "khes." These scarves are also used for purposes of ceremonial presentation. Silk long-scarves or "lúngis" are also made. These are of various colors; yellow being a favorite, and always gold bordered. In Multan and Bahawalpur, almost exclusively, the variegated silks are produced; the patterns are checks or stripes with various sprigs or herring-bone patterns on the stripes; gold thread is frequently introduced. The "Shuja-khani" is a silk of this character. Bahawalpur also produces "sufi" or mixed silk and cotton fabrics; for according to strict Mohamedan law, it is forbidden to the faithful to wear pure silk. Velvet, though much in use, is not made, and is always imported, either French or Russian.* A number of silk fabrics are imported from the North-Western frontier. Soft silk of Andijan, usually dark-blue and rather hideously spotted in white, crimson and yellow; the "kanawez," a sort of "short silk" of Bokhara; the "durma" to European eyes most hideous, a pattern of colors in great splashes running one into another are the most commonly seen.

Commercially speaking, the Bahawalpur silks seem the most likely to be attractive; they are certainly well adapted for curtains and the finer class of hangings, but the cost is somewhat high.

Twenty-eight full pieces. Silks (*daryai*) and three silk turbans from Lahore, by Lala Burkat Ram. Price from As. 12 to As. 14 a yard, and turbans Rs. 3-12 each. *Not for sale.* A complete collection of self-colored Lahore silks.

One *kamarband* (girdle) from Kohat, by Atar. Price Rs. 15. *Not for sale.*

Three *lungis* from Peshawar, exhibited by Haji Malik Rahman. Price Rs. 24 each. *Not for sale.*

One *kamarband* (girdle), by ditto. Rs. 6. *Not for sale.*

Two *kulapech* (turbans) and two handkerchiefs (*rumals*) from Jhelam, by Fatteh Sher. Price Rs. 16-6 and Rs. 2 respectively. *Not for sale.*

One Persian silk (*khudbáf*) and three *kulapech* (turbans) from Peshawar, exhibited by Haji Malik Rahman. Price Rs. 50 and 24 respectively. *Not for sale.*

* It is said also that this is Persian velvet; whether this is made in Persia, or is a Russian import it is difficult to say.

Two Multan silks, exhibited by Lala Barkat Ram, Lahore. Price Rs. 50 each. *Not for sale.*

Two Bahawalpur silks, by Emam Baksh and Kirbhan. Price Rs. 164. *Not for sale.*

Two Multan silks (*iklais*) exhibited by Lala Barkat Ram. Price Rs. 50 each. *For sale.*

Three Bahawalpur silks. Price from Rs. 13 to Rs. 120. *For sale.* Exhibited by Punjab Government.

One silk *doputta* from Multan, red. Price Rs. 62.

Two *iklais* (silks) from Multan. Price Rs. 40-8 each. *For sale.*

Two ditto from ditto. Price Rs. 55-8. *For sale.*

One ditto from ditto. Price Rs. 39-8. *For sale.*

Two pieces silk, green. Price Rs. 40-2 and Rs. 16-0-6, respectively, exhibited by His Highness the Raja of Nabha. *Not for sale.*

Nine pieces of silk, different colors. Rs. 62-1-6. Exhibited by His Highness the Maharaja of Patiala. *For sale.*

Samples of silks. Price Re. 1-8 ditto. *For sale.*

CLASS XLIII.—MIXED FABRICS.

One cotton and wool-cloth (*loi garhhi*), by Samad Mir of Sujanpur, Gurdaspur district. Price Rs. 3-8. *Not for sale.*

One *sufi*, silk and cotton, from Bahawalpur. Price Rs. 10. *Not for sale.*

CLASS XLV.—PATOLIS WORK—SMALL SILK WARE.

Almost every kind of small silk-wares falls to the share of the *patoli* or *ilákaband* (called in the South-Eastern districts *patwá*).

His main trade is to make the long netted girdles that are in use as trouser-strings by all classes. These are often made with tassels, prettily bound and divided with gold thread and colored silk.

The patoli also makes the silk leader used for leading the horses of the wealthy (*sirdiwál*), and the "sejband," or cord and tassels used to secure the cover-let to the corners of the bed.

Many kinds of silk ornaments are also made by him. The silken strings used for supporting the coins, amulets, silver plates, and other pendants so universally worn round the neck, are of his making; so also the long silk-tasselled tail, called "paránda," which is plaited into a maiden's hair, and various forms of silk flowers and tassels, variegated with beads and gold tinsel that are worn in the hair or in the ears. The patoli also makes, on a small sort of hand loom or frame, a variety of what we may call gimp and edgings for trimming, also silk fringes and tassels; he will imitate perfectly European furniture cord tassels and fringes, weaving the ribbon part of the fringe on his little loom.

He does not work in gold thread, or in making gold ribbons; that is quite a separate trade.

Among the specimens of patoli's work in the collection is some beautifully ornamented furniture for hawking, sent from Kapúrthala.

Delhi, Lahore and Amritsar are the chief places for the ilákaband's work. The last census showed 2,145 persons as silk cord weavers, and 545 makers of girdles only.

Plumes, *sejbands* or ties for native beds, dagger-belt, sword-belt, coat trimmings, rosary fittings, &c., from Delhi, by Illahi Baksh, Patwa. Price from Re. 1-8 to Rs. 8. *Not for sale.*

Four sets of hawk's furniture from Kapúrthala, exhibited by the State-maker, Sawan Mir. Prices Rs. 10-12 to Rs. 64-9. *Not for sale.*

These comprise hawk-hoods, gauntlets, lures, leashes, &c., almost exactly resembling the falconry gear of Europe.

Parándas or *queues* for the hair of native ladies, *jhumkian* earrings, &c., by Golam Qadir of Lahore. Price from As. 8 to Rs 5-8. *Not for sale.*

Two cross-belts from Amritsar exhibited by Ramji Dass. Rs. 25. *Not for sale.*

Gold cross-belts, exhibited by Lala Ramji Dass of Amritsar. Prices from Rs. 9 to 15. *For sale.*

Parándas by ditto. Re. 1-2. *For sale.*

Two *sejbands*, one *azárband* and three pieces of gold lace, and *los* Rs. 38-11-6. Rs. 5 and Rs. 44-10 respectively, exhibited by His Highness the Raja of Nabha. *Not for sale.*

Artificial silk flowers, contained in a glass case, exhibited by His Highness the Maharaja of Patiala. Rs. 10. *For sale.*

One *sejband*, silk and gold (bed ties), Rs. 29, ditto, ditto.

One *paránda* or queue for the hair of native ladies, Rs. 7, ditto, ditto.

One *azárband*, Rs. 3, ditto, ditto.

Two *azárbands*, Rs. 9. *For sale.*

One jal (horse neck tassel), Rs 4-8, ditto, ditto.

One lace tassel, Rs, 2-10, ditto, ditto.

One pair lace earrings, As 6, ditto, ditto.

One silk plume or crest, ditto, ditto.

One gold cross-belt and girdle, Rs. 15, ditto, ditto.

One belt, gold work, Rs. 25-5, ditto, ditto.

One silk button (*amb*) As. 12, ditto, ditto.

One model of chillies in silk, As. 4, ditto, ditto.

PEASANT EMBROIDERY OR PHULKARI.

These embroideries are of so distinctive a character as to call for special notice. The *phulkair* (literally, flowered work) or silk broidered *chadar* of the Punjab is wrought in many districts, but perhaps best in Hazara, and similar outlying regions, where the traditional patterns are strictly adhered to. Since the Punjab Exhibition of 1881 a considerable trade has arisen at Amritsur, where, and in the neighbouring villages, women of nearly all castes occupy their leisure in this work. The best *phulkaris* are wrought on cotton cloth of country manufacture, dyed in various shades of dark to light red or in indigo to black. The silk used would be called *filoselle* in England, and the colors are usually black, gold, orange, lac, red, somewhat crude green, and recently some raw and unpleasant aniline mauve and magenta hues. There are no curved forms in the patterns, and the stitch, a long and straight one, is carried across the field in diapers, herring bones, chequers and zigzags in such a way that it is unnecessary to trace the pattern first; the spacing being done by eye, and in fine work by counting the stitches of the ground. English Turkey red is occasionally worked upon, but the fineness of the cloth is rather a disadvantage than otherwise; one of the points of this work being the contrast of the lustrous silk with the deep, rich texture of the country-made cotton fabric. None of the modifications indeed which have been tried by people in search of some trivial novelty of treatment have turned out improvements. Industrial and Mission Schools have succeeded in producing Europeanised versions of the *phulkari* of quite astonishing hideousness, and it may be broadly said that the more primitive the district the better the work. In some cases the whole field is hidden by a diaper of gold or orange-colored silk with admirable effect. In others, gold colored lozenges with red flowers are thinly powdered over the dark ground. The variety of pattern, however, is practically as endless as the kaleidoscope, and it is no wonder that this agreeable and comparatively cheap material is greatly in favour for decorative purposes. The *shishadar* (looking-glass) *phulkari* has small, circular, slightly convex mirrors sewn in the pattern, which produce a quaint and fantastic effect.

The same work is applied to feminine garments, as in the bodice, drawers and petticoats. Pretty bags are embroidered in the Hazara district, but as the work is there an exclusively domestic occupation, it is not always easy to procure them. In judging a *phulkari* for texture and workmanship, as it is worked from the back, the back should be examined for evenness and fineness of stitch. No frames are used, and the darning, so to speak, should be without buckle or stretch. At Amritsar the work can be procured on any size or shape of cloth for special uses, if ordered through such firms as Davee Sahai and Chamba Mal, or Davee Sahai and Prub Dyal. The silk varies much in quality, and should be carefully examined by the purchaser.

The prices range from Rs. 5 to Rs. 20 for the ordinary *chadar*. The *chope*, a variety with a deep border and plain field, is effective for some purposes. In the Hissar and Sirsa districts curious and characteristic *phulkari* work is wrought on a rough, country-made, woollen fabric, dyed red, woven in narrow widths and joined down the middle with an open work stitch. The patterns are quaint and archaic, and worked in sampler stitch. Occasionally creatures and objects are attempted in squares and triangles; but simple chequered patterns are more common. These primitive and unpretentious fabrics are in a good tone of color, and have a quality of design in which more ambitious work often fails.

In this section are enumerated the *soznis* or quilts imported from Bokhara into Peshawar, samples of which are shown by Haji Malik Rahman, &c. These plainly show their Turki origin. The patterns are bold and large, wrought in a close stitch on a ground of white cotton cloth. Some of these are old, and the outlines have disappeared. The black lines of all silk embroidery wrought in the East, it may be noted, are the first to decay, as the dye rots the silk. Imitations are made at Shikarpur in Sindh, which has long kept up a trade with Central Asia.

Collection of 8 *phulkaris* from Abbottabad (Hazara district), by Hindu women. Rs. 8 to 14. *Not for sale.*

2 *phulkaris*, by Hindu women, from Sialkot. Rs. 14 and 12. *Not for sale.*

1 pair door curtains from Amritsar, exhibited by Lalas Davee Sahai, Prub Dyal, Shawl Merchants, Amritsar. Price Rs. 26. *Not for sale.*

4 woollen *phulkaris*, two *ghágras* (petticoats) and one *choli* (bodice) from Husar, by Hindu women. Price Re. 1 to Rs. 9. *Not for sale.*

7 *phulkaris* from Rohtak, by Jat women. Price from Rs. 4-8 to Rs. 8. *Not for sale.*

2 *phulkaris* from Simla. Price Rs. 14. *Not for sale.*

3 pieces *phulkari*, from Bannu district. Price Rs. 50. *Not for sale.*

2 *phulkaris* of domestic work from Lahore, by Hindu women. Price Rs. 16. *Not for sale.*

1 woollen chadar, embroidered, from Sirsa, Rs. 6. *Not for sale.*

Collection of 156 *phulkaris*, exhibited by Davee Sahai, Chumba Mal, Shawl Merchants, Amritsar. Rs. 1,331-12. *For sale.*

Collection of 48 *phulkaris* from Amritsar, by Davee Sahai, Prub Dyal, Shawl Merchants, Amritsar. Rs. 445-12. *For sale.*

4 *Soznis*, from Peshawar, exhibited by Haji Malik Rahman, Rs. 30 to 40. *Not for sale.*

1 cotton emboidered choga from Peshawar, exhibited by Haji Malik Rahman. Rs. 30. *For sale.*

1 embroidered handkerchief, 1 choga, and 1 angrikha. Price Rs. 5 and Rs. 95-7 separately. Presented by His Highness the Raja of Nabha. *Not for sale.*

1 table cloth embroidered. Rs. 31, from His Highness the Maharaja of Patiala. *For sale.*

1 Dado embroidered, Rs. 9-4 ditto, ditto.

CLASSES XLVII & LIX.—LEATHER.

The solid class of leather work, such as saddlery and making of highly finished boots, shoes and gloves, has hardly a place in the Punjab. Shoe-making for rough purposes is everywhere practised: and the different forms of shoes used in different parts of the province are quite characteristic. European boot-making has also been learned in the bazars of the larger towns. Native saddlery is very largely made up, not of leather, but of silk and velvet and embroidery. Nevertheless trappings and stirrup leathers are made of leather, and so are some plain saddles.

Stout leather mule trunks (*yakdán*), secured by tinned iron clamps, and completed by diagonal sewing of coarse thread, are made at Peshawar and elsewhere; they are of great durability, and can be prepared by coating with boiled linseed oil, to resist rain.

In Kangra and Hushiarpur, hides of animals are beautifully tanned with the hair intact, and a fine soft skin of a greenish buff-color is made into trousers, coats, leggings and gloves; the skin is that of the deer. Its local preparation depends on the use of the astringent leaves of the trees *conocarpus* and *rhus cotinus*, which cannot be got except in the lower hill ranges.

In an exhibition, there is little among our provincial leather work that is calculated to make an interesting display, except purely ornamental work. A curious work of this class is produced in Bilaspur state (on the Sutlej), and a little elsewhere also. Black leather is first made into boxes and other forms, then decorated with circles or patterns of green, or red leather, or leather covered with foil, fastened on in the manner of applique work, and then the whole is sewed in designs of white, with thin strips of the tough and flexible quill of the peacock. Very delicately embroidered leather (executed in silk) for belts and military accoutrements of the old powder horn and belt type is made at Peshawar, and a little also in the Hushiarpur district, and some very quaintly pattern belts in colored silk are made in the Derajat.

The embroidery of shoes in gold is a very extensive trade, chiefly practised at Delhi. Among the most fanciful applications of leather is that found at Kasar, Hissar, and other places; vases for the hukka are made of leather and ornamented with brass, and sometimes with green leather and studs of silver; the idea of this work was doubtless suggested by the brittleness of earthen hukka vases, when required to be moved from place to place; and the costliness of brass of silver vessels.

Ordinary leather is tanned chiefly with the bark of the kikar (*Acacia arabica*). In Kangra, catechu and lac are used in producing the native red leather which is in common use. Goat and sheep skins are alone used for this. Black leather is also common, and a fine pale greenish or turquoise blue leather is prepared by dyeing previously bleached thin leather with acetate of copper. The Peshawar "kimukht" is the best kind.

CLASS XLVII.—SHOES.

3 pairs sandals, lent by Major C. H. Marshall, Superintendent, Chumba. *Not for sale.*

Sixteen pairs gold embroidered native shoes for men and women, from Delhi, by Sharafuddin. Prices from Re. 1-12 to Rs. 7. *Not for sale.*

Collection of 15 pairs ditto of different sizes and patterns, by Mir Baksh of Delhi. Prices from As. 9 to Rs. 5-8. *Not for sale.*

Collection of (Hushiarpur, Kasur, Cashmere, and Lahore patterns) 11 pairs of shoes for men and women. Prices from As. 6 to Rs. 5-10 from Lahore, by Mulla. *Not for sale.*

Pair man's shoes from Bahawalpur. Price Rs. 7-8. *Not for sale.*

One pair sandals and a pair women's shoes from Peshawur by Haji Malik Rahman. Price Rs. 6 and Rs. 3 respectively. *Not for sale.*

One pair sandals or chaplis and a pair for women (kheri), by Nawab of Kohat. Rs. 8 and Rs. 5 respectively. *Not for sale.*

From Kotgarh 4 hill shoes. *Not for sale.*

Two pairs gold embroidered shoes. Price Rs. 35-4-6. Exhibited by H. H. the Raja of Nabha. *Not for sale.*

CLASS LIX.—LEATHER.

A belt from Peshawur, exhibited by Haji Malik Rahman of Peshawur. Price Rs. 6. *Not for sale.*

Two leather and quill boxes, 1 pen-case, and a belt from Bilaspur (Simla district). Price Rs. 14. *Not for sale.*

Two whips, silver handles, by Alla Din of Jhelam. Price Rs. 2-8. *Not for sale.*

Russia leather (Bulghar), exhibited by Haji Malik Rahman of Peshawur. Price Rs. 32. *For sale.* Imported overland into Peshawur.

Five sheep-skin coats embroidered (*postins*), exhibited by ditto. Price Rs. 15 to Rs. 35. *For sale.*

Lamb skin (Barai), exhibited by ditto. Price Rs. 35. *For sale.*

Two cat skins (Peshak), exhibited by ditto. Price Rs. 25 each. *For sale.*

Pair mule trunks. Price Rs. 16. Exhibited by ditto. *For sale.*

Ditto Price Rs. 20. *For sale.*

Charjama, saddle, by Isa of Kasur. Price Rs. 100. *Not for sale.*

Taro from Bahawalpur. Price Rs. 10. *Not for sale.*

CLASS XLVIII.—HAT AND CAPS.

Three embroidered caps from Peshawar, exhibited by Haji Malik Rahman. Price Rs. 12-6 and Rs. 4 respectively. *Not for sale.*

Two *kulas* (caps), exhibited by Lala Nand Lal of Lahore. Price Rs. 15 and 13. *Not for sale.*

Collection of 10 caps, by ditto. Prices from As. 2 to Rs. 13. *Not for sale.*

One Bramchari cap from Lahore. Price As. 12. *Not for sale.*

CLASS L.—JEWELRY.

As it was understood that the leading jewellers of Delhi would exhibit their wares in the jewelry strong room of the Exhibition, it was not considered advisable to invite extensive contributions of articles the safe custody of which entails a heavy responsibility. The comparatively small and inexpensive collection hereafter enumerated displays, however, the most noteworthy peculiarities of the art as practised in the Punjab, excepting that there are no examples of such costly articles as jewelled jade and the combinations of precious stones with gold and enamel which are produced at Delhi. It is an old story that the *technique* of Indian gold and silversmiths is far behind that of Europe in all that concerns neatness of execution. It is also true that, while the workmen of the west are now carefully studying the best examples of all ages, those of the east seem to have given up all effort to produce variety and novelty, and are content to reproduce originals which have become tiresome by constant repetition. The mere search for novelty is apt to lead to triviality and extravagance, and is therefore to be deprecated; but it is impossible to examine a good collection of old Indian jewelry without being struck by the freshness and variety of the designs. This charm has disappeared, and cannot easily be restored.

The most original and characteristic work now produced is to be found in outlying districts, not usually visited by the tourist. In the Kangra district, quaint and curious necklaces and other ornaments are made in silver, enamelled in blue, green, and yellow. In the Hazara district roughly made articles of a similar character are found. Throughout the hill districts there is a great variety

of fanciful silver necklaces, combined sometimes with coral and amber, and more frequently with coins or small enamelled pendants in Persian cartouche forms.

Panipat has a reputation for beads in thin silver. Three necklaces of these were exhibited.

At Mooltan a considerable quantity of necklaces, bracelets, and other ornaments are made in silver, enamelled in dark and light blue, black, red, and an inferior yellow. A collection promised from this town did not arrive in time to be exhibited, but the articles give a fair idea of the craft.

The metal is alloyed with a larger proportion of copper than is usual in Indian work, the better, it is alleged, to resist the heat of the enamel firing. The pattern in the case of *solitaires*, discs for necklaces, &c., is produced by hammering plates of silver into graven dies. The raised line thus obtained is obviously poor and mechanical. In cups and larger articles the spaces to be filled with enamel are cut away by hand, and the work is then true *champlevé*, and has more variety in design.

Small articles are sold by weight at from Re. 1-4 to Rs. 2 per tola. A semi-translucent blue and green enamel is made at Bahawalpur.

The better qualities of ordinary silversmith's ornaments are shewn in the articles from Lahore, and there is special excellence of execution in the bracelets by Harnám Singh and Pertáb Singh of Shahabad.

The lapidary work shewn by Sadr Din and Gholam Ahmed of Amritsar includes some pretty arrangements of agates, cornelians, and false jade. The raw material is said to be imported from Cashmere. The light silver bracelets by Mahedju of Amritsar are in the Cashmere style.

Delhi jewelry, seven objects: 1 pair flexible gold bracelets, *chatai* or mat pattern, Rs. 200; one gold necklace, Rs. 175; one gold bracelet, rose pattern, Rs. 65; one jewelled locket, Rs. 40; one silver belt with imitation coins; one ditto, mat pattern, and a silver necklace (imitation coins), by Sobagh Chand of Lahore.

Three silver ornaments 1 enamelled necklace, pair bracelets and head ornament. Price Rs. 22-15-9, Rs. 23-4-3, and Rs. 20 respectively, by Raja Singh of Hazara. *Not for sale.*

Pair silver bracelets, by Mahedju of Amritsar, Cashmere style. Price Rs. 10. *Not for sale.*

Silver necklace from Simla. Price Rs. 10. *Not for sale.*

Pair silver enamelled bangles, toe rings, finger rings, and head ornament from Kangra. Price Rs. . *Not for sale.*

Silver and gold ornaments, enamelled bangles, *Paranda* silver, pair earrings, pair head ornaments (*chouks*), and 4 gold earrings (*pipalwatra*) from Lahore, by Jeychund. Price Rs. 121-12. *Not for sale.*

Model hooka mouthpiece, pair armlets (*tadan*), and 4 bracelets (*band*). Price Rs. 5-8, Rs. 23, and Rs. 19 respectively, by Ram Chand of Lahore. *Not for sale.*

Silver necklace and head ornament from Kotgarh. Price Rs. 32-10 and Rs. 16-4. *Not for sale.* Hill pattern.

Three bead necklaces by Sodagar of Panipat. Prices Rs. 15-1-6 to Rs. 33-11. *Not for sale.*

A chiselled silver bracelet (pair), a belt-clasp, necklace and a ring, gold and silver, by Harnam Singh and Partab Singh of Shahabad, Amballa district. Price Rs. 40, Rs. 20, Rs. 30, and Rs. 17 respectively. *Not for sale.*

Pair enamelled bangles, 1 enamelled goblet, 1 enamelled cup and 1 enamelled necklace. Rs. 76-8, Rs. 52-3, Rs. 59-15-2, and Rs. 12-15-8 respectively, from Bahawalpur. *Not for sale.*

Collection of 186 objects, jade and other stone jewelry (bangles and necklace, &c.), by Sadr Din and Golam Ahmed of Amritsar. Prices from Re. 1-8 to Rs. 80. *For sale.*

Four rings by Harnam Sing of Amritsar. Rs. 18. *For sale.*

One silver necklace, Rs. 3-14, exhibited by His Highness the Raja of Nabha. *Not for sale.*
One enamelled. Rs. 7-10-6 by ditto. *Not for sale.*

FALSE JEWELRY.

Collection of false jewelry from Delhi, by Toklu and Jagal. Price Rs. 8-11. *Not for sale.*
Collection of ditto from Amritsar. Price Rs. 18-2. *Not for sale.*
Collection of zinc ornaments from Amritsar. Price Re. 1. *Not for sale.*
A hukka, a stick, and a brass wire whip by Manick Chund of Delhi. Price 10 annas the lot. *Not for sale.*

CLASS LI.—PERFUMERY.

1. Phial containing Rusa oil, manufactured and exhibited by Baboo Novina Chandra Rai of Lahore. *Not for sale.*
1. Bottle of Rusa water, ditto, ditto. *Not for sale.*
Rusa oil is used in perfumery; the water is a favourite native specific for rheumatism.

CLASS LII.—MISCELLANEOUS.

Five hukka nechas from Delhi, by Mohamed Baksh of Delhi. Prices from Rs. 3-8 to Rs. 18. *Not for sale.*
A whip, by ditto. Rs. 5. *Not for sale.*

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

CLASS LX.—COTTON, RAW, AND THREAD.

Sample of cotton grown in Peshawar from Broach cotton-seed, Peshawar. *Not for sale.*

CLASS LXII.—SILK, RAW, COCOONS AND YARN.

Case of silk cocoons, presented by Captain E. Bartleet, Palampur. *Not for sale.*
Samples of silks, raw and manufactured, from Amritsar, care of Municipal Committee.

CLASS LXIII.—WOOLS AND YARN.

The following samples of wools and yarns have been presented by Messrs. Davee Sahai, Prubdyal, shawl merchants, Amritsar.
Sample Cashmere pashm.
" " shawl prepared suitable for spinning.
" " wool yarn, 1st quality.
" " " 2nd "
" " " 3rd "
Kirmani wool sample.
" worked.
" yarn superior.
" " inferior.
Cabuli-wool sample.

1st quality Cabuli-wool sample worked.
2nd " ditto ditto.
Cabuli-wool yarn.
3 samples of camel wool, grey, red, and black from Montgomery. *Not for sale.*
Collection of dyed wools from Delhi Jail, used in the manufacture of Jail carpets, exhibited by Dr. Ross, Superintendent, District Jail, Delhi.

CLASS LXVII.—FIBRES.

Samples of fibres, aloe and moonj, Mooltan, from Lahore and Sialkot, used for making paper.

CLASS LXVIII.—PAPER.

12 samples of paper from Sialkot, a quire each. *Not for sale.*
2 samples of paper from Mooltan Jail. *Not for sale.*
Samples of paper from Lahore Jail. *Not for sale.*

CLASS LXXVI.—DYES.

Collection of dyes from Rohtak, with a descriptive list and recipes for the production of different colours, by H. W. Steel, Esq., C.S., Deputy Commissioner, Rohtak.

Name of color.	Component parts.	How prepared.
STRAW COLOR— Fading color...	Saffron, 2 mashas ... Alum, 1 tola.	Boil the saffron in one chittack of water and having strained it, keep it in a separate vessel; then mix it with 2 seers of pure water, and add one tola alum; then dye the cloth, and after putting starch (or *kalaf*) put it out to dry. *Kalaf* is thus prepared. Take a tola of *nisbasta* or fine flour, and boil it with 4 chittacks of water.
MADDER— Fast color ...	*Maeen*, 2 chittacks *Hur kalan* 2 " *Majeeth*, 4 " Alum, 2 tolas. Logwood, 2 chittacks	Grind *maeen* and *hur kalan* very fine; add 2 seers water, then dye, and let the cloth be exposed to the sun for four days, immersed in the dye; then wring the cloth, and throw away the water; after this put cloth in 1 seer of water, mixed with 2 tolas of alum, and let it dry for one day. Beat the *majeeth* very fine, and boil it in 2 seers of water with the cloth, stirring the cloth while the water is boiling; keep it in slow fire for one hour, and then wring it, and wash it in water again; grind the logwood fine, and boil it in 2 seers of water, strain and mix *kalaf*, and then dye the cloth again.

Name of color.	Component parts.	How prepared.
SAGE GREEN— Fast color ...	*Naspal*, 4 chittacks Sulphate of iron, 2 tolas. Turmeric, 2 chittacks Alum, 1 tola.	Boil the *naspal* in 1 seer of water till reduced to 12 chittacks; strain and add 1½ seers of water more, and dye the cloth and wring it; grind the sulphate of iron, and mix it with 2 seers of water, and dye the cloth in it, and dry; then grind the turmeric fine, and mix 2 seers of water and dye; now wash the cloth well with water, then give it a dip in 1 seer of water, to which *kalaf* and alum have been added.
SCARLET LAKE— Fading color...	*Gadh shahab*, 4 chittacks. *Khattaie*, or dry mangoe, 2 chittacks.	Mix the *shahab** in 2 seers of water and dye the cloth; then soak the *khattaie* in 4 chittacks of water mixed with *kalaf*, and dip the cloth in it.
PEACOCK GREEN OR BLUE— Fading color...	Sulphate of copper, 4 chittacks. *Kullai*, or quick-lime, 4 chittacks.	Dissolve the sulphate of copper in 1½ seers of water: then dissolve the lime in another 1½ seers of water, both separately. Divide each into four parts. Take one part of sulphate of copper water, add 12 chittacks of clear water to it and then dye the cloth in it, with lime water; now wash it in 5 seers of water. Take another part of the sulphate of copper water, immerse the cloth in it, then in lime water, and so on for four times, and at last wash it in starch.
VERMILLION— Fading color...	*Gadh shahab*, 1 seer, *Khattaie*, 4 chittacks. *Dandi har singa*, 1 chittack.	Mix the *shahab* in half seer of water and dye the cloth in it, and after giving it some *khattaie* water, wring it; then boil the har singa in 4 chittacks of water, strain, and having added the remaining ½ seer of *gadh shahab* and *kalaf*, dye the cloth again.

* *Note.*—*Shahab* is thus prepared: Take a seer of *kasumbha* and beat it; then put it in some cloth and hang it on a stand, and pour water in it till it ceases to give yellow color; then wash it and press it; now put it in a kundi or earthen water vessel and rub it with 3 tolas of *sajji*; then put it again on the stand and pour water on it; when the color comes out, then put into it the filtrate of 6 chittacks of *khataie* or unripe mangoe, soaked in ½ seer water and having shaken it, let it stand in a separate vessel; after two hours the sediments will fall down to the bottom; separate the clear water and keep it aside; this water will give a light color; the sediment is a first class tint, which is called *shahab*—4 chittacks *shahab* is prepared from one seer of *kasumbha*.

Name of color.	Component parts.	How prepared.
CANARY— Fading color...	Sun flowers, 4 chittacks. Turmeric, 2 chittacks. Alum, 1 tola.	Boil the flowers in water, strain and keep the water in a separate vessel, to which add 2 seers of pure water and dye the cloth, and add the ground alum, or grind the turmeric fine, and 2 seers of water, and dye the cloth after mixing alum with it: wash the cloth with pure water and give *kalaf*.
DEEP PURPLE— Fading color...	*Lajward* or English indigo, 1 chittack. *Gadh shahab*, 6 chittacks. Alum, 2 tolahs.	Mix the *shahab* in 2 seers of water, and dye the cloth; then put the *lajward* or indigo in the same water and dye, and put the alum in with the *kalaf*.
LILAC RED— Fading color...	*Kasumbha*, 12 chittacks. *Khattaie*, 4 chittacks. *Lajward*, 6 mashas.	First make the *shahab* from the *kasumbha* as directed above; then add 2 seers of water, and dye the cloth. Soak the *khattaie* for three hours in ½ seer of water, then put the water in, mix the *lajward* with the *shahab* water, and having put the *kalaf* in, dye the cloth in it.
LEAF GREEN— Fading color...	Turmeric, 1 chittack. Alum, 2 tolas. *Rang sardaie*, 2 tolas.	Pulverise the turmeric and mix with 2 seers of water, and dye: then wash and wring the cloth; then dissolve 2 tolas of *rang sardaie* in water, and dye again and give *alum kalaf*.
VENETIAN RED— Fading color...	*Gadh shahab*, 4 chittacks. *Dandi har singa*, 3 chittacks. Alum, 1 tola.	Dye the cloth in *shahab* with 2 seers of water, wring the cloth, and throw away the water. Boil the *har singa* in 6 chittacks of water, strain and dye, and put alum and *kalaf* in it.
DARK PURPLE— Fading color...	*Lajward* or English indigo, 3 tolas. *Shahab*, 6 chittacks. Alum, 2 tolas.	Mix the *shahab* in 2 seers of water and dye, then dissolve *lajward* or indigo in the same water and dye, and then put alum and *kalaf*.
SNUFF COLOR— Fading color...	Galls, 1 tola. Sulphate of iron, 1 tola. *Shahab*, 2 chittacks. Turmeric, 2 „ *Naspal*, 4 „ Alum, 2 tolas.	Pulverise galls, sulphate of iron, turmeric and alum, each separately. Boil *naspal* in a seer of water till reduced to 12 chittacks, strain, and add 2 seers more water; dissolve the galls in it, and then dye; wring the cloth and throw the water away; again dissolve the sulphate of iron in 2 seers of water, dye the cloth and let it dry; then mix the turmeric with 2 seers of water and dye and wring it; wash the cloth in pure water and lay it to dry, then dip it in the *naspal* water to which *kalaf* has been added, and put some alum in it.

Name of color.	Component parts.	How prepared.
PURPLISH GREY—Fading color..	Galls, 1 tola. Sulphate of iron, 6 mashas. Alum, 1 tola. *Shahab*, 1 „	Powder galls very fine, and 2 seers of water and dye the cloth: then dissolve the sulphate of iron in 2 seers of water and dye the cloth again and let it dry; then again put the cloth in 2 seers of water mixed with *shahab*, then the alum and *kalaf* with it.
LIGHT GREEN—Fading color...	Sun flowers, 2 chittacks. *Lajward*, 1 tola. Alum, 1 „	Boil the sun flowers in ½ a seer of water, strain, and 1 seer and a half more water, and dissolve the *lajward* in it and dye; then add alum and *kalaf*.
LIGHT BROWN—Fast color ...	Galls, 2 tolas. Sulphate of iron, 6 mashas. *Shangraf*, 1 tola. Alum, 1 „	Grind separately all these into fine powder; first put the galls in 2 seers of water and dye the cloth, wring it; then mix the sulphate of iron in 2 seers of water and dye, and let it dry, then dissolve the *shangraf* in 1 seer of water, put in alumand *kalaf*.
GREY—Fast color ...	Galls, 1 tola. Sulphate of iron, 6 mashas. Alum, 2 tolas. *Naspal*, 4 chittacks.	Grind galls, sulphate of iron and alum fine; dissolve the galls in 2 seers of water and dye and wring; then dissolve the sulphate of iron in 2 seers of water, dye, and dry; again dissolve the *naspal* in 2 seers of water and dye after adding the alum and *kaluf*.
FAINT PINK—Fading color...	*Shahab*, 1 tola. Alum, 1 „	Mix the *shahab* in 2 seers of water, dye and wring; then having added *kalaf* to pure water give the cloth a dip in it
BLACK BROWN—Fast color ...	*Naspal*, 6 chittacks Sulphate of iron, 2 tolas. Al, 6 chittacks. Alum, 2 tolas. Logwood, 2 chittacks.	Boil the *naspal* in one seer of water till reduced to 12 chittacks, and dye; dissolve the sulphate of iron 1½ seer of water and dye the cloth, and after wringing, add alum and dry. Bruise the alum and boil it together with the cloth in 2 seers of water on slow fire, then wash it in pure water. Boil the *lajward* in 2 seers of water, strain, and having added the *kalaf*, dye the cloth in it.
YELLOW OCHRE—Fading color...	*Gadh shahab*, 2 chittacks. *Dandi har singa*, 3 chittacks. Alum, 1 tola.	Boil the *har singa* in 6 chittacks of water, strain, and keep it in a separate vessel. First dye the cloth in 2 seers of water mixed with *shahab*; then dye it in the *har singa* water, afterwards add some alum with *kalaf*.

Name of Color.	Component parts.	How prepared.
TERRA-COTTA—Fading color...	*Gadh shahab*, 1 chittack. *Dandi har singa*, 1½ chittack. Alum, 1 fola.	Mix the *shahab* in 2 seers of water and dye, and wring the cloth; then boil the *har singa* in 4 chittacks of water as above explained, and having strained it dye the cloth, then put the alum with the *kalaf*.
DARK GREEN—Fast color ...	Indigo, 4 chittacks Turmeric, 2 „ *Naspal*, 2 „ Alum, 2 tolas.	First prepare the indigo as follows: take indigo 4 chittacks, *chunam* 4 chittacks, *sajji* 2 chittacks, treacle 1 chittack; grind the indigo fine, and mix it with 20 seers of water; then having powdered *sajji*, put it with *chunam* and treacle; it will be ready on the fourth day. Now dye the cloth and dry it. Dye and dry the cloth thus five times. Now mix the powdered turmeric with a seer of water, dye and dry the cloth, wash it in water, and having wrung it, put it twice in *naspal* water dyeing the cloth each time, then put in alum in the same *naspal* water with *kalaf*, and give the cloth a dip.
PINK—Fading color...	*Gadh shahab*, 1 chittack. Alum, 1 tola.	Mix the *shahab* in 2 seers of water, dye, and then put in alum with *kalaf*.
DEEP PURPLE—Fast color ...	English indigo, 1½ chittacks. *Gadh shahab*, ½ seer. *Khattaie*, 2 chittacks.	Dissolve the indigo in 2 seers of water, dye, and dry: then put the *shahab* in ½ a seer of water and again dye; soak the *khattaie* in 4 chittacks of water for 3 hours; strain, and mix with the strained water the *kalaf*, and then dip the cloth in it.
INVISIBLE GREEN Fast color ...	*Naspal*, 6 chittacks Turmeric, 2 „ Alum, 2 tolas. Indigo, 2 chittacks. Sulphate of iron, 2 tolas.	First dissolve the indigo in water; then add another seer, and dye the cloth and let it dry; mix the turmeric in 1 seer of water and put the cloth in it, and again dye it, and wash it in pure water. Boil the *naspal* in 1 seer of water till reduced to 12 chittacks; dye the cloth again in this, and having wrung it, put it in 1 seer of water to which sulphate of iron had been added; mix alum and *kalaf* with the water.
GREY BLUE—Fast color ...	*Lajward*, 2 tolas ... Alum, 1 tola.	Dissolve the *lajward* in 1½ seer of water and dye the cloth; then put one tola alum and the *kalaf*.

Name of color.	Component parts.	How prepared.
LIGHT RED— Fading color...	*Shahab*, 2 chittacks *Dandi har singa*, 1 chittack. Alum, 1 tola.	Boil the *har singa* in 4 chittacks of water and strain; then having put in 1½ seer of water in the *shahab*, dye the cloth in it; then pour the *har singa* water over it, and put in alum and *kalaf*, and dry it.
DELICATE GREEN OR OLIVE— Fading color...	*Dandi har singa*, 2 Tolas. *Lajward*, 6 mashas. Alum, 1 tola.	Boil the *har singa* in 4 chittacks of water; strain and mix it with 1½ seer of water and dye; add 6 mashas *lajward* to it, and dye the cloth again; then put in alum and *kalaf*, and let the cloth dry.
AZURE— Fading color...	*Shahab*, 2 tolas ... *Lajward*, 1 tola. Alum, 1 „	Mix the *shahab* with 2 seers water and dye and wring the cloth; then mix the *lajward* in 1½ seer of water and dye it again, after putting in the alum and *kalaf* in the same water.
PERMANENT YELLOW— Fading color...	Saffron, 2 mashas ... *Lajward*, 3 „ Alum, 1 tola.	Dissolve the saffron in 1 tola of water; then add 2 seers more of water and put in the *lajward* and dye the cloth; afterwards apply *kalaf* and alum.
BROWN GREEN— Fast color ...	Sulphate of iron, 2 tolas. Turmeric, 2 chittacks. *Naspal*, 4 „ Alum, 2 tolas.	Pulverise sulphate of iron, turmeric and alum separately; boil the *naspal* in 1 seer of water till reduced to 12 chittacks; then dye the cloth and wring it. Dissolve the sulphate of iron in 2 seers of water, put in the cloth, and wring and dry it. Mix the turmeric with a seer of water, dye, and wring the cloth and let it dry; then wash it in water, and afterwards apply alum and *kalaf*.
FAWN COLOUR— Fading color...	*Shahab*, 2 tolas ... *Dandi har singa*, 2 tolas. Alum, 1 tola.	Mix the *shahab* in 3 seers of water, and dye and wring the cloth. Boil the *har singa* in 4 chittacks of water, strain and use with the *shahab* water; then dye again in it and put in alum and *kalaf*.
RED— ...	*Shahab*, 4 chittacks *Khattaie*, 2 „ Turmeric, 1 chittack.	First of all dye the cloth in *kasumbha*, after adding *khattaie* put it in turmeric prepared for the purpose.
DARK BROWN ...	*Naspal*, 2 chittacks Turmeric, 2 „ *Garu*, 1 chittack. Alum, 2 chitacks. Color of *kuth*.	First of all dye the cloth in *naspal*, then immerse it in *kuth*, and after drying the cloth, dip it into turmeric and expose to sun; after the cloth has dried, immerse it in *garu* and finally wring the cloth and expose to sun.

Name of color.	Component parts.	How prepared.
YELLOW, VIVID	*Naspal*, 4 chittacks... Alum, 2 tolas.	First boil the *naspal* and dip the cloth into the pot, and then immerse in alum and expose to sun.
BROWN ...	*Shahab*, 1 chittack... *Dandi harsinga* 2 tolas. Alum, 1 tola.	Dye the cloth first of all in *kasumbha* or *shahab*, and when it assumes a light red expose to sun; after the cloth has dried, boil *harsinga* flowers, and immerse the cloth in the color strained through cloth, and after dipping the cloth in alum water spread it out to dry.
YELLOW ...	*Naspal*, 2 chittacks Turmeric, 1 chittack. Alum, 1 „	Dye the cloth first of all in turmeric and spread out to dry; then boil *naspal* and immerse the cloth in it, and while wet, put it into alum water, and spread out to dry.

CLASS LXXVIII.—TOBACCO.

1 bottle containing Peshawar tobacco-snuff, exhibited by Haji Malik Rahman, of Peshwar.. Price Re. 1-4. *Not for sale.*

SECTION G.—MACHINERY AND IMPLEMENTS, &c.

CLASS XCII.—LOCKS, &c.

The lock of the country is a primitive contrivance, partly worked with a screw. Padlocks of European manufacture are in great demand; and dating from the establishment of the railway and canal workshops a great improvement has taken place in the locksmith's carft. Those shown from Jhang, Rupar, Nabha and Patiala are examples of the best work of which the province is capable.

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2 locks, Rs. 80. Exhibited by His Highness the Raja of Nabha. *Not for sale.*

2 brass imitation Chubb's locks with alarm, by Hayat of Jhang. Price Rs. 10 each. *Not for sale.*

3 brass locks from Rupar, Amballa district. Price Rs. 4. *Not for sale.*

1 iron lock, Rs. 3. Exhibited by His Highness the Maharaja of Patiala. *For sale.*

1 brass lock, Rs. 8, ditto, *For sale.*

SECTION I.—AGRICULTURE.

CLASS CXXXVII.—COLLECTION OF AGRICULTURAL PRODUCTS.

The Punjab Committee was informed that it was unnecessary for them to forward any contributions to the raw products section. At a very late date,

however, specimens of ordinary food-grains from the bazars were asked for. The following were forwarded:—

Collection of food-grains, pulses, oil-seeds, &c., from the Lahore bazar. *Not for sale.*

Collection of food-grains, pulses, oil-seeds, &c., from Simla, collected by E. Minikin, Esq., Superintendent of Forests, and Assistant Superintendent of Hill States.

Ditto from the Nabha State, contributed by His Highness the Maharaja of Nabha.

Bára rice from Peshawar, a highly prized variety, with a remarkably elongated grain.

Ditto from Amritsar, presented by Khan Bahadoor Mohammed Shah.

Básmati rice by ditto.

Dried morels, a species of mushrooms presented by Lala Sagar Mal, Honorary Magistrate, Amritsar,

Pangi hops from Chamba State. Exhibited by Major C. H. Marshall, Superintendent, Chamba.

CLASS CXXXIX, AND ALSO SECTION G.

The Municipal Committee of Amritsar, Secretary, E. Nicholl, Esq., exhibits the following models of agricultural and manufacturing implements, not made to scale:—

Persian wheel	model.
Flour mill	,,
Belna sugar mill	,,
Oil mill	,,
Rice-pounder	,,
Plough	,,
Rath or bullock carriage	,,
Bullock cart	,,
Ekka	,,
Beli	,,
Rice-husking machine	,,
Rope-twisting wheel	,,

and a series of models of looms and illustrations of the process of gilt silverwire drawing and flattening. *Not for sale.*

From the Mayo School of Art a *model of a bullock cart* (Jullundar district) ¼ full size, being one of the Lahore Museum's series of quarter scale models of the implements of the province.

SECTION K.—ETHNOLOGY.

CLASS CXLIV.—ETHNOLOGICAL COLLECTION.

Head-dress of an Akali from Amritsar, lent by the Municipal Committee through E. Nicholl, Esq., Secretary, Municipal Committee, Amritsar.

AJMIR.

SECTION F.—RAW PRODUCTS, &c.

CLASS LIII.—MINERALS AND METALLURGIC PRODUCTS.

White marble, Parbatpura. Quarried near Parbatpura, about 5½ miles to the south of Ajmir, by Mayo College division at Ajmir. Can be obtained in all sizes suited to building purposes, at Rs. 2-4 per cubic foot for plain work, and Rs. 3 to 6 for ornamental; 12 annas extra per superficial foot for polish.

White marble; white marble with green streaks, Jamunki Chauki. Quarried near Jamunki Chauki, about 9 miles to the south-west of Ajmir, by Mayo College division, Public Works Department, Ajmir. Can be obtained in all sizes suited to building purposes, at Rs. 2-6 per cubic foot for plain work and Rs. 3-4 to Rs. 6-4 for ornamental; 12 annas per superficial foot extra for polish.

Green marble, Basi; Quarried near Basi, 12 miles to the north of Ajmir, by Mayo College division. Can be obtained in sizes not exceeding four feet in length, at Rs. 3 for plain work and Rs 4 to 8 for ornamental; 12 annas per superficial foot extra for polish.

White marble, Kaimpura; pink marble, Kaimpura. Quarried near Kaimpura, 14 miles to the north-east of Ajmir, by Mayo College division. Can be obtained in all sizes suited to building purposes, at Rs. 3 for plain work and Rs. 4 to 8 for ornamental; 12 annas per superficial foot extra for polish.

Black marble. Quarried near Khajúrki Chauki at the end of the seventh mile of the Ajmir and Nassirabad road, by Mayo College division. Can be obtained in all sizes suited to building purposes at Rs. 2-12 for plain work and Rs. 3-8 to 7 for ornamental; 12 annas per superficial foot extra for polish.

Kali or stone lime, prepared from the white marble of Parbatpura mentioned above.

Kankar lime, prepared from kankar; found within three miles of Ajmir.

Kudi or sulphate of lime, imported from Nagar in Marwar.

Mortar and pestle, manufactured from black marble of Khajur Chauki mentioned above.

Window panels, made of certain mixture of common lime and sulphate of lime by Núr Mahomed and others at Ajmir.

Presented by Mr. Bhagat Singh, Executive Engineer, Mayo College division.

BHARTPUR.

SECTION D.—FURNITURE, &c.

CLASS XXXI.—DECORATIVE WORK, INCLUDING CARVING AND ARTWARE.

Chauri, made of ivory.

Chauri made of sandalwood.

Net-work of stone.

A piece of cloth of chat.
Rutha, made of ivory.

Presented by His Highness the Maharaja Siwai Brijendra Jaswant Singh, Bahadur, Bahadur Jung, G.C.S.I., Maharaja of Bhartpur.

BIKANIR.

SECTION D.—FURNITURE, &c.

CLASS XXIII.—UPHOLSTERY.

Set of bedstead legs, gilt, engraved, lacquered wood

CLASS XXXIV.—ORNAMENTAL WORK IN SILVER, &c.

Silver mug, engraved.
Silver match-box, engraved.
Decanter containing an ivory tree.
Draughts (*nard*).
Glass bottles ornamented with gold and colors.

CLASS XXXVI.—OTHER HOUSEHOLD UTENSILS.

Leathern bottle with a tip (*chagal*).

SECTION E.—OBJECTS OF PERSONAL WEAR OR USE.

CLASS XXXIX.—WOOL FABRICS.

Serge (*loi*).

CLASS L.—JEWELRY.

Silver necklace (*málá*).

CLASS LII.—OBJECTS NOT SPECIFIED.

Ivory bangles, of 5 sorts.
Ivory box for holding antimony.
Ivory box for holding opium.
Leather-belt (*kamarpeti*).

SECTION H.—FOOD PRODUCTS.

CLASS CXII.—SUGAR.

Sugarcandy

Presented by His Highness Maharaja Dungar Singh.

KOTAH.

SECTION D.—FURNITURE, &c.

CLASS XXXI.—CARVING AND ARTWARE.

INDARGARH WORK.

Earthen lacquered *surâhis* (*surdhi*).
Wooden lacquered cups (*piala*).
Wooden lacquered cups of different patterns.

INDARGARH WORK consists of wooden cups and earthenware *surâhis* (water jars) lacquered in various colors. They are manufactured at the small town of Indargarh in the Kotah State. The cups are made of the *khirni* wood, *Mimusops indica*, or *kauki*, which is obtained at Indargarh. The clay of which *surâhis* are made is also found at Indargarh. The cups are made by the "Khati" caste, and the "*surâhis*" by Kumhârs. The lac is first reduced into small thin pieces of about an inch wide and 6 inches long. The cups are revolved in a lathe (*kharâd*), and the pieces of lac applied, which, when thus heated by friction, adhere to the wood. The ornamental work on the cups is then made by means of a small fine chisel. Lac when melted is put upon *surâhis* with a small piece of iron. About 1,000 cups of various patterns and 100 surâhis are turned out every year.

ETAWAH WORK, CONSISTING OF BUFFALO HORN AND WOOD INLAID WITH IVORY AND MOTHER-O'-PEARL.

Wooden box, inlaid (*sanduq*).
Ditto.
Pen box inlaid (*kalamdân*).
Powder horn, inlaid (*singârâ*).
Powder flask, inlaid (*kuppi*).
Round topped comb, inlaid (*gol kangâ*).
Long ditto (*lambâ kangâ*).

ETAWAH WORK.—This manufacture is carried on at the small town of Etawah in the Kotah district. The articles are made of some hard wood such as sissu (*Dalbergia sisu*), or of buffalo-horn, inlaid with ivory and mother-o'-pearl, and are principally used for ornamental purposes. There are only very few persons engaged in the manufacture, who belong to the Khati caste, and the work is turned out very slowly; but it is as a rule carefully and strongly made. The articles are principally sold at Kotah, or on private orders from gentlemen in the province, and there is but little demand for the work.

CLASS XXXII.—HANGINGS, &c.

One embroidered rag (*châdar Shergarh*). Made at Shergarh.

SECTION E.—FABRICS, INCLUDING APPAREL, &c.

CLASS XXXVIII.—KOTAH MUSLINS.

Check muslin (*salaidâr charkhâná*).
Plain check muslin (*sádá charkáhâna*).
Muslin (*adras ká thân*).

Muslin turban (*adras ká págri*).
Striped muslin (*doria ká thán*).
Muslin dupatta (*adras ká dupatta*).
Muslin dupatta with gold laced edges (*Adras ká kámdár dupatta*).
Muslin handkerchief (*dastí rúmál*).
Muslin handkerchief with gold laced edges (*kámdár dastí rúmál*).
Black muslin turban (*kálí chunarí ká pág*).
Red ditto (*surk ditto*).
Muslin turban (*chirá ká pág*).
Muslin female dupatta (*zenana chunri ká dupatta*).

KOTAH MUSLIN.—This manufacture is carried on at the town of Kotah, by 20 families of the Kataiyá (Koli or Hindu weavers) caste, and Juláhás or Muhammadan weavers. The muslin is woven in hand-looms of a good description, and the thread, which is of cotton, is purchased from Bombay and Calcutta, and is imported from Europe. Women and children of the Hindu weavers are commonly employed in wrapping round the thread in the loom, but weaving is as a rule chiefly done by men. About Rs. 25,000 worth of muslin is annually turned out at Kotah, and of the pieces made turbans are in greatest demand. The weavers sell muslin retail at Kotah, to a small extent, but it is mainly sold wholesale to cloth merchants, who export it to Nimach and other places beyond.

BARAN MUSLIN, locally termed "Baran Chunarí," is a pleasing style of work in a variety of colors, executed generally of muslin (imported from Europe) at the town of Baran in the Kotah State. The manufacture is carried on by 108 families of the Khatri caste, and consists of two processes, *viz.*, that of dyeing and tying the cloth into rings and streaks of different colors. When a certain portion of the cloth to be worked upon is wrought into a particular color, it is tied fast with cotton thread so as to keep it from the subsequent colors into which its other portions are steeped. Dyeing, the work of primary importance is solely confined to the male portion of the caste, but the tying of the colored portions, into the several patterns can be done by men.

The above articles have been presented by His Highness the Mohárão of Kotah.

AJMIR.

SECTION G.—MACHINERY, *&c.*

CLASS LXXXVII.—ARMS.

A sword (*talwár*). A sword of steel manufactured at Sirohi, with ornamented hilt, red leather case and silver tip.

A sword with golden handle and tip, *&c.* (*talwár*). A sword with gold hilt and green velvet sheath with gold tip and head-piece.

A sword with golden handle (*talwár*). A sword made of steel with metal hilt, inlaid with gold, in green velvet sheath.

A dagger (iron) with stone handle set in with precious stones (*khangar*). A steel double-edged dagger with stone handle, horse head, inlaid with rubies, tinguors, and crystal, in a green sheath with green tip.

A dagger with silver at bottom and head (*pesh kabz*). A steel dagger with ivory handle in a green velvet sheath, with silver head-piece and tip.

A shield (*dhal*). A composition shield, highly ornamented with four gold stars.

A shield of soons with four gold stars (*dhal soons*). A hide shield with an ornamental facing with imitation emeralds in four golden frames.

A gold decanter weighing Rs. 38 (*gulábdani*).

An embroidered saddle-cloth, valued Rs. 72 (*zinposh*). A richly embroidered saddle-cloth of Delhi manufacture.

Matchlock gun (*banduk*). An Indian matchlock gun with ornamented stock with silver chains and barrel, with accoutrements said to have been manufactured some 300 years ago by the artists of Búndi, with powder flask made of buffalo's horn inlaid with ivory, with another powder flask made of ram's horn with pouch and butt; bag complete and fuse.

Matchlock gun (*banduk*). An Indian matchlock gun with silver pouch and, powder flasks made of shell and ivory, and fuse.

Shield (*dhal*). A crocodile hide shield with six gold facings, presented by the Mughul Emperors to the ancestors of the Raja of Bhimai.

Shield (*dhal*). A shield of *pashmina* composition with metal facings inlaid with gold. Name of artist not known.

Knife (*chhúri*). Curved stone handle knife with deer's head in a maroon-covered satin sheath with head-piece of stone and tip in case complete. It is said to have been presented to the ancestors of the Raja Bahadur of Bhimai by the Mughul Emperors.

Boar tusk (*suar ka dánt*). For descriptive account, *see* case.

Sword (*talwár*). A double-edged State sword, with a metal handle in a mauve velvet case with gold tip and trimmings, presented to Raja Karam Sen, ancestor of the exhibitor, in recognition of conspicuous gallantry in the Deccan war.

Lent by Raja Mangal Singh Rao, Madho Singh and Thakur Umed Singh.

ALWAR.

SECTION G.—MACHINERY, &c.

CLASS LXXXVII.—ARMS.

Steel sword (*shámsher arádam*). Bearing a Shahjahani agate hilt with a golden ring, with an embroidered pendant of velvet, having a scabbard covered with light blue velvet mounted with a long golden ferrule and a golden band with a ring. Made by Muhammad Ibrahim of Alwar. A beautiful sword, having saw like teeth on either side.

Steel sword (*khanda alamani*). Bearing an Alamgiri iron hilt, gilt with gold, with a gold ring, having a scabbard covered with green velvet, mounted with a long golden ferule, and a golden band with a ring of the same metal. Made by Muhammad Ibrahim of Alwar. Has beautiful long water lines.

Steel sword (*shamsher sirohi*). Bearing a kharia iron hilt, inlaid with golden *koft* work, having a scabbard covered with black leather, mounted with a golden ferule; on both sides pictures of wild beasts carved in alto-relief work. Made at Sirohi.

Steel sword (*shamsher sausan patta*), Bearing a steel hilt with golden *kotf* work on the margin of the hilt, and scabbard covered with green velvet, mounted with a silver ferrule, gilt with gold. Made by Haji Nur Muhammad of Alwar. A beautiful sword, having water lines on half of the surface. Named "lily leaf" on account of its shape.

Steel sword (*shamsher zafar takia*). Bearing a Hakim Khani steel hilt, having golden *koft* work on its margin, and a scabbard embroidered with gold leaf-work, mounted with a long steel ferule and band with a steel ring, all having

golden *koft* work on their margins. Made by Haji Nur Muhammad of Alwar. Has long water lines on half of its surface.

Steel sword (*khanda nág phaná*). Bearing a *dakhni* iron hilt, inlaid with golden *koft* work, and a scabbard covered with *kinkhab*, mounted with a golden ferule and band. So called because at its point it resembles the hood of a serpent. Made in the Deccan.

Broad sword (*saif-i-janubi*). Bearing a steel hilt, inlaid with golden *koft* work on its margin, and having its ends studded with precious stones, with a golden ring having an embroidered velvet pendant and a scabbard covered with green embroidered velvet with flowers, embedded with pearls, mounted with a golden ferule and band. Has beautiful water lines. Made in Gujarat.

Broad sword (*saif-i-halbi*). Bearing a *dakhni* steel hilt, inlaid with gold *koft* work on its margin, and having its ends studded with precious stones, with an iron ring inlaid with golden *koft* work, and an embroidered pendant with flowers studded with pearls, and a scabbard covered with red velvet, bearing embroidered work and flowers embedded with pearls, and mounted with a steel ferule, and a band having golden *koft* work on the margins. Made by Haji Nur Mahammad of Alwar. Has beautiful water lines.

Steel dagger (*pesh kabz*). Bearing a handle of rhinoceros horn with a copper ring gilt with gold and a silver scabbard gilt with gold, mounted with a long silver ferule and band bearing enamelled work. The enamelled work on the ferule and band is beautifully done. Made in Persia.

Steel dagger (*khanjar faulád*). Having pearls running inside and a handle of sir fish bone, an iron staple gilt with gold with the scabbard is covered with reddish velvet, mounted with a golden ferule and band. Made by Muhammad Ibrahim of Alwar.

Steel dagger (*khanjar faulád*). Bearing an agate stone handle, on which is beautifully carved the head of a horse, inlaid with jewels, having a scabbard covered with green velvet mounted with a long steel ferule and band, both having golden *koft* work on the margins. Made by Haji Nur Muhammad. A very old weapon.

Steel dagger (*khanjar faulád*). Bearing an agate-stone handle, having gold work and studded with jewels, with a red velvet scabbard. An old weapon. Made at Delhi.

Steel knife (*chhuri derb khami*). Pearls running inside, having a handle of sir fish bone, and a scabbard covered with green velvet and mounted with a long golden ferrule and band with a ring. Made by Muhammad Ibrahim of Alwar. Has beautiful marks upon it.

Poniard (*katár tarphalá*). When pressed it opens into three tongues. Made by Sukhdeo of Alwar.

Poniard (*katár*), Bearing an iron handle with bas-relief gold, *koft* work bearing pictures of Hindu gods and goddesses, and having a scabbard covered with red velvet mounted with a small iron ferule, inlaid with golden *koft* work. Made at Bundi.

A pair of steel gloves (*dastáne fauládi*). With four silver buckles on each and red velvet pads embedded with one thousand gilt nails. Made in Persia.

Single barrel gun (*bandúk naudurgá*). Beautiful iron barrel, having flower-like marks and fir-wood log. Made by Nand Rám of Alwar.

Single barrel gun (*bandúk dáudi*). Beautiful chrysanthenum flower-marks and fir-wood log. Made by Nand Rám of Alwar.

Small gun (*satká*). Beautiful wavering marks on the barrel and fir-wood log. Made by Nand Rám of Alwar.

Small gun (*satká*). Beautiful wavering marks on the barrel and fir-wood log. Made by Nand Rám of Alwar.

A coat of mail (*zira*). Bearing beautiful embroidered work on the collar, studded with jewels and pearls. Made in Persia.

Steel sword (*zira almi shamsher*). Bearing an iron Sháhjaháni hilt, with a ring, both having alto-relief golden *koft* work, and a scabbard covered with green velvet and mounted with a long golden ferule, a broad golden band (*tehnál*),

with a golden ring, all three bearing enamelled work. Made by Muhammed Ibrahim of Alwar. This sword has long and beautiful water lines.

Steel sword (*naudot shamsher*). Bearing a *kharia* iron hilt, having bas-relief golden *koft* work, and a scabbard covered with light blue velvet, mounted with a golden ferule, and a broad golden band with a ring. Made by Muhammad Sádik of Alwar. Has long and beautiful water lines.

Steel sword (*shamsher alaimani*). Bearing a *kharia* iron hilt, having bas-relief golden *koft* work, and a scabbard covered with deep reddish blue velvet, mounted with a golden ferule. Made by Muhammad Ibrahim of Alwar. Has beautiful water lines.

Steel sword (*teghá dalel kháni*). Bearing an *alamgiri* steel hilt, with golden *koft* work, on the margin of the hilt and scabbard covered with rose-colored satin, mounted with a golden ferule, and a golden band with ring of the same metal. Made by Muhammad Ibrahim of Alwar. A beautiful sword with long water lines.

Head ornament (*sir paich*). Embedded with rubies and emerald pendants; beautiful enamel work on the back side. Made by Dayal and Bhairon, goldsmiths. Illustrative of enamel work in Alwar.

Head ornament (*sir paich*). Embedded with emeralds, and with emerald pendants, beautiful enamel work on the back. Made by Dayal and Bhairon, goldsmiths. Illustrative of enamel work in Alwar.

A brazen glass (*gilas biranji*). With beautiful carved work. Made by Panna Lal. Made in Alwar.

A brazen glass (*gilas biranji*). With beautiful carved work. Made by Panna Lal. Made in Alwar.

A brazen case (*dibia biranji*). With beautiful carved work. Made by Panna Lal. Made in Alwar.

An ivory case (*dibia hathi dant ki*). With beautiful carved work. Made by Jhanju Ram. Made in Alwar.

Ivory crane (*sáras hathi dant ká*). With beautiful carved work. Made by Jhanju Ram. Made in Alwar.

Ivory elephant (*háthi*). Containing an ivory elephant painted with different colours on the forehead and back. Made by Jhanju Rám. Made in Alwar.

Antimony case (*surmai dáni*). For keeping eye-powder, beautiful carved work embedded with pearls. Made by Jhanju Rám. Made in Alwar.

An artist working at a fly. An ivory artist working at a fly, and a tiny ivory chain with tiny instruments, which are visible by means of a microscope, together with an ivory stand. Made by Jhanju Rám. Made in Alwar.

A coat of mails (*baktar*). With brass breast-plate and shoulder-plates. Made in Persia.

Bow (*kamán*). Made by Hafizulla. Made in Alwar.

Arrows in a quiver (*dasta-i-tir*). Made by Abdulla. Made in Alwar.

Spear head and stand (golden) (*bhálá*). Embedded with diamonds and precious stones. Made in Delhi.

An iron noose (*nág phánsa*). An iron instrument with a long handle to pull a rider off his horse. Made by Ramzan Bakhsh. Made in Alwar.

Antlered head-piece (silver) (*top*). Bearing several pointed blades and other instruments to attack a man by the head. Made by Chitur, goldsmith. Made in Alwar.

Wooden eagle (*báz*). A large wooden eagle filled with small arms. Made in Delhi.

An ivory glass cover. Has very beautiful trellis work. Made by Jhanju Rám. Made in Alwar.

A small silver case (*chándi ki dibiya*). With beautiful carved work. Made by Panna Lall, goldsmith. Made in Alwar.

An ivory bouquet (*guldasta*). With beautiful cut ivory work. Made in Patíalá.

A pair of bangles (*karai ki jorí*). Made of golden wires embedded with jewels, and pendants set with pearls. Made by Dayal, Sheo Lál, and Bhairon, goldsmiths. Made in Alwar.

pair of gold anklets (*karai ki jorí páon ki*). With Alwar enamel work. Made by Dayal, Sheo Lal and Bhairon, goldsmiths. Made in Alwar.
ry case, cup, and needles in one box (*piala, dibbi,* and *kansarí*). Needles bearing carved pictures of animals. Made by Jhanju Rám; illustrative of the minuteness of ivory work in Alwar.
air of gold anklets (*karai ki jori páon ki*). With Alwar enamel work. Made by Dayal, Sheo Lál, and Bhairon, goldsmiths. Made in Alwar.
old goblet (*piala*). With very beautiful and pure carved work. Made by Panna Lall, goldsmith. Made in Alwar.
ivory dancing girl with musicians (*táifá*). Four musicians and one dancing girl, painted with different colors. Made by Radha Kishan. Made in Alwar.
teel sword (*Shamsher faulád*). Bearing a golden hilt, with a horse's head worked with enamel, and embedded with diamonds and a skin scabbard with gold leaf work, and inlaid with jewels mounted with a golden ferule and two golden bands, all worked with enamel and embedded with diamonds. Made by M. Ibrahim. Made in Alwar.
ilver glass (*gilas*). Gilt with gold. Made by Panna Lal, goldsmith; illustrative of the carving done by Alwar silversmiths. Design purely Indian.
mall silver glass (*gilas*). With beautiful carved work. Made by Panna Lal, goldsmith; illustrative of the carving done by Alwar silversmiths. Design purely Indian.
mall silver case (*dibya*). With beatiful carved work. Made by Panna Lal, goldsmith; illustrative of the carving done by Alwar silversmiths. Design purely Indian.
er-claw jewellery (*sher ki nakhun ki zewar*): (1) a pair of bracelets, (2) a pair of ankets, (3) a head ornament with a string of pearls. Dayal Sheo Lál and Bhairon, goldsmiths. Made in Alwar.
ır silver cups (*pialai*). A sample of Alwar polish. Made by Jhanju Rám. Made in Alwar.
o silver dishes (*tashtari*). A sample of Alwar polish. Made by Jhanju Rám. Made in Alwar.
model of Humayun's tomb. The model is made in scale 6 feet to an inch, and is perfectly faithful. Made by Hulas Rai.

Presented by His Highness the Maharaja of Alwar.

JODHPUR.

SECTION G.—MACHINERY, &c.

CLASS LXXXVII.—ARMS.

tchlock (*toradár*). This weapon formerly belonged to His Highness the Máharaja Mán Singh (1804), and was manufactured in Sind.
tchlock (*toradár*). This weapon formerly belonged to His Highness the Máharaja Mán Singh (1804), and was manufactured in Sind.
tchlock (*toradár*). This weapon formerly belonged to His Highness the late Máharaja Takht Singh, G.C.S.I. (1843), and is of Delhi manufacture.
tchlock (*toradár*). This weapon formerly belonged to His Highness the Máharaja Mán Singh, and is of Sind manufacture.
nt lock (*pathardár*). This weapon formerly belonged to His Highness the late Máharaja Takht Singh, and is of Sind manufacture.
tchlock (*toradár*). Formerly the property of His Highness the late Máharaja Takht Singh, and is of Jodhpur manufacture.

Matchlock (*toradár*). Formerly the property of His Highness the late Máharaja Takht Singh, and is of Jodhpur manufacture.
Blunderbuss (*sherbacha*). Formerly the property of His Highness Takht Singh, said to have been procured from Constantinople.
Blunderbuss (*sherbacha*). Formerly the property of His Highness Mán Singh. Made at Jodhpur.
Matchlock pistol (*tamancha toradár*). Formerly property of His Highness Mán Singh. Made at Nayor in Marwar.
Flint pistol (*tamancha pathardár*). Formerly property of His Highness Mán Singh. Made at Jodhpur.
Flint pistol (*tamancha pathardár*). Formerly property of His Highness Takht Singh; London made.
Walking-stick gun (*banduk lakri-wala*). Formerly property of His Highness Takht Singh. Made at Jodhpur.
Rifle (*donali topidar*). Formerly property of His Highness Takht Singh; London made.
Pair of single barrel rifles (*tora ek-nali topidar*). Formerly property of His Highness Takht Singh; London made.
Breech-loading double elephant rifle. His Highness Máharaja Jeswant Singh, G.C.S.I.; London made.
Steel bow and arrows (*ispát ka kamán aur tir*). Formerly property of His Highness Takht Singh; Jodhpur manufacture.
Steel bow and arrows (*ispát ka kamán aur tir*). Formerly property of His Highness Takht Singh; Jodhpur manufacture.
Straight rapier (*dhup*). Formerly belonged to Máharaja Abbe Singh (1675), and is a very old weapon. It was used by the Máharaja at the Court of Delhi. Made at Jodhpur.
Curved sword and pistol (*kanda, tamancha-wala*). Formerly property of His Highness Takht Singh; Jodhpur made.
Sword (*talwár Mána Sahai*). Of the time of Máharaja Bhim Singh (1794). Made at Jodhpur.
Sword (*talwár*). Made by order of present Máharaja.
Sword (*talwár*). Made by order of present Máharaja.
Sword (*kandá*). Made at Jaipur.
Sword (*katti*). Made at Jodhpur.
Sword (*katti, dodari*). Said to have been made at Constantinople.
Dagger (*pesh-kabz*). Said to have belonged to His Highness Mán Singh.
Dagger and knife (*pesh-churi*). Belonged to His Highness Takht Singh. Made at Jodhpur.
Dagger (*pesh-kabz*). Belonged to His Highness Takht Singh; handle European, blade Jodhpur.
Dagger (*katar*). Belonged to Máharaja Abbe Singh. Nagar made.
Dagger and two pistols (*katar-tamancha-wala*). Belonged to His Highness Takht Singh. Made at Joahpur.
Dagger (*katar*). Made at Biranpur, Hindustan.
Dagger (*iambia*). Jodhpur made.
Mace (*gurz*). An old weapon. Made at Nagar in Máharaja Bhim Singh's time.
Hatchet (*kúnt*). An old weapon of Máharaja Abbe Singh's time. Made at Jodhpur.
Hatchet (*kulhári*). Made at Jálor in His Highness Mán Singh's time.
Battle-axe (*tabal*). Made at Nágar in His Highness Mán Singh's time.
Battle-axe (*tabal*). Made at Jodhpur in His Highness Mán Singh's time.
Battle-axe (*chugga*). An old weapon of His Highness Ram Singh's time. Made at Nagor.
Pair walking sticks with three knives to screw on. Made at Jodhpur in His Highness Mán Singh's time.
Belt with powder horn, knife, flint, and steel, fuze, &c., &c. (*saz*). Made at Jodhpur in His Highness Mán Singh's time.

Belt with powder horn, knife, flint, and steel, fuze, &c., &c. (*saz*). Made at Jodhpur in His Highness Mán Singh's time.
Belt with powder horn, knife, flint, and steel, fuze, &c., &c. (*saz*). Silver mounted. Made at Jodhpur in His Highness Mán Singh's time.
Belt, gold lace, with cartridge boxes. (*saz*). Silver gilt. Made about four years ago.
Powder horn (*singh*). His Highness Mán Singh's time.
Ditto (rizak-dan). Ditto ditto.
Suit of chain-mail, with hemlet and gauntlets (*bakhtar, top, dastána*). His Highness Abbe Singh's time. Made at Nagor.
Suit of armour, plated helmet, and gauntlets (*aina, top, dastána*). Made about eight years ago, according to an old pattern, at Jodhpur.
Pair of lances (*jora barcha*). Old pattern.
Spear (*barchi*). Modern.
Ditto. Ditto.
Javelin (*khánker*). His Highness Mán Singh's time. Made at Nagor.
Shield (*dhal*). Guzerat. Made in His Highness Takaht Singh's time. Of nilgai skin.
Shield (*dhal*). Made in Sylhet last century.
Ditto. Sylhet. Lately made.
Ditto. Steel. Made in the Panjab about four years ago.

Lent by His Highness the Maharaja of Jodhpur, Marwar.

TONK.

SECTION G.—MACHINERY, &c.

CLASS LXXXVII.—ARMS.

Large dagger, small knife attached to sheath (*chhurá*). Very old. Made in Khorasan. Used to be worn by the celebrated Nawab Amir Khan, first Nawab of Tonk.
Sword (*talwár*). Not known. Very old. Termed "Jahazi." Used to be worn by Nawab Amir Khan.
Sword with belt (*talwár ma'e peti*). Bears maker's name, Haji Karim, and that of the Emperor Mohammad Shah engraved on it. Termed "Gadara." Made at Ispahan.
Sword with belt (*talwár ma'e peti*). Not known. Bears the name of God and the Emperor engraved on it. Made at Ispahan.
Sword with belt (*talwár ma'e peti*). Blade bears maker's name "Assadulla the slave of the Emperor Shah Abbas. Made at Ispahan.
Sword (*talwár*). Not known. Very old.
Ditto. Gauri Ram, armourer. Búndí.
Battle-axe (*tabar*). Not known. Iron handle.
Iron mace (*gerz kamrakhi*). Not known. Made at Tonk. New bladed, head.
Dagger (*chhura*). Not known. Very old. Made at Boner. Used by His Highness' ancestors.
Dagger (*katári*). Gauri Ram, armourer, Búndí.
Spear (*barcha, panch phala*). Bihari, armourer, Tonk. With five heads.
Short iron spear (*báná*). Not known. Old. With long blade.
Ditto lance (*báná*). Not known; wooden handle; broad blade.
Iron spear (*sang*). Not known. With silver ornamentation.
Iron javelin (*nachak*). Haji, armourer, Tonk. Pointed at both ends.

Battle-axe (*zagnal*). Not known. Old. Dagger head, iron handle.
Dagger (*bank*). Not known. Ivory hilt.
Shield (*dhal*). Rhinoceros hide; dagger fixed in centre boss.
Shield (*dhal chamre ki*). Chatra. Kundera.
Flint musket (*banduk pathridar*). Not known. Made at Haidarabad, Sind, by order of, and used by, Nawab Amir Khan, who called it "Dalfatkar" from the execution it caused.
Flint carbine (*karabin*). W. H. Mortimer, gun-maker to His Majesty. Also a historical weapon. Was presented by Hindu Rao Sindhia to Nawab Amir Khan, by whom it was often carried.
Matchlock (*toradar banduk*). Not known. Made at Búndi. Has two chambers to the one barrel, and fires two bullets, one after the other.
Matchlock (*toradar banduk*). Bhawana, armourer, Búndi.
Broad sword (*khanda*). Not known. Double-edged; ornamented.
Sword (*katti*). Stright blade; ornamented hilt; edge like a saw; and engraved. Made at Delhi, and with head formed of two points, and a pistol which goes off on concussion.
Sword (*talwar, Zu-l-fikarnama*). Blade with indented hilt, made at Dattia; both 125 years old.
Spear (*barcha ma'e pistaul*). With head formed of two points and a pistol, which goes off on concussion.
Spear (*barcha ma'e pistaul*).
Perfume-holder and pán box (*itr* and *pán-dan*). Baldia, goldsmith of Chapra, Tonk; silver, with 7 upper and 6 lower "*atr*" receptacles and six *pán*-holders.
Turban (*pagri*). Fatah, weaver of Búndi. Made of fine English thread.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASS XII.—PRINTING, &c.

Illumination, Persian text character.
Illumination, Persian stanza, Arabic character. Maulvi Abdul Karim of Tonk. Composed by the late Nawab-ul-daula of Tonk in honour of Her Most Gracious Majesty the Queen.
Diwán Maulaná Jámi. Author Abdu-r-Rahman Jami (written 427 years ago). Love tales. Copied by Sultan Ali of Herat in A. H. 873.
Diwán-i-Sháhi. Copied in A. H. 937 (363 years ago) by one Mir Ali of Iran. Poem.
Futuhu-l-haramin. Author Abdu r-Rahman Jami. Copied by Muhammad Zahid by order of Muhammad Tahir Khan Bahadur of Ispahan, A. H. 955 (345 years ago); sold first for 5,000, second for 1,100, and again 1,700 coins.
Hadik-i-Hakim Sanai. Copied in A. H. 1064, 236 years ago, by Ghulam Kanbar. A religious work.
Maila Majnun. Author Kartibi. Copied in A. H. 1066 (234 years ago) by Muhammed Masih of Shiraz. Love tales.
Al Kurn. Said to have been written by the Emperor Aurangzeb (Alamgir) with his own hand.
Fatima Alamgiri. A work prepared by order of the Emperor Aurangzeb (Alamgir). This copy was written in A. H, 1145 (155 years ago) by Haji Abdul Wahid.

CLASS XIV.—MUSICAL INSTRUMENTS.

Guitar (*zitar*).

SECTION F.—RAW PRODUCTS.

CLASS III.—MINERALS.

Mica, crystal and other mineral specimens (Abrak. Bellaur). Found in the Tonk district of the Tonk State; 15 pieces of mica, 7 pieces of crystal, 1 piece iron stone, one copper stone, and one flock stone.

Lent by His Highness the Nawab of Tonk, His Highness the Maharaja of Búndí and Sahibzada Muhammed Ubedulla Khan, C.S.I., Minister of the Tonk State.

JHALAWAR.

Silver betel-leaf holder with tray.

Lent by Pandit Rám Charan, Deputy Collector.

DHOLPUR.

SECTION G.—MACHINERY, &c.

CLASS LXXXVII.—ARMS.

Broad curved sword (*tega auzdang*).
Double sword (one sword inside) (*doheri talwár*).
Strait long sword (*lambi saif*).
Ditto, ditto of Concan (*saif*).
Sword with toothed, divided points (*kattá laher daríya*).
Toothed sword, with divided points (*khánda sakela laher daríyá*).
Curved sword with engraved blade (*uná shikárgah talwar*).
Long sword with hand guard (*patá pa-ta káli*).
Guzerat sword, with bent, broad point (*sosan patá Guzeráti*).
Small sword, with curved point (*bhújáli*).
Short dagger (*katár, panch bhoglá*).
Heavy steel dagger (*katár, auzdang*).
Triple knife (three knives, one inside the other) (*chhúri, tehari*).
Knife, with ram's head fashioned haft (*chhúri, medá ki dast*).
Steel shield, damascened in gold (*dhálll foládi*).
Steel battle-axe, curved (*farsá, barú*).
Battle axe, with bayonet inside (*kúlhári*).
Ditto, with pistol (*tamanchá, sháhi farsá*).
Light battle-axe (*farsá*).
Pole-axe, head damascened in gold (*kúlang, barú*).
Ditto, ditto smaller (ditto, *chhota*).
Ditto, ditto ditto (ditto, ditto).
Double bayonet, with knuckle striker (*marú*).
Battle mace (*ghúnsá*).
Gun, damascened in gold (*banduk, sonehri magar múkh dauháyi*).
Long barrelled gun (*bandúk, lambi*).
Ditto, smaller (ditto, *chhoti*).
Heavy blunderbuss (*janjál*).
Small four barrelled revolving gun (*bandúk, chaunáli*).
Three-barrelled gun (ditto, *tináli*).
Double gun (ditto, *donáli*).
Hindu lady's gauze veil, embroidered with solid laminated gold (*dúpattá zanana*).

AJMIR.

ORNAMENTS AND JEWELRY.

Jewelry is as much worn by men as by women. It is of the same general style as that of Delhi and Lahore, but there are certain ornaments peculiar to Rajputana, notably the *timmya* and *jhela*. The variety of names does not require to be minutely described. The charge for making ornaments of gold does not exceed 8 annas per tola, while that of silver ranges from 1 anna to 4 annas per tola, according to the quality of workmanship.

		Rs.	A.	P.
Ornament worn round ankles (*jhanjan*)	for sale at	18	8	9
Bracelet (*kankni*)		23	1	6
Hanging for armlet (*sur*)		17	7	6
Ornament worn round ankles (*sanklas*)		34	3	6
Necklace (*hansli*)		20	9	6
One bracelet (*poinchi*)		9	11	6
Ditto (ditto)		6	9	9
Five flowers of silver (*phul*)		10	6	9
Dish (*tasht*)		15	14	6
Do. (do.)		29	11	6
Chained ornament worn round ankles (*pair sant jora*)		27	1	9
Necklace (*tora*)		51	7	6
Armlet (*bajuband*)		23	3	9
One pair of ornaments worn round ankles (*jori sankla*)		18	14	0
Ditto ditto ditto (do. *karla*)		63	12	6
A fringe hanging over the forehead on each side of the face (*jhela*)		12	14	0
Bracelet (*gujri*)		16	15	6
Tip (*tehnal monal*)		21	7	0
Jewel worn on the forehead (*bindi*)		6	9	9
Earring (*jhumras*)		4	15	9
Ditto (ditto)		5	7	3
Bracelet (*karas*)		10	12	9
Armlet (*chot*)		1	13	6
Necklace (*heli*)		10	13	6
Ornament worn round the neck (*jhalra tawiz*)		5	0	0
Necklace (*hansli*)		12	0	0
Earring (*jhutna*)		3	12	0
Ditto (*jhumras*)		3	4	0
Box small (*dibiya*)		18	0	0
Betel-leaf case (*pandan*)		44	0	0
Bedstead (*palang*)		17	0	0
Stand for holding otto (*itrdan*)		28	8	0
Box (large) (*dibia*)		65	0	0
Pair of bracelets (*jori poinchi*)		17	10	0

GOLD.

Necklace (*timmya*)	for sale at	735	0	0
Chain of gold (*lar doraki*)		170	4	0
1 Pair of bracelets (*jori poinchi*)		242	8	0

			Rs.	A.	P.
Pair of earrings (*jori jhela*)	...	... for sale at	277	0	0
Bracelet (*jori kara*)	...	... ...	89	0	0
2 Bangles (*churi*)	...	... ...	105	0	0
Jewelled ornament worn on forehead by females (*arh*)		...	105	0	0

Name of artists—Narsingh Das and Ram Rutton.

CALICO CLOTH (COTTON MANUFACTURES).

			Rs.	A.	P.
Covering for females (*orhni*)	...	... for sale at	3	8	0
Handkerchief (*rumal*)	... ...	... ...	1	10	6

Name of artist—Nizamuddin,

PRINTED CLOTH (COTTON MANUFACTURES).

The coarse cloth called *tuku* is largely used for the purpose of printing. The cotton prints of Ajmir are not inferior to that of Jaipur both in print and brilliance of dyes. The favourite color is dark red, the main ingredients used being *al*, the root of the *Morinda citrifolia*, and manjit (*Rubia cordifolia*). The color is obtained by dipping the cloth in boiling solutions of the dyes. Varieties of colors are also obtained by the combined use of indigo and turmeric. Generally speaking the color is permanent. Calico printing is done without dipping the cloth in any coloring solution. The cloth is damped and stretched out; the wooden blocks on which the floral patterns project in strong relief are charged with color and then pressed down on the cloth. The bed covers and printed floor-cloths of Nayanagar are the best in the district.

		Rs.	A.	P.		Rs.	A.	P.
Coverings (female) (*orhni*)	for sale at	Re. 1	6	0	to	0	12	3
Pieces of chintz (*than chhint*)	...	„ 1	4	0	to	2	6	0
Small piece of cloth (*parcha kapra*)		...			...	0	2	9
Thin coverings for males (*dopatta*)	...	...			...	0	13	0
Ditto ditto (*angochha*)		Re. 1	4	0	and	1	1	6
Piece of coarse red cloth (*than chol*)		...			...	2	5	6

Name of artists—Chand Mall, Radha Kissen, Nathooram and Ram Pal.

		Rs.	A.	P.
Covering worn from waist to ankles (*dhoti*)	... for sale at	1	15	0

Name of artist—Jamal Kamal.

DYER'S CLOTH (COTTON MANUFACTURES).

The process of manufacture is the same as it is elsewhere: the hand-looms are of the simplest and rudest construction. All native cotton fabrics are made in one or other of three styles—

First.—Plain cloth woven with a single thread.

Second.—Cloths with a longitudinal stripe.

Third.—Cloths with diagonal patterns.

The native fabrics are not so conspicuous for regularity of workmanship or softness or fineness of texture as they are for durability.

The varieties of the cloth are very limited, being only 7 in number:—

First—Pagris (turbans). These are generally softer and lighter in texture than other native cloths, the ordinary dimensions being 13 yards long by 10 inches

wide; those made from native thread are used by the rural population selling at the rate of 8 annas a piece. Pagris made from European thread are fine specimens of native muslins with beautiful borders in which gold thread is often tastefully introduced. The ordinary rate is Re. 1-8 per piece, but the price varies according to the quantity of gold thread used in the make. The trade in pagris is rapidly increasing.

Second—Tukri or reza.—These are stiff white cloths made from native thread resembling the *garah* of the Punjab. It is largely used for garments by the rural population, who prefer it solely by reason of its cheapness and durability. The ordinary rate is an anna per yard. It is also extensively used for calico-printing, bed-covers and printed floor-cloth called *jajim.*

Third—Saftah.—This is a kind of coarse muslin of narrow white width usually made from European thread or a combination of European and native thread woven together. It is used for scarfs. The ordinary rate is Re. 1-4 for a piece of 20 yards. The machine-made muslins of Manchester and Bombay have entirely superseded the manufacture of saftah cloth, which in these days is seldom made or sold in this district.

Fourth—Khes.—This fabric is remarkable chiefly as exhibiting a different kind of weaving in Ajmir. The pattern is generally plain: the thread of the weft is so interlined alternately with those of the warp that the make of the fabric appears to be diagonal. It is made by certain cooly weavers from Bhartpur or other places and is chiefly used for upper wrappers (*chadars*), but being made of coarse native thread is far inferior to the Punjab *khes.* The price per piece is Re. 1-4.

Fifth—Dhutis.—This fabric is only a variety of Tukri cloth. The dhuti is a skirt worn round the waist by Hindus. Dhutis are seldom made in Ajmir, as there is scarcely any demand, the people preferring the produce of the Bombay Cotton Mills.

Sixth—Susi.—This is a narrow cotton fabric used only by Muhammadan women for making trousers; it is distinguished by having stripes lengthwise down the piece of a different color from the groundwork. The patterns most common are dark blue with white stripes or blue and red stripe. The fabric is plain woven. The price is Re. 1-4 for a piece of 10 yards.

Seventh—Charkhana.—This is also a kind of check *susi,* the varieties being black and white check or red and blue. It is superior in make to the ordinary susi, the rate being Rs. 2 per piece of 10 yards.

			Rs.	A.	P.		Rs.	A.	P.
Coverings (females) (*orhni*)	...	... for sale at	Rs. 5	12	to	8	6	0
Coloured cloth (*parcha rangni*)	...	... ...	.....			3	7	0
Ditto ditto	...	... ...	.....			3	7	0
Turbans of variegated colors (*lahruya pagri*)		...	Rs. 5	7	to	15	8	0

WEAVER'S CLOTH (COTTON MANUFACTURES.)

			Rs.	A.	P.		Rs.	A.	P.
Piece of coarse cloth known by various names	...	... for sale at	1	11	6				
Piece of coarse cloth known by varions names	...	... ...	1	11	6				
Piece of coarse cloth known by various names	...	... ...	1	4	0				
Piece of coarse cloth known by various names	...	... ...	2	0	0				
Piece of coarse cloth known by various names	...	... ...	0	14	6				
Piece of coarse cloth known by various names	...	... ...	1	6	0				
Covering made of coarse cloth (*khes*)	...	... ...	1	1	6				
Turbans (*pagri*)	... ...	...	Rs. 0	3	3	to	0	12	0

Names of makers—Karim Baksh, Haji, Husin and Abdur Rahman.

2 cotton carpets 9′×6,′ Rs. 19 each.

Sent by Superintendent, Ajmir Jail.

WOOLLEN CLOTH.

The wool in this district is coarser than the Panjab wool. The blankets are woven by the Balai weavers, who are met with in almost every village.

			Rs.	A.	P.
Woollen carpets (*namda*)	for sale at	Rs. 1 6 to	3	8	0
Covering for shelter from rain (*ghugi*)	...	„ 0 11 to	2	12	0
Covering (*khesla*)	...	...	0	14	6
Blankets (*kammal*)	...	„ 1 6 and	1	3	0
Small woolen carpets for praying on (*asan*)	...	„ 5 6 to	1	1	6
Red blankets (*surkh kammal*)	...	„ 3 8 to	4	12	0

Names of makers—Nursing Dass and Kadar Mall.

EMBROIDERY.

In the town of Ajmir there is only one establishment (that of Malu Bakhsh) giving employment to about 15 individuals where this work is carried on. Embroidery is principally used in articles of dress and in edging to garments.

			Rs.	A.	P.
Coat	for sale at	... ...	82	8	0
Saddle cloth (*zinposh*)	...	... ...	49	8	0
Hangings for armlets (*luma*)	...	Rs. 2 4 to	5	8	0
2 Ditto (*sur*)	...	... ...	11	0	0

IVORY MANUFACTURE.

Ivory bangles, &c., are made by turners of Ajmir. Mahammad Sayyid is the artist from whom these exhibits have been purchased.

			Rs.	A.	P.
Bangles (*chura*)	for sale at	Re. 1-6 to	23	0	0
Ivory bottle for sprinkling rose-water (*gulabdani*)	...	...	1	15	0
Rod for khas fan (*dandida khaska*)	...	...	4	13	0
Bangles of cocoanut rind (*chura nariel*)		annas 7 and	1	2	0

Name of artist—Nasiruddin.

LACQUERED WARE.

			Rs.	A.	P.
Bangles (*churi'a*)	for sale at	annas 4 to	1	6	0

Name of artist—Husain Bakhsh.

WOOD MANUFACTURES.

The turners of Ajmir are chiefly employed in making rosaries, combs, &c., of sandal wood, which are purchased in large quantities by the pilgrims who resort to the Durgah of Khwaja Sahib.

			Rs.	A.	P.
Snuff-box (*nasdan*)	for sale at	annas 10 and	0	5	0
Cups (*piala*)			0	14	0
Combs (for men) (*kangai sandal*) ...	...	...	0	1	9
Do. (for women) (ditto) ...	...	...	0	1	3
Rosary with beads (*tasbi sandal*) ...	...	...	0	3	3
Boxes for holding collyrium (*surmadani sandal*)		...	0	1	9

Name of artist—Muhammad Sayyid.

METALWARE AND MANUFACTURES OF METAL.

		Rs.	A.	P.
Plate, wide round dish (*thali*)	for sale at	0	13	0
Saucer (*katora*)	... ...	0	3	6
Small cup (*bhaguni*)	... ...	0	4	3
Brass box (*katordan*)	... ...	1	5	6
A small box (*dibiya*)	... ...	1	10	9
Box for holding betel leaves (*pandan*) ...	... ...	1	15	9
Ditto ditto (*katordan*) ...	... ...	0	12	0
A large cup (*lota*)	... ...	0	15	0
Bath-room utensil (*pala*)	... ...	0	5	6
Large saucer (*katora*)	... ...	0	13	9
Sieve (*chalni*)	... ...	0	10	6
Large sieve (*chalna*)	... ...	1	4	3
Pestle and mortar (*hammamdastak*) ...	... ...	4	1	6
Dish (*dukariya*)	... ...	1	4	6
Bath-room utensil (*pala*)	... ...	0	10	6
Spoon (*karcha*)	... ...	0	5	6
Pot (*chari*)	... ...	1	14	3
Bread basket (*kundi*)	... ...	1	13	0
Pot (*lota*)	... ...	1	1	6
Cup (*guddi*)	... ...	0	10	3
Ditto (ditto)	... ...	0	10	3
Jug (*ranjhara*)	... ...	1	1	3
Wash-hand basin (*chlamchi*)	... ...	1	2	6
Spittoon (*pikdan*)	... ...	0	12	3
Cooking pot (*dekchi*)	... ...	0	9	6
Ditto (*bhartiya*)	... ...	1	5	0
A salver (*thali*)	... ...	1	[illegible]	0
Cup (*katori*)	... ...	0	5	6
Candlesticks (*phatil soz*)	... ...	2	14	0
Anklets (*newri*)	... ...	6	4	0
Oval candlestick (*lotan chirag*)	... ...	4	8	0

Name of artist—Kestur Chand.

LEATHER WORK.

The Khataks or tanners of Ajmir were not many years ago unable to tan leather free from smell. The facilities afforded by railway communication have brought in tanners of a more advanced type from the North-West, and leather now prepared is as good as other ordinary country leather. Being merely agricultural districts, Ajmir and Marwara cannot boast any varieties of leather manufactures beyond the few things required to satisfy the immediate wants of the rural population, *viz.*, *chams* (leather buckets for raising water from wells), shoes, and leather trunks (*jamdans*). Workers in leather are met with in almost every village, but belong to a class of people who will not make the slightest alteration or improvement in the designs bequeathed to them by their ancestors. This is not, however, true of Ajmir city.

		Rs.	A.	P.
Shoes for women (*juta, zanana*)	... for sale at	1	4	0
Ditto men (do. *mardana*)	... ...	1	6	0
Case or box or trunk (*jamdani*)	... ...	1	15	0
Large or small leather vessels for holding oil and clarified butter (*kuppa*)	Re. 0-5-0 to	2	1	0

Name of artist—Pohkar Mochi.

			Rs.	A.	P.
One *dari*, 9 feet by 6 feet.	Ajmere jail ...	... for sale at	19	0	0
Ditto.	Ditto ...	... ...	19	0	0

ALWAR.

	Rs.	A.
Cushions (*gaddi*). Black satin, with silk embroidery. Made by Baland Bakhsh ... ... for sale at Rs. 5-0-0 to	10	0
Teapots cover (*chahdani ka sarposh*). Black satin, with silk embroidery. Made by Baland Bakhsh ... ... Rs. 5-0-0 to	7	0
Pairs of brackets. Black satin, with silk embrodiery. Made by Baland Bakhsh	5	0
Three pairs of pins (*alpin*). Black satin, with silk embroidery. Made by Baland Bakhsh	3	0
Fancy border for a round table, 3 yards (*bel, reshmi*). Black satin, with silk embroidery. Made by Baland Bakhsh	8	0
Needle-work, border 3 $\frac{5}{16}$ yards (*kashida bel*). Baberlate with silk needle work. Made by Baland Bakhsh	3	0
A piece of needle-work cloth to be placed under a bottle (*zerandaz*). Black satin, with silk embroidery. Made by Baland Bakhsh ...	1	0
Belt (*paiti*). Black satin, with silk and gold embroidery work. Made by Baland Bakhsh	4	0
A brazen kali with *chilam* and its cover (*kali, chilam, and sarposh*). *kali* and *chilam* of brass, and cover of copper. Made by Bhagirath	10	0
A brazen *kali* with *chilam* and its cover (*kali, chilam, and sarposh*). *Kali* and *chilam* of brass, and cover of copper. Made by Bhagirath	10	0
Ivory fan (*pankha*). Made of ivory. Made by Kishan Lal ...	40	0
Sandal-wood fan (*pankha*). Of sandal-wood. Made by Kishan Lal...	15	0
Album (a specimen of Alwar book-binding)	200	0
Woollen carpet (*galicha*). Persian pattern of very old date. Size 27 feet 3 inches by 10 feet 10 inches. Made in the Alwar Jail ...	459	4
Woollen carpet (*galicha*). Size 6 feet 8 inches by 4 feet 6 inches. Made in the Alwar Jail	46	11
Cotton carpets (*darri*). Flowered pattern. Size 7 feet 2 inches by 4 feet 5 inches. Made in the Alwar Jail	10	8
Cotton fabric (*kapra*). Checked cotton piece, measuring 7 yards 6 inches, width about 2 feet 11 inches. Made in Alwar Jail ...	4	7
Cotton fabric (*kapra*). Checked cotton piece, measuring 11 yards 2 feet, width about 2 feet 11 inches. Made in Alwar Jail ...	7	4
A steel sword (*kirch*). Bearing an ivory hilt, and a scabbard covered with green velvet, and mounted with a silver ferule and two silver bands and rings. Made by M. Ibrahim of Alwar. Has beautiful water lines in its surface	600	0
Silver sugar basins (*misri-dan*). Carved work; inside gilt with gold. Made by Panna Lall, goldsmith of Alwar Rs. 75-0-0 and	100	0
Silver jug (*dudh-dan*). Carved work. Made by Panna Lal, of Alwar	55	0
Five silver brooches, gilt with gold. Carved work. Made by Panna Lal, of Alwar	20	0
Silver plate (*tashtari*). Carved work. Made by Panna Lal, of Alwar	30	0
Silver cigarette case (*churat-dan*). Carved work. Made by Panna Lal, of Alwar	20	0

JODHPUR.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING HOUSES, &c.

CLASS XXVI.—METALWARE, HARDWARE.

	Rs.	A	P.
Brass tripod (*tiunchi*) ... ... for sale at	1	2	0
Ditto drinking vessel (*chambu*)	1	2	0
Ditto cruet stand (*chámak*)	2	10	0
Ditto colour-holder (*chopra*). Used at marriages and on festive occasions	1	2	0
Brass tripod inkstand and pen-holder (*dawat*)	2	2	0
Ditto wine flask (*gotka*)	3	0	0
Ditto ditto ditto	1	10	0
Ditto syringe (*pitcharka*). Little used except during the holi festival	2	2	0
Brass syringe (*pitcharka*). Little used except during the holi festival	3	10	0
Brass box (*kotardan*)	2	8	0
Brass jewel scales (*kanti*)	1	8	6
Brass lamp (*diwar*)	3	10	0

CLASS XXXII.—CARPETS, HANGINGS, &C.

Hindu prayer-mat (*asan*) ... ... for sale at	0	14	0
Woolen rug (*darri*)	3	0	0
Camel's hair and cotton rug (*ganda*)	4	0	0
Ditto ditto	3	8	0
Floor cloth (*jazim*)	2	0	0
Two saving covers and pillow (*bugcha*). These covers are used for tying up clothes to preserve them from dust.	2	0	0
Counterpane (*palangposh*). This article has been sent as a specimen of stamping by Marwar "Chipas"	2	12	0
Counterpane (*palangposh*)	2	12	0
Ditto ditto.	2	4	0

CLASS XXXIII.—CARVED STONE.

Bevelled tumbler (*glass*). Made from stone quarried at Malurana in Marwar ... ... for sale at	1	14	0
Jar (*glass*)	1	6	0
Pair mugs (*glass*)	4	8	0
Pair jars (*handi*)	6	10	0
Pen and inkstand (*kalam dan*)	6	4	0
Bevelled jar (*kalsia*)	2	10	0
Plain ditto	1	9	0
Boxes (*dabi*) ... ...Rs. 3-2 and	2	6	0
Box (*pan-dan*)	6	4	0
Floating duck (*battak*). Hollow inside, floats on water	13	0	
Ditto ditto	0	13	0
Vases (*jarjari*) ... ...Rs. 3-4 and	7	8	0
Pair covered bowls (*piala*)	4	4	0
Pair hukka jars (*gurguri*)	6	8	0
One oval jar (*hukka naleri*)	1	10	0

	Rs.	A.	P.
One bell-shaped hukka jar (*hukka parsidar*)	4	3	0
Wine flask (*gotaka*) ... ... for sale at	2	2	0
Wine and water flask (*gotka doparda*). With two separate compartments for holding wine and water	4	2	0
Saucer (*tasli*)	0	14	0
Pair salvers (*thal*)	9	0	0
Pair plates (*dastari*)	6	8	0
Fish (*machi*). Floats in water	0	10	0
Bowls (*piala*) ... ...Re. 0-7-0 to	1	2	6

CLASS XXXV.—TOYS.

Brass bullock cart (*ruth*) ... ... for sale at	5	0	0
Earthen (24) *merta* toys (*mertá-ka-khilona*). The art of coloring these toys is said to have been brought from China	10	0	0
Ivory chessmen (*satranj ramekra*)	40	0	0
Eleven chessmen toys (*ramkera*)	5	4	0
Three dice (*pasha*)	3	0	0
Native game with 16 ivory counters (*chosar-ki-sari*)	6	6	0
Ditto in bead work ditto	5	4	0

CLASS XXXVI.—OTHER HOUSEHOLD UTENSILS AND APPLIANCES.

Chain bed slings (*palang ki-sankal*). These chains are used by natives to sling bedsteads from rings in ceilings, constructed to hold light upright in any position ... ... for sale at	22	0	0
Rolling lamp (*lotan dia*)	1	8	0
Fire pan with fire irons (*sigari*)	17	0	0
Stand for straining opium (*tumchi*)	1	12	0

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, &c.

CLASS XXXVIII.—COTTON FABRICS.

Shawl (*pomcha moti*) ... ... for sale at	3	12	0
Ditto (*orni chunri ek-dana-ki*)	5	4	0
Ditto (*pomcha chat-bandi*)	4	14	0
Ditto (*orni dabidar*)	2	10	0
Ditto (*ditto pickrangi*)	2	10	0
Ditto (*pomcha pila*)	2	6	0
Ditto (*orni*) ... ... Re. 1-3 to	1	14	0
Turban (*pecha dabidar pichranga*)	6	0	0
Ditto ditto (*kasumal bandhun*)	6	4	0
Ditto ditto (*shah bandhun*)	5	8	0
Waist cloths (*dhoti*) ... ... Re. 1 to	1	12	0
Duster (*rumal*)	0	4	0
Towel (*angochha*)	0	6	0
One dozen napkins (*rumal*)	2	6	0

CLASS XXXIX.—WOOL FABRICS.

Wet-weather cloak (*gugi*) ... ... for sale at	6	0	0
Ditto (*chakma*)	1	10	0
Woollen blanket (*kammal*)	6	8	0

	Rs.	A.	P.
Woollen blanket, red (*kesla*)	3	0	0
Light red (*lovri*). Used after bathing	2	12	0
Saddle cloths (*namda*) ... ... As. 8 and	2	8	0

CLASS L.—JEWELRY.

Anklets, silver (*tora*) ... ... for sale at	50	0	0
Ditto (*sankla*)	29	0	0
Ditto ditto	29	0	0
Armlet silver (*bazuband*)	21	0	0
Watch chain, gold (*sankli*)	184	0	0
Necklace, gold (*kanti*)	46	0	0
Snuff-box, silver (*dabi*)	9	0	0

CLASS LII.—OBJECTS NOT SPECIFIED.

Head ornament (*saili*) (*phulmala*). Tied round the turban for sale at	3	14	0
Ditto do. (*pawitra*) ditto ditto	3	14	0
Ditto do. (*dora*) ditto ditto	3	2	0
Ditto do. (*thekrawah*) ditto ditto	2	2	0
Ditto do. (*sar*)	2	2	0
Turban plume (*turra*). Seldom used, except at marriage festivals ...	5	14	0
Turban pendant (*kalangi*)	6	10	0
Bead work vase (*surahi*)	1	2	0
Gilded bottle (*botál*)	5	4	0
Silver casket (*pán-dán*)	12	8	0
Do. wine holder (*chushki*)	16	8	0
Do. drinking goblet (*kalsia*)	26	8	0
Do. hookha (*hukka*)	195	0	0
Ivory mounted walking sticks (*chhari*) ... ... As. 8 and	1	8	0
Ivory handled fan (*pankha*) ... ...Rs. 6-8 and	15	0	0
Pair razors (*páchna*)	0	4	0
Skin scraper (*jhaura*)	0	6	0
Needles No. 150 (*sui*)	0	4	0
Camel's hair and cotton coating, No. 2 (*phakla*)	8	0	0
Two pairs scissors (*katarni*)	0	8	0
One pair scissors combining knife and forceps (*katarni*)	0	10	0
Two pairs forceps (*kalli*)	0	4	0

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

CLASS LVII.—SOAP.

Soap (*sábu*) ... ... for sale at	1	2	0

CLASS LIX.—MANUFACTURES OF LEATHER.

Leather boxes (*jám dáni*) ... ...for sale at Re. 1-8 and	1	15	0
Bags (*thai*)	1	3	0
Silver mouthpiece water bag (*chágal*)	12	0	0

		Rs.	A.	P.
Hunting belts (*banduk-ka-sáj*)	Rs. 2 and	3	0	0
Horse accoutrements (*ghore-ka-saj*)	Rs. 4 and	9	0	0
Racing saddle (*zin*)				
Racing bridle (*sir-diwal lagám*)		17	0	0
Camel saddle (*pilán*)		25	0	0

CLASS LXI.—COTTON MANUFACTURES.

Cloth (*tukri*)	for sale at	1	14	0
Coarse sheeting (*reza khamti*)		3	2	0
Ditto (*kesla sutru*)		1	8	0
Drills (*jin*)		0	6	0
Drill (*jin, asmani*)		0	6	0
Do. (*kathai*)		0	6	0
Do. (*pili*)		0	4	0
Cloth (*doranga, lál sufed*)		0	6	0
Do. (*ditto káli do.*)		0	6	0
Do. (*ditto káli pili*)		0	6	0
Drill (*jin, sufed*)		0	4	0
Duster (*rumal lal korka*)		0	3	0
Cloth (*tukri*)		1	12	0

CLASS LXIX.—IVORY.

Three ivory combs (*kángsia*)	for sale at	4	0	0
Ditto (*kángsi*)		2	2	0
Ivory pair powder holder (*surma-dani*)		2	0	0
Ditto pair opium holders (*tassaria*)		1	14	0
Ditto powder holders (*karela*)		0	14	0
Ditto pair ditto (*leswa*)		0	8	0
Ditto three ditto (*kumpla*)		1	4	0
Ditto one ditto (*dúgra*)		0	6	0
Ditto imitation garden (*phulbari*)		50	0	0
Ditto flowers (*phul*)		1	4	0
Ditto tree (*jhar*)		1	8	0
Ditto rose (*gulab*)		2	2	0

CLASS LXXXI.—OTHER MANUFACTURES.

Pair pliers (*siráni*)	for sale at	0	12	0
Ditto (*pinchas*)		0	10	0
Wire for native guitar (*sitár-ká-tár*)		5	4	0
Wire stretcher (*janti*)		0	14	0

SECTION G.—APPLIANCES.

CLASS XCII.—LOCKS.

Ten locks (*tala*)	for sale at.	10	0	0
One lock, 3 keys (*tala*)		5	0	0

TONK.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING HOUSES AND OTHER BUILDINGS.

		Rs.	A.	P.
Silver fish collyrium and itr-holder (machhli-itrdan) ...	for sale at	32	0	0
Ditto ditto ditto		20	0	0
Pan-box with plate (pán-ki-dibia *aur* tashtari)		72	15	0
Rose-water sprinkler (golab pash)		45	15	4
Perfume-holder (kairi itrdan), in the shape of a mango		7	0	0
Buckle (peti-ke-purze)		33	13	6
Lota (*lota*), a composition of iron, lead, brass, &c.		2	0	0
Sword hilt (*qabza tilakar*)		37	0	0
Ditto (*ditto nukrai*)		5	0	0
Shields (*dhal mina-ka*), price of each shield Rs. 25, cost of each boss and grip Rs. 13-8, total		38	8	0
Teapoy (*tipai minákár*) made of marble		59	0	0

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

Turban, gold edge borders ...	for sale at Rs. 14-5-2 and	46	13	6
Ditto, dark blue, gold edge		8	5	0
Ditto, ash coloured, gold edge		8	5	9
Turban, *tasar*, gold edge		9	5	6
Fan		15	8	0
Back-scratcher		1	4	0
Saddle covers (*zin-posh*)		27	12	0
Native saddles and saddle-cloths (*zin aur kajli*) ...	Rs. 37 and	600	0	0
Rugs or table-covers (felt) (*mez-posh uni*), ...	Rs. 9 to	12	0	0
Ulster (felt) (*baran*, coat)		10	0	0
Cloaks (*felt ghugi*), ...	Rs. 5-8 to	9	0	0
Gun cover (felt) (*banduk ká ghilaf*)		0	8	0
Saddle-cloths (felt) (*taihrn*), ...	Re. 0-12 to	1	0	0
Artificial fruits and vegetables, consisting of 2 mangoes, 4 jáman-berries, 2 plums, 6 almonds, 5 cardamums, 5 cloves and 2 brinjals		3	14	0
Buckle (*peti-ke-purze*)		3	0	0
Gun lock (*cháp*)		7	0	0

AJMIR.

SECTION E.—FABRICS, INCLUDING APPAREL AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

2 Coverings for women, price Rs. 9-8 each.
3 Head dress, price Rs. 7-13, Rs. 9-8, Rs. 12-12 respectively.
3 Pieces chintz, price Rs. 3-1 each.

1 Handkerchief, price Rs. 3-8.
5 Counterpanes (impressed), price Rs. 3-12 for four and Rs. 2-12-9 for one.
2 Floor cloths, price Rs. 5-8 and Rs. 6-10 respectively.
2 White blankets, Rs. 4-8 and Rs. 8-6 respectively.
1 Red blanket, Rs. 6-2.
2 Hangings for armlet, made of silk and lace, Rs. 7-11.
Lace, silver, and gold of sorts, 36 pieces of 2 yards each, Rs. 21-10-6.
2 Locks, price 9 annas and 6 annas respectively.
1 Tobacco-holder, Re. 1-2.

KARAULI.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING HOUSES, &c.

1 Pair of clubs, Rs. 4.
1 Set of bedstead legs, Rs. 4.
1 Small round box, price 2 annas.
1 Wooden lotus flower, price 8 annas.
1 Stone pen box, Rs. 2-4.
1 Stone model of house, Rs. 98.

	Rs.	A.	P.
1 Set of country playing cards	32	0	0
1 Ditto made of zinc	12	0	0

SECTION E.—FABRICS, INCLUDING APPAREL, OBJECTS OF PERSONAL WEAR OR USE.

Pieces of Chintz for petticoats, ...	Rs. 8-2 *to*	11	4 0
1 Woman's chadar	...	1	2 0
1 Pair of shoes	...	2	4 0
Hukkas	Rs. 5-7-0 *to*	6	5 0

JHALAWAR.

SECTION D.—METALWARE AND TOYS.

Metal hukka-stand and pipe	5	4	0
1 pair of stirrups	2	8	0
Covered metal tumbler	3	0	0
Rose-water sprinkler	3	0	0
12 Brass dishes in cases	3	8	0
Charpoy metal legs	14	0	0
Silver and gilt sword hilt	46	0	0
Wooden toys	7	8	0
Saddle cloth	10	0	0
Praying bag	2	0	0

SECTION E.—COTTON FABRICS AND JEWELRY.

	Rs.	A.	P.
3 Head cloths	3	11	0
1 Petticoat	0	15	0
2 Bed coverlets	2	4	0
Four silver bracelets, different patterns	42	12	6
One pair of silver anklets	26	4	0
Silver pendant for necklace	7	6	0
Silver pendant for armlet	10	3	3
Silver hand ornament	6	9	0
One set of silver and cocoanut bangles	0	13	3

DHOLPUR.

SECTION D.—FURNITURE, STONE UTENSILS, METALWARE, AND TOYS.

Two wooden plates, lacquered and inlaid	1	10	0
Octagonal stand, white sandstone	4	10	0
Square stand. ditto	3	8	0
Spice holder stand, ditto	9	6	0
Stand, ornamented with white sandstone	4	4	0
Plate, ornamented white sandstone	0	12	0
Vase for storing ghi or ghur, red sandstone	4	5	0
One ditto, smaller ... ... Re. 1-6-0 to	2	10	0
One open work screen, white sandstone	20	5	0
One flower pot, red sandstone	4	3	0
Two hukka metal stands, with wooden pipes, inlaid, and mouthpieces	10	13	0
One elephant toy-stand, white sandstone	9	5	0
Two toys ornamented with white sandstone	2	4	0
Three wooden lotus toys, lacquered and inlaid	0	12	0

SECTION E.—COTTON FABRICS.

One piece of coarse cloth	3	8	0

SECTION F.—MINERALS.

A block of red sand stone, 1 cubic foot, weight 148 lbs. ...	1	13	0

SECTION G.—APPARATUS FOR TOBACCO CONSUMPTION.

Two wooden hukka pipes, inlaid, without metal stands ...	5	2	0

TANJORE.

EXHIBITS BY HER HIGHNESS THE PRINCESS OF TANJORE.

One Belly-god with two Rajas, in pith, Rs. 17-8.
Kristna, the ninth incarnation of Vishnu, and his two wives, in pith, Rs. 5 and Rs. 10-8.
Pig and *oddar*, a Hindoo caste, Rs. 3-8
Dogs made of cotton, Rs. 2.

TOYS, WOODEN.

Tappa, 2 annas and 4 annas.
Kelas, 6 annas.
Jamboo, 6 pie and 6 annas.
Lota, 4 annas.
Cups, 2 annas.
Thamba, 2 annas.
Vatti, 1 anna.
Thattu, 1 anna.
Pot with stand, 1 anna.
Pot, without stand, 6 pie.
Tappa, painted, 1 anna.
Do., do., 1 anna.
Do, small, 6 pie.
Cabinet of games, Rs. 70.
Writing desk, Rs. 70.
Comb, large, 2 annas.
Do., small, 1 anna.

BRASS ARTICLES.

Elephants, Re. 1 and Rs. 2.
Tiger and man fighting, Rs. 2.
Cots, Re. 1-8 and Rs. 2.
Chair, 8 annas.
Grinding-stones, 6 annas.
Oven, 2 annas.
Sieve, 4 annas.
Winnows, 1 anna.
Pestle, 2 annas.
Ram, 1 anna.
Vatti thattu, 1 anna.
Pot for making cake, 1 anna.
Cup, 6 pie.
Box, 1 anna.
Ditto, 1 anna.
Water-pot, 6 annas.
Spoon used for taking cakes out of cake pots, 6 annas.
Water-pot, 4 annas.
Utensil, 1 anna.
Drinking pot, 2 annas.
A pot, 2 annas.
Ditto, 2 annas.
Chain, Rs. 3.
Ditto, Rs. 3.
Musical instrument, Rs. 3-8.
Tray, in brass, copper, and silver Rs 7.
Tortoise-like box, Rs. 2.

ARTIFICIAL FRUITS AND VEGETABLES.

Jack fruits, 4 annas.
Elanir (tender cocoanut), 4 annas.
Do., small, 1 anna.
Parangikai, 4 annas.
Plantain bunches, 4 annas.
Erambapalam (pumalow), 4 annas.
Sorakkai (water gourd), 2 annas.
Panampalam (palmyra fruit), 1 anna.
Cocoanut, 1 anna.
Peerkankai, 1 anna.
Papalikoy (papaya fruit), 1 anna.
Cucumber, 6 pie.
Brinjals, 1 anna.
Mango bunch, 1 anna.
Munthree bunch (cashew), 1 anna.
Anasupalam (pineapple), 1 anna.
Pomgranate bunch, 6 pie.
Koyapalam (guava), 6 pie.
Anjerpalam (orange), 6 pie.
Kodimunthreepalam (grape), 6 pie.
Narathampalam (orange), 6 pie.
Pakalpalam, 6 pie.
Koyapalam (guava), 3 pie.
Thamarthanpalam (carambola), 3 pie.
Kodamulakai (chilly), 3 pie.
Mulakai (chilly), 3 pie.

Vilampalam (wood-apple), 3 pie.
Thapakku containing nuts, &c., made of clay, Re. 1.
Ornamental box, Re. 1.
Culinary utensil, 8 annas.
Tree made of areca-nut, Rs. 3-8.
Ruler, ditto, Re. 1.
Sandal-wood box, Rs. 35.
Sandal-wood chowry, Rs. 17-8.
Flowers, Rs. 2.
Artificial flowers, made of quicksilver, Re. 1-8.
Box containing reptiles, in horn, Rs. 10-8.
Reptile, made of horn, Re. 1.
Weapons used by Mullaga Jetti (wrestlers), Rs. 4-8.
Cots, made of beads, As. 8 and Re. 1.
Chair, do., 4 annas.
Handkerchief, made of beads, Rs. 3-8.
Tray, made of paddy, Rs. 2.
Looking glass, Re. 1.
Kaleidoscopes, 8 annas.
Box containing views, Re. 1.
Reptiles, made of horn, Rs. 4-8.
Horn box with silver handle, 4 annas.
Ditto, small, 2 annas.
Painting of Kistna, &c., Rs. 50.
Painting drawn, half male and other half female, Rs. 14.
Talc paintings, Rs. 3.
Drawing of a bird, 4 annas.
Do. of Hindoo god, 8 annas.
Glass drawing of a temple, Rs. 3-8.
Painting of Dubash (Hindoo), 8 annas.
Ditto of another sort, 8 annas.
Ditto of snake-player and his wife, 8 annas.
Wife of Komatti sect, 8 annas.
Wife of Vaduvar sect, 4 annas.
Parrot on bough, 4 annas.
Talc painting of the Tanjore palace, Rs. 3-8.
Drawing on ivory plates, Rs. 6.
Do. of birds, Rs. 2 to 4-8.
Drawing of Hindoo god, Rs. 17-8.
Royal play cards (96), Rs. 24.
Vedaic do. (98), Rs. 24-8.
Another sort of play cards, Rs. 48.
Play cards, Rs. 25 to Rs. 48.
Carved ivory comb, Rs. 17-8.
Comb with looking glass, Rs. 3.
Small comb used for cleaning the beard, Re. 1.
Ditto ditto the whiskers, Rs. 3-8.
Ivory image, Rs. 70.
Ivory comb with handle, Rs. 3-8.
Toys, 8 annas to Rs. 17-8.
Comb, made of green stone, Rs. 3-8.
Peacock, made of green stone, Rs. 17-8.
Pair of parrots, ditto, Rs. 17-8.
Parrots made of false pearls, Rs. 10.
Spectacles, Rs. 2.

WOODEN, &c., ARTICLES.

Pigeon made of clay and wood, Re. 1.
Boy ditto ditto, Re. 1-8.
Brahmin mendicant, Rs. 4.
Ditto pilgrim, Rs. 4.
Ditto and wife, Rs. 4.
Soucar and wife, Rs. 4.
Oddar and wife and family, Rs. 4.
Bird called rajali, Rs. 4.
A boy made of clay and wood, Rs. 10.
Wooden young boy, Rs. 3-8.
Image made of wax, Rs. 14.
Wooden box of ivory, Rs. 100.
Walking-sticks made with lac, Rs. 3-8.
Ditto, fine handle, Rs. 3-8.
Ball, made of silk, 4 annas.
Towel, Rs. 3-8.
Do., small, Re. 1.
Bags, made of beads, 8 ans. to Rs. 2.

IRON ARTICLES.

Nut-cutters, made of iron, Rs. 2 to Rs. 3.
Styles for writing on palmyra leaves, 2 annas to 4 annas.
Pin, for making holes, 2 annas.
Knife, for cutting firewood, Rs. 5.
Paper-cutter, made of brass, Rs. 5.
Sieve, made of bamboo, 2 annas.
Do., small, 3 annas.
Winnow, made of bamboo, 3 annas.
Indigo, 5 annas.
Raw do., 5 annas.
Red dye, 8 annas.
Garlands, made of pith and lace, Rs. 10-8 and Rs. 14.
Head ornament, Rs. 7.
Flower ball, Re. 1.
Talc fan, Rs. 2.
Cus-cus do., Rs. 2.
Small fans, made of talc, Rs 2-8 to Rs. 5.
Colored fan, Rs. 3-8.
Ditto, Rs. 3-3.
Fan, made of cloth, Re. 1.
Cut bottle, Rs. 2.

Male image, made of cloth, Rs. 5.
Female ditto ditto, Rs. 5.
Rattan mat, Rs. 14.
Coloured mat, Re. 1-8.
Carpet, Rs. 12.
Lace cloth used for palankin, Rs. 100.
Harness, made of silk, Rs. 35 to Rs. 80.
Seat with golden flower and ivory works, Rs. 40.
Wooden seat, Rs. 20.
Shoe, Re. 1 to Rs. 2.
Painting of Hindoo god, Rs. 5.

GRAINS.

Horse-gram, 2 annas.
Kalvaragu (millet), 2 annas.
Black grain, 3 annas.
Green gram, 2 annas to 4 annas.
Bengal ,, 4 annas.
Beans, 3 annas.
Flat gram, 3 annas.
Oilseed 5 annas.
Kambu (spiked millet), 1 anna to Re. 1-6
Kothamali (coriander), 2 annas 6 pie.
Cholam (Indian-corn), 2 annas.
Do., white, 2 annas to 4 annas.
Dholl (red gram), 4 annas.
Cholam (Indian-corn), 4 annas.
Mild raggy, 4 annas.
Grass gram, 2 annas.

TOOLS AND IMPLEMENTS.

(Dagger) with three blades, Rs. 10-8.
Ditto, one, Rs. 10-8.
Common dagger, Rs. 3-8.
Banku of good work, Rs. 7.
Banku, common, Rs. 3-8.
Knife, carved, Rs. 3-8.
Sword, with tiger head, Rs. 17-8.
Do., serpent-shaped, Rs. 14.
Walking-stick with knife, Rs. 7.
Wooden figure of a boy, Rs. 20.
Daggers, Rs. 3-8 and Rs. 17-8.
Balliam (spear), Rs. 3-8.
Munda, a tool (javelin), Rs. 7.
Balliam, another sort (spear), Rs. 7-8 to Rs. 10-8.

MUSICAL INSTRUMENTS.

Venia, Rs. 50.
Thumbara, Rs. 35.
Swarabath, Rs. 25.
Sarangi, Rs. 17-8.
Carnatic *thumbara*, Rs. 100.
Threshold of big temple, Rs. 10.
Paper from Palamcottah, 12 annas.
Tiger, pair, 8 annas.
A male image, 4 annas.
A female image, 4 annas.

EARTHEN POTS, &c.

Earthen pots, &c, 2 pie to 4 annas.

INDIAN CLOTHES.

Indian clothes, Rs. 7 to Rs. 1,000.
Indian clothes, Rs. 2-4 to Rs. 100.
Garland made of sandal wood, Rs. 5.
Hindoo god made of wood, Rs. 3-8.
Male image, of wood, 8 annas.
Female, ditto, 8 annas.
Weaving instrument, Rs. 3-8 to Rs. 5.
Musical instrument called *dol*, Rs. 5.
Musical instrument called *nagasaram*, Rs. 7.
Musical instrument called *othoo*, Rs. 5.
Musical instrument called *pakthar*, Rs. 10-8.
Musical instrument called *toppoo*, Rs. 2.
Basket made of Olie, 6 annas.

SILVER UTENSILS.

Tulasi stand made of good silver, Rs. 70.
Gulabdhani, Rs. 80.
Long cup (*nabdhar*), Rs. 60.
Tumbler (cover on), Rs. 40.
Drinking vessel, Rs. 36.
Ditto, with spoon, Rs. 51.
Jamboo (*nabdhar*), Rs. 40.
Do., common, Rs. 30.

Dish-like cup (cover on), Rs. 100.
Cup (cover on), Rs. 56.
Long tray, Rs. 105.
Common tray, Rs. 67.
Small tray, Rs. 32.
Case for keeping smelling articles, Rs. 17.
Case, *chunam*, with chair and spoon, Rs. 12.
Bat, Rs. 40.
Panjan by jewel (leg-ornament), Rs. 110.
Padagam do., Rs. 44.
Locket (necklace), Rs. 12.
Breast pin, Rs. 10.
Ring, engraved Hindoo god, Rs. 20.

GOLD ARTICLES.

Large box, Rs. 50.
Small ,, Rs. 19.
Plain boxes with gold pearls on, Rs. 85.
Brinjal-like vessel, Rs. 30.
Fish-like do., Rs. 60.
Tortoise-like vessel, Rs. 40.
Parrot-like vessel made with cocoanut shell, Rs. 70.
Do., common, Rs. 25.
Small vessel, Rs. 110.
Play article called *ammánáy*, Rs. 110.
Common play articles called *ammánáy*, Rs. 95.
Toys called *kulukala*, Rs. 200.
Betel leaves, Rs. 65.
Tippera toys, Rs. 250 and Rs. 350.
Flower bunch used for turband, Rs. 70.
Spectacle, Rs. 20.
Knife, Rs. 30.
Cow-horn ornamented with gold, Rs. 120.
Kalana, Rs. 550.
Tikala, Rs. 14.
Head jewel studded with rubies, Rs. 1,000.
One of the Hindoo ornaments (*Kavada*), Rs. 310.
One of the Hindoo ornaments (*Bresta*), Rs. 200.
One of the Hindoo ornaments (*Kannda*), Rs. 1,000.
An ornament to decorate above the elbow, Rs. 1,000.
Nose-ring studded with diamond and good pearl, Rs. 700.
Earring made of emerald, Rs. 700.
Sacred beads mixed with gems, Rs. 700.
Hasla billa, an ornament to decorating hand, Rs. 200.
Sacred beads, canta called *goveri sunker*, Rs. 700.
Sacred beads, for using in the hand, Rs. 200.
Vanki used among females, Rs. 1,500.
One of the ornaments used among females, Rs. 30.
Bangles, Rs 35 and Rs. 40.
Toda used by females, Rs. 1,500.
Payangan, like *padagam*, mingled with golden beads, Rs. 800.
Julladi, Rs. 700.
Doll, Rs. 350.
Hat made of good pearl, Rs. 1,500.
Toda made of diamond, Rs. 13,000.
Buja banthoo made of diamond, Rs. 55,000.
Good pearl garland with pendant diamond made, Rs. 20,000.
Ranjook dhani, Rs. 22,000.
Do. *doll*, Rs. 500.
Pearl garland, Rs. 15,000.
Secapul, Rs. 250.
Chanth (diamond), Rs 200.
Jirmulaya pan patty, Rs. 600.
Sirpanch, Rs. 15,000.
Humma, Rs. 100.
Hat made with precious stone, Rs. 8,000.
Chand.
Sispool chandrama.
Jilmulaya.
Pool.
Bangis pan.
Kristna *canda*.
Black feathers.
Head ornament.
Bangles, Rs. 10.
Arm-gun, formerly used for tiger hunting, Rs. 10.
Armoury *gatha*, Rs. 10.
Banner with silver handle and crowned with golded balla, Rs. 270.
Five walking-sticks made with buffalo horns, Rs. 35.
Royal turban decorated with diamond, &c.
Valuable cloth (*Karchippu*).
Woman's cloth decorated with pearls.
Half coat ditto.
Ivory box.
Kristnn-an, (two) made of ivory.

BENGAL EDUCATIONAL DEPARTMENT.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

Supplementary Exhibits to illustrate the working of the Educational Department.

1.—INDIGENOUS EDUCATION—

Short account of the purely indigenous education of Bengal.

2.—PRIMARY EDUCATION—

(*a.*) Short account of the official system of primary education, with statistical tables, &c.
(*b.*) Regulations for the Pass or Centre Examinations of lower primary schools, and rules for carrying out the system of payment by results in various districts.
(*c.*) Rules for the lower primary Scholarship Examination.
(*d.*) Specimens of lower primary Scholarship Examination papers set in various districts, in Bengali, Hindi, Ooriya, Urdu, with translations into English,
(*e.*) Lower primary Scholarship and Pass Certificates.
(*f.*) Course of studies and text-books employed in upper primary schools in various circles.
(*g.*) Rules for the upper primary Scholarship Examination.
(*h*) Specimens of upper primary Scholarship Examination papers set in various circles, in Bengali, Hindi, Ooriya, and Urdu.
(*i.*) Upper primary Scholarship and Pass Certificates.

3.—SECONDARY EDUCATION—

(*a.*) Short account of the official system of secondary education, with statistical tables, &c.
(*b.*) Course of studies and text-books used in middle English and middle vernacular schools in various circles.
(*c.*) Rules for the examination for middle scholarships, vernacular and English.
(*d.*) Specimens of middle Scholarship Examination papers set in various circles, in Bengali, Hindi, Ooriya, and Urdu.
(*e.*) Middle vernacular and middle English Scholarship and Pass Certificates.
(*f.*) Course of studies and text-books used in high English schools in various circles.
(*g.*) Regulations for the University Entrance Examination, by which junior scholarships are awarded.
(*h.*) Specimens of Entrance Examination papers.
(*i.*) Junior Scholarship and ordinary Entrance Certificates.

4.—UNIVERSITY EDUCATION—

(*a.*) Short account of the University of Calcutta and its affiliated colleges, with statistical tables, &c.
(*b.*) Entrance Examination :—Regulations, Examination papers, and Certificates,—*see* under Secondary Education.
(*c.*) Regulations for the First Examination in Arts.
(*d.*) Specimens of papers set in the First Examination in Arts.
(*e.*) Regulations for the Examination for the Degree of Bachelor of Arts.

(*f.*) Specimens of papers set in the Examination for the Degree of Bachelor of Arts.
(*g.*) Regulations for the Examinations for Honors in Arts and for the Degree of Master of Arts.
(*h.*) Specimens of papers set in the Examinations for Honors in Arts and for the Degree of Master of Arts.
(*i.*) Regulations for the Degree of Bachelor in Law, for Honors in Law, and for the Degree of Doctor in Law.
(*j.*) Specimens of papers set in the Examinations for the Degree of Bachelor of Law and for Honors in Law.
(*k.*) Regulations for the Examinations for a License in Medicine and Surgery, for the Degree of Bachelor of Medicine, for Honors in Medicine, and for the Degree of Doctor of Medicine.
(*l.*) Specimens of papers set in these examinations.
(*m.*) Regulations for the Examinations for a License in Civil Engineering, for the Degree of Bachelor of Civil Engineering, for Honors in Civil Engineering, and for the Degree of Master of Civil Engineering.
(*n.*) Specimens of papers set in these examinations.
(*o.*) Papers set in the Premchand Roychand Scholarship Examination.
(*p.*) Specimens of every Certificate and Diploma issued by the University.
(*q.*) Specimens of University Medals.
(*r.*) Specimens of the Academical Costume prescribed for each degree.
(*s.*) Calendars of the Universities of Calcutta, Madras, Bombay, and the Punjab.

5.—SPECIAL INSTRUCTION, FEMALE EDUCATION, EUROPEAN AND EURASIAN SCHOOLS, &C.—

(*a.*) Short account of schools of special instruction, female education, European and Eurasian schools, &c.
(*b.*) Regulations for the Vernacular Mastership Examination of Normal Schools.
(*c.*) Papers set in the Vernacular Mastership Examination.
(*d.*) Specimens of Certificates issued.
(*e.*) Regulations for the Sanskrit Titles Examination.
(*f.*) Papers set in the Sanskrit Titles Examination.
(*g.*) Specimens of Certificates issued.

6.—REPORT OF THE EDUCATION COMMISSION.

7.—EDUCATIONAL APPLIANCES, MODELS OF SCHOOLS, SCHOOL FURNITURE AND BOOKS.

An indigenous pathsala, or primary school—
An actual pathsala of about 60 native boys and 4 gurus or teachers will be held in a building specially prepared to represent a native school-house. The school will be open for two hours twice a week, on dates to be afterwards notified. The school exercises will comprise only purely indigenous school-work, such as palm and plantain leaf writing, chanting the multiplication table in Bengali, &c. A printed account of pathsalas will be suspended in the building.
Chalk, &c., for writing on ground, or slates (4 specimens). From the Joint-Inspector of Schools, Orissa.
Iron stylus used in palm leaf writing, common (3 specimens). The knife-edge on the head of the stylus is used for cutting the palm leaf. From the Joint-Inspector of Schools, Orissa.
Iron stylus used in palm-leaf writing, good (3 specimens). One of them with ornamented head. From the Joint-Inspector, Orissa.

Reed and bamboo pens used for writing on palm and plantain leaf, and on paper. From the Deputy Inspector of Schools, 24-Pergunnahs.
Indigenous writing slates used in Singbhoom. From the Inspector, Presidency Circle.
Slate-pencils used in Singbhoom. From the Inspector, Presidency Circle.
Sampidi. Wooden boards fastened together so as to form a sort of book, in which petty accounts are kept by shop-keepers. From the Joint-Inspector, Orissa.
Knotted string used by Sonthalis in keeping accounts of rice with their mahajans. The first set of knots, of which there are 12 in this specimen, represents the number of maunds of rice received on loan from the mahajan during the preceding year; the second set of knots, of which there are 10 in this specimen, represents the number of maunds received during the current year; and the third set, of which there is only one, represents the number of shalis, a measure about half a maund. From the Deputy-Inspector, Sonthal Pergunnahs.
Photograph of the Krishnaghur College.
Photograph of the Seebpore Engineering College.
Photograph of the Medical College and Hospital.
Photographs of the Dacca and Krishnaghur cricket elevens.

SCHOOL-BOOKS.—Specimens of school-books in the various languages taught in Government and other schools throughout Bengal :—

Bengali—

123 Bengali school-books, on all subjects taught in primary and secondary schools. From the Calcutta School Book Society.
3 Books on Bengali music. From the Inspector, Presidency Circle.

Ooriya—

39 Ooriya school-books. From the Joint-Inspector, Orissa.
24 Ditto ditto. From the School Book Society.

Devanagri—

59 Devanagri schools-books. From the Inspector, Behar Circle.
12 Ditto ditto. From the School Book Society.
3 Ditto ditto. Used in Mission schools amongst the Kols of Chota Nagpore. From the Assistant Inspector, Chota Nagpore.
2 Devanagri alphabets, mounted for school use. From the Assistant Inspector, Chota Nagpore.

Kaithi—

Kaithi school-books. From the Inspector, Behar Circle.

Urdu—

Urdu school-books. From the Inspector, Behar Circle.
12 Urdu school-books by Moulvi Ubaid Ullah. From the Author.
9 Urdu school-books. From the School Book Society.

Sanskrit—

Sanskrit school-books. From the Principal, Sanskrit College.

Persian—

25 Persian school-books. From the Principal, Calcutta Madrassah.

Arabic—

30 Arabic school-books. From the Principal, Calcutta Madrassah.
2 Arabic school-books by Moulvi Ubaid Ullah. From the Author.

Mundari and Ho—

13 Mundari and Ho school-books, used in various Mission schools in Chota Nagpore. From the Assistant Inspector, Chota Nagpore.

Oraon—

4 Oraon school-books, used in Mission schools in Chota Nagpore. From the Assistant Inspector, Chota Nagpore.

Sonthali—

12 Sonthali books used in Mission schools. From the Assistant Inspector, Chota Nagpore.
15 Sonthali school books, received from the Indian Home Mission. From the Deputy Inspector, Sonthal Pergunnahs.
5 Rajmahali Paharia school-books, received from the Indian Home Mission. From the Deputy Inspector, Sonthal Pergunnahs.
6 Rajmahali Paharia school-books. From the Revd. Dr. Baumann.
3 Rajmahali Paharia school-books. From the School Book Society.

Tibetan—

7 Tibetan school-books. From the Deputy Inspector, Sikkim.
History of Buddhism, by Baton. A fine specimen of Tibetan block printing. From the Deputy Inspector, Sikkim.
Apparatus used in Tibetan block printing, comprising the blocks, roller, brush, two kinds of ink, and the paper employed. A short account of Tibetan block printing is attached to the exhibit. This apparatus was obtained from the Buddhist Monastery of Pemayantsi, Sikkim.

Lepcha—

3 Lepcha school-books. From the Deputy Inspector, Sikkim.

Khasia—

4 Khasia school-books. From the School Book Society.

Burmese—

5 Burmese school-books. From the Deputy Inspector, Chittagong.
Text-books prescribed by the University of Calcutta for the examinations for its various degrees. Lent by Messrs. Thacker, Spink & Co.
The Tagore Law Lectures, 1870—1883.
Manuscripts in various languages :—

Bengali—

Vidya Sandara.
Santi Parva (Mahabharat).
Satya Narayana.
Mahabharat (fragment).
Santi Parva (Mahabharat).
Kabi Kankar's Chandi.
Birát Parva (Mahabharat).
Dharmer Jágaran.
Part of Vidya Sundara.
Pralhad Charitra.
Satya Narayana.
Mahabharat. Written in 1213 B. S.
Ramayana, 55 years old.
Harinama Mrita, 37 years old; now in course of publication; belonging to Tarini Prasad Neogy.

Ooriya—

Bandhodoya. An illuminated palm-leaf book. From the Joint-Inspector, Orissa.

Palm-leaf book containing illuminated extracts from Gitagovind. From the Joint-Inspector, Orissa.

Devanagri—

Muklavali (philosophy). Age 270 years, as appears from date given in manuscript itself.

Vyakaran panini. Over 100 years old.

Vyakaran saraswati. Age 136 years.

Muklavali. 44 years.

Vyakaran-Bhushan. 50 years.

Adhyatma Rámáyan. 70 years.

Several small manuscripts.

Kaithi—

Suryay Purán. 22 years old.

Legend of Behula. An abstract of the legend in English is annexed to the manuscript.

Sudamacharetra.

5 Miscellaneous manuscripts.

Urdu—

5 Small Urdu manuscripts. From the Inspector, Behar Circle.

Sanskrit—

Chitikándam (treatise on the maintenance of the sacred fire). 500 years old. Fragment of the Yayurveda, in Devanagri characters.

Jágadisi (logic).

Jyotisá sangraha (astrology).

Madanpárijáta (Hindu law). 132 years.

Naishadha charita. 300 years. A Sanskrit poem written on teria-leaf, *Corypha taliera*, in Bengali characters.

Vidagdha mádhava nátakam. Sanskrit drama in Ooriya characters on palm-leaf.

Dásamukhabadha kányam. 350 years. A prákrita poem written in Bengali characters on teria-teaf.

Birudávali. A collection of witty poems written in Maithili character.

Jívánigamasútram. A Jain work on the origin and destruction of created beings written in Mágadhi characters.

Bhaktámarastotram. 200 years. Jain work containing a hymn in Sankrit.

21 Sanskrit manuscripts from the Inspector Western Circle.

Persian—

Srimat bhagbat. From the Principal, Calcutta Madrassah.

Gulistan. From the Principal, Calcutta Madrassah.

Arabic—

7 Arabic manuscripts. From the Principal, Calcutta Madrassah.

Tibetan—

Chyang Chhut Landon. Translated from a Sanskrit work of A. D. 1001. From Baboo Sarat Chandra Dass, Deputy Inspector, Darjeeling.

Pon scripture. A sacred work in U-chan character. From Baboo Sarat Chandra Dass, Deputy Inspector, Darjeeling.

Burmese—

4 Burmese manuscripts. From the Deputy Inspector, Chittagong.

3.—MAPS, CHARTS, AND GEOGRAPHICAL APPARATUS—

12 Bengali geography primers and atlases. From the School Book Society.

Bengali school-map, of the world in hemispheres. From the Inspector, Presidency Circle.

2 Small terrestrial globes used in Bengali schools.

4 Devanagri geography primers and atlases. From the Inspector, Behar Circle.

Map of valestine in Devanagri, used in Kol Mission schools. From the Assistant Inspector, Chota Nagpore.

1 Ooriya physical geography. From the School Book Society.

Ripon Atlas in Ooriya. Firsh Ooriya atlas pnblished contains 10 maps. From the Joint-Inspector, Orissa.

5 Ooriya geography primers. From the Joint-Inspector, Orissa.

1 Urdu geography primer. From the School Book Society.

.—SPECIMENS OF WORK DONE BY PUPILS IN SCHOOLS—

Handwriting in the various languages taught in Bengal schools—

Bengali—

Writing on palm-leaves. Three sets of specimens. Writing done with ink. The bamboo pen, the palm-leaf ring in which the written leaves are kept by the scholar, the cloth with which the leaf is cleaned for fresh writing, and the grass mat or dharapat on which the scholar sits are also shewn. This is done in the "palm-leaf class," the lowest class in a pathsala. From pathsalas in 24-Pergunnahs.

18 Specimens of palm-leaf writing. From Phulbati School 24-Pergunnahs.

Writing on paper. Several specimens. Done with a reed-pen in the higher classes of a pathsala. From pathsalas in 24-Pergunnahs.

Writing on paper. From Reformatory School, Alipore.

Ditto. From girls, schools of the London Missionary Society, Bhowanipore.

Ditto. From schools in western circle.

Mahajani accounts. Specimens of form of keeping accounts in money transactions. From pathsalas in 24-Pergunnahs.

Zemindari accounts. Specimens of the various headings of accounts in a landed estate (zemindari). From pathsala in Nuddea district.

Horoscope in Bengali. The drawing-up of horoscopes is taught in tols.

6. Specimens of deeds, contracts, &c., in Bengali. From Phulbari school, 24-Pergunnahs.

4 Specimens of minute Bengali writing on post cards by pupils of the Dacca Collegiate School.

Ooriya—

Writing on bamboo-leaf. Written with iron stylus. 14 bamboo-leaves enclosed in 2 palm-leaves. From Talsipore Pathsala, Cuttack.

Writing on palm-leaf done with an iron stylus :—

Ordinary quality (3 specimens). From pathsalas in Cuttack district.

Medium quality (3 specimens). From pathsalas in Cuttack district.

Best quality. By Bhikari Charan Mahanty, Monda, Balasore district.

Best quality. Done with an iron stylus and then rubbed with a red powder. By Chintamani Banigrahi, Guamal, Balasore.

Best quality. Done with iron stylus, a beautiful specimen of very fine palm-leaf writing. By Radha Krishna Nunda, Teacher, Parbatipore Pathsala.

Writing with read or quill pen on paper :—

Common (3 specimens). From pathsalas, Cuttack.

Medium (2 ,,). From secondary schools, Cuttack.

Best (2 ,,).

Chitra kabya or poem in pictures. Containing Ooriya verses written in fanciful forms, such as fishes, flowers, &c. By Gobind Missra, Sonakhala, Banpore, Pooree.

Devanagri—

Specimens of Devangari school-writing of all kinds, plain and ornamental. From pathsalas, middle and high schools, Behar.
Specimens of Devanagri school-writing. Reformatory School, Alipore,

Kaithi—

Specimens of all kinds plain and ornamental. From pathsalas, middle and high schools, Behar.

Urdu—

Specimens of all kinds, plain and ornamental. From pathsalas, middle and high schools, Behar.

Sanskrit—

Writing on palm-leaf in Ooriya characters with iron stylus (attached).
Writing on palm-leaf with ink made of lacdye with bamboo-pen (attached).
Writing on paper with bamboo-pen.
Ditto ditto.
Writing on paper with reed-pen.
Ditto ditto.
9 Specimens of Sanskrit writing in Bengali and Devanagri chaeacters.

N.B.—The method of preparing the ink with which these specimens are written is explained on the labels attached to each.

Persian—

25 Specimens of Persian hand writing of all kinds, plain and ornamental. From Calcutta Madrassah.

Arabic—

18 Specimens of Arabic writing, plain and ornamental. From Calcutta Madrassah

Mundari—

15 Specimens of Mundari school-writing done in the mission schools.

Oraon—

Numerous specimens of Oraon handwriting by girls and boys from mission schools.

Sonthali—

Many specimens of Sonthali school-writing by boys and girls, illustrating the work of elementary schools. From pathsalas and primary schools of Sonthal Pergunnahs.

Tibetan—

Specimens of Tibetan school-writing. From Bhutea Boarding School, Darjeeling.

Burmese—

Specimens of Burmese school-writing done in schools of Chittagong Hill Tracts. From Deputy Inspector, Chittagong.

PLANS, MAPS, &C., PREPARED IN INDUSTRIAL, SURVEY, AND OTHER SCHOOLS.

Cadastral survey map of the village Marmul, by Christain Kol lads of the Society for the Propagation of the Gospel and German Missions at Ranchi.

Cadastral survey map of the village Torar, in Lohardugga, by Christian Kol lads.
Map of the compounds of the Ranchi Normal and Zillah School, with slip showing scale of drawings by Christian Kol lads.
2 Plans of the school-house of the Aided English Railway School at Khagoul, Dinapore. These are done entirely by the two girls named on the exhibits.
Manuscript map of the world in Devanagri.
Ditto ditto from Gaya Zillah School.
Terrestrial globe from ditto.
Map of Gaya district from ditto.
Map of a group of villages in Gaya district from Gaya Zillah School.
6 Maps from St. Paul's School, Darjeeling.
22 Maps from Jamalpore Railway School.
1 Map of India (Bengali) from Chitholia School, Pubna.
1 Map of India (Bengali) from Hugli Normal School.
Atlas by a pupil of Dhankora Middle Vernacular School, Dacca.
Map of world by Tara, Circle Pundit, Dacca.
Plan of Dacca Hospital and map of Parjoor island, by a pupil in Dacca Survey School.
2 Maps of India from Dacca schools.
Map of Asia (Bengali).
Bengali diagram to illustrate the diurnal and annual motions of the earth and the moon's phases. From Phulbati School, 24-Pergunnahs.

DRAWINGS, PAINTINGS, &C., FROM SCHOOLS OF ART AND OTHER SCHOOLS.

Picture of Cupid's car painted on palm-leaves. The car is made up of female figures. By Gourang Mahapatra, teacher, Talsipore Pathsala.
Picture of Radha and Krishna. Mostly made of Ooriya letters. By Lukhan Putnaik, Khorda.
3 Landscape paintings in water colours. From Gaya Zillah School.
21 Drawings. Ordinary school drawings, not specially done for the Exhibition. From English Railway School, Jamalpore.
8 Drawings. Ordinary school drawings, not specially done for the Exhibition. From St. Paul's School, Darjeeling.

Exhibits from the Calcutta School of Art. These are intended to illustrate the various kinds of art-work taught in this school, one specimen of each kind being exhibited:—
Studies from life in water colours:—
Head of a native of Gwaliór, named Káshirám, by Navakumar Viswas.
Head of a Bengali Baboo, named Prianath Mukherji, by Mahendranth Chaudhuri.
Head of a native of Behar, named Balaram, by Jadubkrishna Bhattacharji.
Head of a native of Behar, by Hatinárayan Basu.
Head of a Mahomedan cooly, by Jádab Chandra Chakravarti.
Head of a Gosain, by Jadab Chandra Chakravarti.
Head of a native of Gwalior, by Jadab Chandra Chakravarti.
Ditto ditto, by Krishna Chandra Pal.
Head of a native of Banswarrah, by Barada Kanta Datta.
Studies from life in oil colours:—
Head of a native of Benares, named Thakurdas Banerji, by Naráyandás Mitra.
Head of a native of Gya, named Hiradeen, by Naráyandás Mitra.
Head of a native of Shewta Bandha, Rámessur, by Digbijay Niogi.

CALCUTTA ACC. NO.

Head of a Bengali named Bepin Das, by Nritykáli Mukerji.
Three studies from life in sepia and Indian ink :—
Three ditto in crayons.
Study of nature in water colours.
Ditto ditto.
Ditto ditto in sepia.
Study of flowers in water colours (copies).
Drawings from busts in sepia.
Ditto ditto in crayons.
Ditto casts in sepia.
Ditto ditto in crayon.
Pen and ink sketches.
Pencil sketches.
Architectural drawings.
Mechanical drawings.
Specimens of lithography in chalk work.
Ditto ditto in brush work.
Ditto of drawings of textile fabrics.
Ditto of wood engravings.
Ditto of decorative paintings in tempera colours.
Ditto of decorative paintings in tempera colours, by Bipinbihari Das.
Ditto ditto ditto, by Sasadhar Banerji.
Study of life in sepia—one frame containing three heads.
Study of flowers from nature in water colours.
Study of fruits from nature in water colours.
4 Bas reliefs of heads from antique busts in plaster of Paris.
Model of leaves from nature in plaster of Paris.
Model of a mask from plaster cast in clay.
Models of two hands and two feet from plaster casts in clay.
Model of leaves.
Drawings from casts in crayons.
Drawings of butterflies, &c., prepared for the Indian Museum, by Behari Lal Das, a former pupil of School of Art.

NEEDLE, FANCY, AND OTHER WORK DONE IN GIRLS' SCHOOLS, &c.—

Country basket, from Behar.
5 Specimens of fancy work from schools in Western Circle.
3 Specimens of fancy work from Dacca Girls' School.
Many specimens of miscellaneous fancy work, from girls'.schools in Barisal.
17 Specimens of needle-work by Kol girls in mission schools at Ranchi.

2 Woollen fans ... ...
2 „ comforters ... ...
„ chain ... ...
„ rose ... ...
„ hose ... ...
„ zerendaz (cover for hookah stand) ...
„ necktie ... ...
„ child's frock ... ... } Girls in pathsalas of Pubna district.
Carpet pattern for slippers ... ...
2 Native reed fans ... ...
2 Kanthas (quilts) ... ...
Cotton child's jacket ... ...
Carpet seat ... ...

2 Woollen caps for children ... ...
2 Specimens carpet work ... ... } Cuttack Municipal Girls' School.
2 Woollen mats ... ...

5 Specimens of lace frilling, lace collar and cuffs } Orphan girls under Baptist
3 Pairs socks ... ... } Mission, Cuttack.
Chitrásan, or ornamental quilt, Orissa. Not *boná fide* school work.
1 Child's jacket, from Behar.

SPECIMENS OF WORK DONE IN ZENANA MISSION SCHOOLS &c.

Bead work—
5 Necklaces ... ...
1 Pair bracelets ... ...
1 Marker ... ...
1 Pair slippers ... ...
1 Text ... ... } Peepulputti Road School, Society for the Propagation of the Gospel.
1 Nosegay of woollen flowers ... ...
1 Tree of wool ... ...
3 Samplers, Bengali letters ... ...
1 Embroidered sári ... ...
3 Garments ... ...
1 Pirán (native shirt) ... ...
1 Woollen punkah ... ... Zenana.
1 China coat ... ...
1 Embroidered sári ... ... } Dhanghatta School.
1 Bengali sampler ... ...
1 Bengali hymn on linen ... ...
1 Doll dressed in oriental costume ... ...
3 Bengali samplers ... ...
4 Jackets ... ...
Bead work—
1 Stick ... ...
1 Umbrella ... ...
1 Chick (neck ornament) ... ...
1 Gophár (garland) ... ...
1 Báju (armlet) ... ...
1 Sínthí (head ornament) ... ...
1 Jháptá (ditto) ... ...
1 Pair mals (anklets) ... ... } Milman Girls' School, Bhowanipore.
1 Sátlari ... ...
1 Churi (bracelet) ... ...
1 Soná kanthí (gold necklace) ... ...
1 Pair tabiz (armlet) ... ...
1 Pair jasam (ditto) ... ...
1 Sinká (suspender) ... ...
1 Táráhár (garland) ... ...
1 Fan ... ...
Pearl work—
1 Necklace ... ...
1 Muktá kanthí (pearl necklace) ... ...
Bead work—
1 Pair hair ornaments ... ...
1 Necklace ... ...
3 Purses ... ... } Doremus American Zenana Mission.
1 Pin cushion. ... ...
1 Wooden chalked board used at weddings ...
1 Drawing for above ... ...
1 Lime tree of wool ... ...
1 Rag and wool tree ... ...
3 Garlands made of rags ... ...

1 Bouquet and holder made of rags	Doremus American Zenana Mission.
1 Rag mirror	
8 Clay sweetmeat moulds	
3 Jackets	
9 Bengali samplers	
1 Cage	
1 Tidy	
2 Cushions	
2 Woollen áshuns or rugs	
1 Woollen tree	
1 Woollen frock	
Bead work—	Free Church of Scotla Orphanage, Norm School, Day School, a Zenanas.
1 Fan	
1 Penholder	
1 Bag	
1 Card of beaded imitations of native jewellery...	
12 Pirans (shirts)	
1 Table-cover in crewel work	
1 Pair of mats in gold embroidery	
1 Ashun	
1 Ditto	
1 Crewel work slipper	
1 Framed piece of carpet work	
1 Cloth garland	
Clove necklace	
Bead work—	Schools and Zenanas under Church of Scotland Ladies' Association.
3 Churies (bracelets)	
1 Kanbala (ear ornament)	
1 Bala (bangle)	
1 Sinthi (forehead ornament)	
1 Necklace...	
1 Jhapta (hair ornament)	
1 Neckband	
1 Tabiz (elbow ornament)	
1 Toe ring	
1 Jasam (armlet)	
1 Ankle band	
1 Sinka or suspender	
1 Fan	
1 Basket	
1 Rag garland and bouquet	
1 Clay sweetmeat mould	
7 Garments	
1 Sampler	
Bead work—	Church of England Zenana Mission, and C. M. S. Higher Christian Boarding Schools.
2 Fans	
2 Chicks (necklaces)	
1 Elbow ornament	
2 Baskets	
1 Bracelet	
1 Pen	
Various head ornaments	
1 Satin coat, embroidered	
1 Satin waistcoat, embroidered	
1 Satin cap	
1 Crochet cap	
1 Pair knitted socks	
1 Basket of woollen flowers	

1 Woollen bird on perch	Church of England Zenana Mission, and C M. S. Higher Christian Boarding Schools.
1 Toilet tidy	
1 Mat	
1 Chair back	
2 Coverlets	
1 Pair slippers	
2 Patchwork quilts	
1 Jacket (Barrackpore)	
1 Antimacassar	
2 Texts on cloth	
2 Pieces embroidery	
1 Geometrical sampler	
4 Flower sáris	
1 Bengali sampler	
1 Jacket	
1 Piece of lace	
1 Sampler in Sanskrit	
1 Ditto in Roman Urdu	
2 Ditto in English	
1 Ditto in Bengali	
1 Bouquet of flowers in wool	
1 Embroidered cap	
1 Head-piece for a boy	
5 Vests, 3 coloured and 2 white	
1 Vest, white silk flowers on black silk ground ...	
1 Border for a sári, worked in wool and silk on black silk.	
1 Border for sári on red silk	
1 Beaded purse	Central School.
1 Ditto necklace	
2 Pairs of slippers	
1 Square	
1 Pair socks	
1 Pair rugs	
1 Woollen muffler	
1 Shirt	Girls at the Calcutta Free School.
2 Infants' robes	
Child's drawers	
Lady's night dress	
3 Infants' shirts	
3 Child's frocks	
9 Specimens of darning	
18 Specimens of fancy work of various kinds ...	Loretto Convent Schools.

GOVERNMENT WORKSHOPS, DEHREE.

The following models, &c., were constructed and prepared at the Government Workshops, Dehree, by order of the Superintending Engineer, Sone Circle :—

1. MODEL OF THE SONE WEIR.
2. MODEL OF FOURACRES' UNDER-SLUICE GATES WITH HYDRAULIC BRAKES.
3. MODEL OF FOURACRES' DREDGER, $\frac{1}{12}$ FULL SIZE.
4. MODEL OF FOURACRES' SHALLOW DREDGER, $\frac{1}{12}$ FULL SIZE.
5. FOURACRES' AUTOMATIC DEEP WELL DREDGER.
6. MODEL OF A LOCK-GATE WITH FOURACRES' PARALLEL VALVE-LIFTING AND OPENING GEAR.
7. SPECIMEN CAS OF BUILDING MATERIALS AVAILABLE AT DEHREE.

(I AND II).—MODEL OF SONE WEIR.

General description.—This weir, constructed at Dehree, to feed the Sone system of canals, is 2·35 miles in length, and provided with three sets of under-sluices. It is built of dry packed rubble, sloped at 3 to 1 on the up-stream, and 12 to 1 on the down-stream side, and further strengthened by two cross walls of rubble masonry 35 feet apart. The foundations of the cross walls and under-sluices rest on walls shewn in section on the model. The crest of the weir is 8 feet above the river-bed: a moveable dam two feet in height subsequently erected along the crest has been found useful in increasing the depth of the navigable pool above weir, raising the head of water for supplying the canals and preventing waste.

The discharge of the river at highest flood is 1,026,000 cubic feet per second. The lowest known discharge is 800 cubic feet per second. The head sluices of the main canals on either side of the weir are designed each to discharge 4,500 cubic feet per second. The chief crop protected is rice, and the supply during the rice season is always plentiful.

The weir took five years to build, and cost Rs. 15,35,505.

The model constructed to a scale of $\frac{1}{10}$ shews 30 feet of the weir, with crest shutters and foundations, and one under-sluice adjoining.

Each set of under-sluices forms a moveable weir, containing 22 vents (20·7 feet wide × 10 feet high). The self-acting shutters were invented by Mr. Fouracres, and the arrangement is peculiar to this weir.

The back shutter is held up by seven tension rods, the centre of pressure being below that of rotation so long as the water does not top the shutter, which will fall if the water rises above that level. It can, however, be held up against a greater head by the chains.

The front shutter is fitted with six struts, each consisting of a rod working in a wrought-iron tube, the tube being perforated so as to fill with water when down, and the head of the rod within the tube being packed with leather so as to form a piston. The packing is loose when the rod is extended, but when forced up against the pressure of the water collected in the pipe, closes tightly on the inner face of the tubing.

Any sluice being open and both shutters down, if it is desired to close it, the catch holding down the front shutter is released, and the head of the shutter, by means of the lever and pulley tackle, raised about 8 inches. The force of the stream then does the rest, the shock being modified and injury prevented by the tube and piston arrangement of the strut.

The front shutter having been raised, the back shutter is easily hauled up. The chamber thus formed by the two shutters can be filled by opening the valve in the front shutter, which last can then be easily lowered. The sluice then remains with the back shutter up and the front one down, such in most of the sluices being their usual position for the greater part of the year.

This project is designed to irrigate 1,295,924 acres, and comprises 218 miles of navigable canals, 148 miles of branch canals, and 1,075 miles of distributaries.

The designs and estimates were prepared by Mr. H. C. Levinge of the Bengal Public Works Department, and almost all the work was executed under his immediate supervision.

(III).—MODEL OF A FOURACRES' DREDGER.

This dredger was invented by Mr. Fouracres, and is extensively used on the Sone canal, having been found very efficient in dealing with the sandy deposit of Sone silt.

The model is to a scale of $\frac{1}{12}$ full size, representing a dredger of 16 cubic feet capacity swung on a portable crane and worked from a crab winch, the

power being supplied by a portable engine of 6 horse-power (not shewn), and the whole being carried on an iron barge. Other barges, about five to each dredger, on which the silt is deposited and floated off where required, complete the equipment.

To work the dredger the bucket can be brought over any required spot by means of the rack which gears on the turntable of the portable crane. It is then lowered by unwinding the main chain, the segmental jaws being kept from closing by the catch at the crown of the bucket. The jerk with which the bucket strikes the sand releases this catch, which is then carried upwards by the float attached to it, and the jaws are free to close. The long spear is now firmly jammed into the guide at the jibhead by putting the long lever attached to the latter, and the winch being simultaneously reversed, the jaws are forced into the sand till they close on each other. The spear is then released and the bucket is drawn up, the clutch collar travelling upwards till caught by the hook at the jibhead.

The bucket is now brought over the punt which is to take the silt, and the winch being a second time reversed, the jaws open and the silt is dropped.

A dredger can lift 40 to 50 bucket loads in an hour. Manned by natives only, it is considered to have done a fair day's work when it has cleared 3,000 cubic feet of silt.

The following statement shows the labour employed, and the cost of day's working:—

Labour.	Rs.	A.	P.
Driver	0	4	0
Winchman	0	4	0
Fireman	0	3	0
Gibman	0	2	6
Gipsy winchman ...	0	2	6
Coolies on punt ...	0	10	6
Cutting wood ...	0	7	6
Country boat	0	4	0
1 Boatman for country boat. ...	0	2	6
Total labour for one day ...	2	8	6

Materials.		Rs.	A.	P.
Wood	12 mds. ...	1	6	0
Castor oil	2 lbs. ...	0	4	0
Grease	1 lb. ...	0	2	0
Jute	1 lb. ...	0	1	6
Miscellaneous	...	0	2	6
Total materials for one day		2	0	0

These dredgers are made at the workshops, Dehree. The following is a memorandum of approximate cost:—

	Cost. Rs.
Bucket dredger with spear complete	400
Barge roofed and fitted complete	6,000
3-ton crane	1,000
Crab winch	350
Portable engine, 6-horse power	2,800
Gipsy winch for regulating the dredger	50
Small pontoon for steadying dredger	500
Double belting, 150 feet	600
Chain	100
Mooring piles	200
Total for one dredger fully mounted	12,000
Five mud barges (the average number kept employed by each dredger at Rs. 4,750 each)	23,750
Total for one dredger with complement of barges (5) fully equipped	35,750

Cost of dredging by different machines in Bengal.

	Cost of dredging and discharge per cubic yard.	Cost of dredging alone per cubic yard.
A.—Ladder and bucket dredger in Orissa, 94 feet long, 15½ feet beam	3·74 pence=(2 as. 3·76 pie).	
B.—Scoop dredger in Assam, 50′×13′ ...	5·53 pence=(3 as. 8·24 pie).	
C.—Ladder dredger in Orissa, 120′×18′ ...	11·22 pence=(7 as. 5·76 pie).	6·84 pence=(4 as 6·72 pie).
D.—Ladder and bucket dredger, circular canals, Calcutta	6·42 pence=(4 as. 3 36 pie).	2·62 pence=(1 anna 8·96 pie).
E.—Octopus, Calcutta	6·04 pence=(4 as. ·32 pie).	
F.—Fouracres' dredger	1·50 pence= (1 anna).	0·98 pence= (11·76 pie).

(IV)—MODEL OF A FOURACRES' SHALLOW WELL DREDGER, OR EXCAVATOR.

The method of working Fouracres' excavator is thus described by its inventor:—

The action of the shallow well or block excavator is very simple. It is slung over the well or place to be excavated or to be sunk by tackle and pulleys worked by a windlass, or any other winding apparatus, from any convenient form of staging or from a boat, barge, flat, or pontoon. If used for deepening channels, rivers, reservoirs, or harbours, it is lowered with the jaws in the open position till it rests on the bottom, the attendants (one or two) step on the platform, and one with his feet releases the spring-crank or catch. The windlass men at once wind up; but the weight of the men keeps the connecting rod and scoop from rising till the jaws have closed; it is then full of sand, gravel, mud, or other soil; then all rise together. The two men step off on the sides of the well or platform, and a full bucket rises to the level. They sway it over the sides of the well, or place being excavated, on a platform, point, or otherwise at the side of the well or place being excavated, and pull smartly at the lever, the jaws open, and the crank catch holds them so, the sand, mud, or soil falls out, and the apparatus is then lowered again and in its proper position to bite another load.

	Rs.	A.	P.
Cost of sinking 1,000 cubic feet of masonry by Mr. Fouracres' excavator; time 3 days	7	11	3
Cost of sinking 1,000 cubic feet of masonry by Jham and Driver, native method; time 26 days	63	9	0
Cost of sinking 1,000 cubic feet of masonry by Jham as per Captain Goodwyn's rate	37	9	0
Cost of sinking 1,000 cubic feet of masonry at Mohun Bridge, Grand Trunk Road, in the same district	225	2	6
Cost of sinking 1,000 cubic feet of masonry at Putroo Bridge ...	148	2	5
Cost of sinking 1,000 cubic feet of masonry at Rahary Bridge with the sand pump	65	13	11
Cost of sinking 1,000 cubic feet of masonry from Captain Cautley's Roorkey Manual of well sinking	72	10	6
Average cost of the above method	102	2	7
Average cost by "Fouracres' Excavator" for a period of three seasons, working on the River Sone, anicut foundation	7	11	3
Cost of one excavator	30	0	0

(V).—FOURACRES' AUTOMATIC DREDGER.

This dredger will sink wells to any depth, and is very easily worked. It is considered the best dredger for deep well-sinking.

(VI).—MODEL OF LOCK GATE WITH FOURACRES' PARALLEL MOTION VALVE AND OPENING GEAR.

Constructed and in use on all the Sone canal locks. The opening of the gates is effected by lever and pinion geared into a rack; the pin and socket in which the pinion revolves suits itself to any angle the gate may be in, and is a most simple and effective arrangement.

The valve is opened by a lever, pawl, and ratchet, and closes itself immediately the pawl is thrown out of gear.

The valves are attached to the gate by four parallel links. Directly the valve is lifted the pressure is transferred to the links, and the valves leave the face of the gate; hence there is no friction.

The model is constructed to a scale of $\frac{1}{12}$. This is the design of Mr. C. Fouracres.

(VII).—SPECIMEN OF BUILDING MATERIALS, &C., USED ON SONE CANALS.

DESCRIPTION. Sandstone for building (*see* specimens Nos. 1, 2, 3, 4).	Cost at Dehree per 100 cubic feet.	Cost, delivered at Arrah, East Indian Railway, per 100 cubic feet.	Cost, delivered at Dinapore, East Indian Railway, per 100 cubic feet.	Cost, delivered at Howrah, Calcutta, through Arrah, per 100 cubic feet.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rough dressed ashlar rectangular blocks, under 25 cubic feet ...	26 8 0	56 6 0	66 2 0	155 6 0
Ditto ditto, 25 to 40 cubic feet	36 4 0	66 2 0	75 14 0	165 2 0
Ditto ditto, 40 to 70 cubic feet	90 0 0	121 4 0	131 0 0	220 4 0
Ditto cut to template under 25 cubic feet ...	43 8 0	73 6 0	83 2 0	172 6 0
Ditto 25 to 40 cubic feet	60 0 0	89 14 0	99 10 0	188 14 0
Ditto, 40 to 70 cubic feet	100 0 0	131 4 0	141 0 0	234 0 0
Ornamental stones very fine dressed	130 0 0	161 4 0	171 0 0	260 4 0
Dressed paving stones (specimen No. 5)	12 10 0 per 100 s. feet.	22 1 0 per 100 s. feet.	25 5 0 per 100 s. feet.	55 0 0 per 100 s. feet.

No. 6. Specimen of limestone procurable at Murgohi, 9 miles from Dehree, cost at Dehree Rs. 7 per 100 cubic feet.

No. 7. Mortar made from kunkar lime. Memorandum of cost per 100 cubic feet as follows :—

	Rs.
50 cubic feet lime	8
100 „ pounded brick	6
Mixing	6
Cost per 100 „ mortar	20

CANAL FOUNDRY AND WORKSHOPS, ROORKEE.

SECTION B.

	Price. Local. Rs. A. P.	Exhibition. Rs. A. P.
Current meter	50 0 0	52 0 0
Hydrometer	4 8 0	5 0 0
Raingauge, ordinary (pansál)	10 0 0	11 0 0
Spirit level, 10″ surveying instrument (same) ...	5 0 0	5 8 0
Measuring chain, 66 feet, with arrows (jaríb) ...	8 0 0	9 0 0
Measuring chain, 100 feet, with arrows (jaríb) ...	10 0 0	11 0 0
Compass, magnetic, 3″, rectanglar (kutub namu) ...	8 0 0	9 0 0
Compass, magnetic, 5″, rectangular (kutub namu) ...	10 0 0	11 0 0
Compass, prismatic, and stand	45 0 0	46 0 0
Level and stands, 14″ gravatt (gravát levil) ...	220 0 0	230 0 0
Patwári's instruments, 1 set—		
(Auzár paimáish patwáriúm)—		
1 Plane table and stand (takhta musatta) ...	7 0 0	9 0 0
1 Cross staff (tipái)	1 8 0	2 0 0
1 Brass sight (shisht)	2 12 0	3 0 0
1 do. divider (parkái)	2 0 0	2 2 0
1 do. protractor, circular (nisf dáira) ...	1 0 0	1 2 0
1 Brass scale, 6″ (paimána)	0 9 0	0 10 0
1 Lead plummet (sahl)	0 2 0	0 2 6
1 Magnetic compass (kutub nama)	0 8 0	0 8 6
4 Clamps (sikanja)	0 2 0	0 2 0
1 Chain, 66 feet (*see* No. 34555) (jaríb) ...	.....	.....
1 Chain, 100 feet (*see* No. 34556) (jaríb) ...	.....	.....
Parallel ruler and box, 12″ (párlal rule)	15 0 0	16 0 0
Raingauge, self-registering (pansál)	30 0 0	33 0 0
Levelling rods, 12 feet, 1 pair (gaz levil)	10 0 0	11 0 0
Levelling rods, 10 feet, 1 pair (gaz levil)	25 0 0	28 0 0
Levelling rod, telescopic (gaz levl)	30 0 0	32 0 0

SECTION D.

Time cup (katora ghante ka)	2 0 0	2 8 0
Name plate	4 0 0	4 8 0
Form, shifting back, 7 feet (chauki)	12 0 0	16 0 0
Form, church seat, ditto (ditto vaste girja ghar) ...	16 0 0	20 0 0

SECTION G.

Signalling apparatus—		
Cryptograph (ála mukhbir)	1 4 0	1 6 0
Lamp (lump)	10 0 0	11 0 0

	Price. Local. Rs. A. P.	Exhibition. Rs. A. P.
Heliograph (áina mukhbir)	50 0 0	.....
Telescopic stand (tipái heliográf)	25 0 0	27 0 0
Spear heads, 2 (phal barchhi)	2 10 0	3 2 0
Weighing scales, 250 tolas (tarázu, 250 tola) ...	36 0 0	40 0 0
Weighing scales, 100 tolas (tarázu, 100 tola) ...	30 0 0	33 0 0
Weighing scales, 50 tolas (tarázu 50 tola) ...	7 8 0	9 0 0
Weighing scales, for letters, plain (tarázu chithi tolne ki)	6 0 0	7 0 0
Weighing scales, for letters, ornamental (tarázu chithi tolne ki)	12 0 0	13 0 0
Walking stick, horse-measuring standard (gaz ghore ki paimáish ka)	7 0 0	7 8 0
Screw jack	120 0 0	125 0 0
Pillar weighing machine (tarázu pilpáya)	85 0 0	90 0 0
Weighing scales, 1,000 tolas (tarázu 1,000 tola) ...	75 0 0	80 0 0
Bell, 24″ complete (ghanta)	350 0 0	370 0 0
Wheel, railway, chilled (pahya rail)	38 0 0	45 0 0
Weights, 1 set, maund and seer (bát)	16 8 0	18 0 0
Ditto, pound and ounces (bát)	14 2 0	16 0 0
Weights, 1 set, tola (bát)	8 7 3	10 0 0
Weighing scales, 4′ 0″ beam (tarázu)	65 0 0	70 0 0

SECTION I.

Phowrahs, 2 sizes	1 4 0 1 8 0	1 12 0 2 0 0
Plough, "Imperial" (hal)	6 0 0	7 0 0
Ditto, "Royal" (hal)	5 0 0	6 0 0
Pump, 7″ diameter, 10½ feet lift (bát)	65 0 0	72 0 0
Ditto, 5″ ditto 20 ditto (bát)	72 0 0	80 0 0

BURRAKUR IRON WORKS, BENGAL—

Cast-iron pipes from 3″ to 30″ diameter.

Cast-iron railway sleepers, Denham-Olphert's patent.

Two cast-iron pulley wheels with wrought iron arms, one 6′ and the other 9′ diameter.

Cast-iron plates; Indian iron ores; Indian pig-iron; four cast-iron pillars; four cast-iron arches.

Cast-iron railings.

COLONEL BEERESFORD LOVETT, R.E.—

Model of ferry boats and raft.

These rough models illustrate the application to native craft of the system of ferrying that is carried out on the river Rhine at Baupart, Bonne, Neiwend, &c.

The boats are anchored in mid-stream by a wire cable one and a half times the breadth of the river.

By manœuvering with the rudders and leaboards, the twin-boat raft is made to describe by the force of the current an are from bank to bank.

In the case of the single boat this object is attained by shortening or lengthening out the side chains leading from the cable to belaying bits on board.

PUNJAB NORTHERN STATE RAILWAY—

Model of Attock Bridge staging.

OUDH AND ROHILKHUND RAILWAY COMPANY—

Benares Bridge; designs and models of plant for sinking water piers.

DARJEELING AND HIMALAYAN RAILWAY—

Locomotive by Sharp, Stewart & Co.

EAST INDIAN RAILWAY—

Model of a colliery pit-head.

LOCOMOTIVE WORKSHOPS, JAMALPUR, EAST INDIAN RAILWAY—

Model of a locomotive engine applied to working paddles of a steamer.

Model of automatic points and signal; complete set of working parts of a locomotive.

MAJOR SEDGWICK, R.E.

Working Model of a Hill Railway, scale $\frac{1}{24}$th of full size on the principle of Sedgwick's Patent Hydraulic Lifts for Hill Stations.

These Lift's, in which the carriages are each furnished with tanks capable of holding several tons of water, are worked on the principle of self-acting inclines, by simply weighting the carriages at the top of the incline with water, until they are sufficiently heavy to counterbalance the load on the carriages at the bottom and overcome friction. The speed of the carriages can be accelerated during the run at curves or changes of gradient by simply running water out of the tanks of the ascending carriage in which a small supply is retained for the purpose or can be diminished by running it out from the descending carriage. Should the rope break at any time, the carriages are immediately held by the ploughs in front, which, being raised by the tension of the rope, fall directly the rope breaks, and in falling hitch a second safety rope round stout iron hooks attached to the sleepers or round posts fixed at intervals up the Lift. The safety rope is paid out from two side drums, so as to avoid bringing the carriages up too suddenly.

The Lifts can be worked with a double line of rails, and a rope down the middle of each truck, as in the model, or with a single line with a rope down each side, and a short lengh of double line to enable the carriages to pass each other in the middle of the run. They can be used with vertical shafts as well as with inclines, and can therefore be taken straight up any hillside, however steep. If, however, the vertical height exceeds 2,000 feet, the Lifts should be arranged in stages rising about 1,500 feet each. Where the ascending or descending carriages have passed the first stage, they are then made fast to the rope of the next stage, and so pass straight up or down the Lift. The tanks of the carriages are arranged in a series of steps, so as to keep the floor of each compartment in a horizontal position. The carriages can be worked in pairs; or in trains, by coupling all the ascending and all the descending carriages of a number of pairs together.

On a steep hillside it may be assumed that a weight of 5 or 6 tons of water will raise a load of two tons up any height. The Lifts being exceedingly simple in construction can be used for rough work as well as for perfectly finished lines, and can be made, if necessary, in a very rough form.

When not raising loads, these Lifts can be used, if necessary, to drive machinery by taking a rope from the main drum and putting an additional toothed wheel in or out of gearing each time a trip is made.

G. K. WINTER, ESQ., TELEGRAPH ENGINEER, MADRAS RAILWAYS, ARKONAM.

Block section complete consisting of 2 Winter's block instruments and 2 Winter's and Craik's starting semaphores, 2 counters, and 28 ebonite cells.

These will be joined up as two stations with a section of railway between them.

Winter's electrical inter-communication chains, full size on portable stand, 1 engine bell, and 1 guard van plunger.

Model of Stony and Winter's locking rail switch locks.

Model of Stony and Winter's locking bar switch locks.

Model of Stony's soorkey screen.

Stony's patent punkha wheel.

Two models of Stony's helical excavators.

One model of Stony's enlarging excavators.

One model of Stony's undercutting excavators.

GOVERNMENT TELEGRAPH DEPARTMENT WORKSHOPS, ALIPORE.

SECTION G.

Apparatus for automatic transmission of the time over 12 lines simultaneously.
Bells with relays made for the Ravi bridge.
Condensers, paraffin.
Ditto., mica.
Commutator for 16 lines.
Direct recorder for examining signallers in signalling.
Duplex apparatus for sending two messages on the same line simultaneously.
Galvanometers.
Galvanascopes.
Indicator for 6 lines.
Insulator and joint detector.
Johnston's patent telephonic apparatus.
Keys for signalling.
Keys for testing.
Lightning dischargers of different patterns.
Portable batteries for testing.
Relays of different patterns.
Receiving instruments (sounders).
Switches.
Short circuiting trembling bells.
Single stroke bells.
Samples of cables 900lb and 750lb guards.
Stays or ties of sizes.
Shunt's electromagnetic.
Telephone exchange switch with indicators for 25 lines.

THE SURVEY OF INDIA.

SECTIONS A AND B.

a.—INSTRUMENTS.

Group I. Theodolites and other instruments for celestial and terrestrial observations.
„ II. Levelling instruments.

Group III. Barometers and thermometers for geographical purposes.
„ IV. Magnetic instruments.
„ V. Signalling instruments.
„ VI. Air and current meters.
„ VII. Calculating instruments.
„ VIII. Height calculator and graticule plates.

β.—ILLUSTRATIONS OF INDIAN GEOGRAPHY, POLITICAL AND PHYSICAL.

Group I. Engraved atlas sheets.
„ II. Specimens of topographical and revenue survey maps.
„ III. Towns, cities, and sanataria.
„ IV. General and miscellaneous maps.
„ V. Maps illustrating the material progress and state of India.
„ VI. Trans-Himalayan exploration maps.
„ VII. Technical charts.
„ VIII. War maps and reconnaissances.
„ IX. Relief map of India.

γ.—SPECIMENS OF CADASTRAL MAPS.

Group I. Cadastral maps and volumes of field areas.
„ II. Cadastral maps of highly cultivated country.
„ III. Reductions from the full scale cadastral maps.
„ IV. Riverain surveys.
„ V. Village papers complete of a village in the North-Western Provinces, including the field map and the record of rights of proprietary body and of the cultivators.

δ.—SPECIMENS OF METHODS OF REPRODUCTION OF MAPS, DRAWINGS, &C.

Group I. Engraving on copper.
„ II. Lithography and chromo-lithography.
„ III. Series exhibiting processes of photo-zincography, photocollotype, and heliogravure in their various stages.
„ IV. Specimens of maps and miscellaneous subjects reproduced by the above processes.
„ V. Specimens of silver, pigment, and platino-type photographic printing.

ε.—BOOKS.

Group I. Publications of the Survey of India.
„ II. Annual reports of the Survey of India.

ς.—SOLAR PHOTOGRAPHS.

SECTION B.

MAJOR J. WATERHOUSE, B.S.C., Assistant Surveyor-General, Calcutta—Specimens of photo-mechanical printing by various processes.
GOVERNMENT PRESS, ALLAHABAD—Specimens of printing and book-binding.
STAMPS AND STATIONERY DEPARTMENT, Government of India—
Specimens of the stamps manufactured by and in use in the department.
Stamp defacing machines.

METEOROLOGICAL DEPARTMENT.

SECTION B.

GOVERNMENT OF INDIA.

Chart of average annual rainfall of India.
3 Charts of average rainfall at the principal seasons.
Chart of annual isotherms by S. A. Hill, Esq.
12 Charts of monthly isotherms.
12 Charts of monthly isobars and winds.
12 Charts of monthly cloud distribution.
Van Rysselberghe's meteorograph.
Instruments for registration of solar heat, atmospheric temperature, and humidity.
Specimens of autographic registration of temperature pressure, wind, &c.

GOVERNMENT OF BENGAL.

7 Charts of monthly average rainfall of Bengal.

GEOLOGICAL SURVEY OF INDIA.

The exhibits of this department will be found duly displayed in the north galleries of the Museum, which are appropriated to the Geological Survey, the museum being for the time a part of the Exhibition.
The exhibits comprise—
Sets of the publications of the survey.
Memoirs, 20 volumes.
Records, 16 ditto.
Palæontologia Indica, in 4th Cretaceous Fauna of Southern India, 4 volumes.
The Fossil Flora of the Gondwana system, 4 volumes.
Jurassic Fauna of Cutch, volume I.
Indian Pretertiary Vertebrata, volume I, parts 1-3.
Indian Tertiary and Post Tertiary Vertebrata, volumes I and II.
Tertiary and Upper Cretaceous Fauna of Western India, volume I, parts 1-3.
Salt Range Fossils, volume I, parts 1-4.
Manual of the Geology of India, volumes I and II, and volume III, Economic Geology,
Numerous maps.

N.B.—These maps were all published to accompany descriptive reports, hence the great riation of scale and colouring, each being independent of the rest.

All the collections of rocks, minerals, and fossils, for which catalogues or les have been published.

CORPORATION OF THE TOWN OF CALCUTTA.

SECTION C.

AGE DEPARTMENT—
ls—
10 sewer with manhole and ground ventilator.
reet gully.

Junction of main and second class sewer.
A house connection.

Diagram—

Principal main receiving sewer from river to outfall.

Photographs—

River flushing inlet.
Drainage pumping station.

Of Storm-water Drainage Works—

Three fold culvert.
Inlet sluice.
Outfall sluice—three views.
Bridges over open cut—two views.

WATER WORKS DEPARTMENT—

Models—

Head works at Pulta.
Section of filter bed.

Diagram—

A pumping engine.

Photographs—

Panoramic view of head works at Pulta.
Settling tanks at Pulta.
Pumping-station at Tallah.
Ditto at Wellington Square.
Ditto at Mullick's Ghat—two views.

MISCELLANEOUS—

Photographs—

Municipal workshops—three views.
Ditto slaughter-houses.
Ditto market.
Ditto offices.

BENGAL JAILS.

SECTION B.

PRESIDENCY JAIL.

Stereotype plates, in ordinary use, comprising—6 plates Bengal Chalans; 6 plates Assam Chalans; 1 plate form of Table of Prison Statistics for Bengal; 8 plates Sanitary Primer in the new Kaithi-Nagri character; 4 plates Gazette matter in English, Bengali, Kaithi-(Nagri, and Urdu; 4 cheque blocks of Matabhangah Pass.

Quotations and French *metal furniture.*

Chases, six.

Electro plates, comprising 4 plates cheque forms of the Accountant-General, Bengal; 8 plates cheque forms in use in Bengal municipalities; 4 plates Sanitary Primer in English; 4 plates Grounds for Salt Boat Note forms; 4 plates Grounds for Cheque forms; 12 blocks of Cheques, 7 blocks of Gazette headings; 1 plate book cover; 40 pieces French rule; 1 block Royal Arms 2 blocks certificate diagram.

Quotations and French *metal furniture.*

Chases, seven.

SECTION C.

ALIPORE JAIL.

Watering cart.

SECTION D.

ALIPORE JAIL.

Portable invalid couch.
Easy chair.
Water clock.

ALIPORE REFORMATORY SCHOOL.

Teapoys, 1 pair.
Tin cabinet.
,, writing case
Cane chairs, 2.

BHAGULPORE CENTRAL JAIL.

Carpets—

Persian A pattern, 10′ × 12′ × 8′ × 10′, 7′ × 4′, respectively and of different textures.
Persian B pattern ditto ditto.
Ditto ditto (Agra border) ditto ditto.
New shawls ditto ditto ditto ditto.
Old ditto ditto ditto ditto ditto.
Subjee ditto ditto ditto ditto ditto.
Persian shariji pattern (Hyderabad border) ditto.
Purdah pattern 6′×3′ and 4½′×2′, of 10 and 12 stitches to the inch respectively.
Indian cane pattern, 8′×10′ and 7′×4′ respectively.
Tents.

CUTTACK JAIL.

Table-cloths.
Napkins.

HAZARIBAGH CENTRAL JAIL.

Carpets—

12′×15′ New shawl pattern, fine wool.
12′×15′ Persian ditto ditto.
12′×15′ Yarkandi ditto ditto.
12′×15′ Ditto ditto, coarse wool.
10′×14′ Persian ditto ditto.
8′×12′ New shawl ditto ditto.

The carpets are made in this jail entirely by prisoners, under the management of Mr. Pimm, the Jailor. The yarn is procured ready spun from the jail at Bhagulpore, and the cotton for the warps from the Ghoosery Cotton Mills, Calcutta. The dyeing of the wool is also done in this jail by prisoners, without any extraneous aid, the dyers being all taught their work in the jail. The dyes used are all vegetable dyes, with the exception of sulphate of iron, which is used in the blacks together with the hurra nut.

The names of the principal dyes are lac-dye, indigo, turmeric, pysar wood, vackum wood, polas flower, lode, hurra, jungal, crimadana; oil, sugar and flour are also used. Cream of tartar, alum, muriatic, sulphuric, and tartaric acids are used as mordants.

Aloe matting—
Black and white check borders, 1 roll, 34 yards × 2′.
Ditto, brown and white checks, 1 roll, 34 yards × 3′.
Fancy colours, purple stripes, 1 roll, 34 yards × 3.′
Ditto, green do., 1 roll, 36 yards × 3′.

Aloe door mats—
3 6″ × 1′ 9″ black border, brown centre.
Ditto, one-half diamond and green border.
Ditto, fancy striped borders.

MIDNAPORE JAIL.

Purdahs—
Prince of Wales' pattern.
No. 3 ditto.
No. 5 ditto.
No. 17 ditto.
Roman scarf ditto.
Lucknow ditto.
Italian ribbon, red ground.
Ditto blue do.

These purdahs are woven on fly-shuttle looms worked by manual labour of male prisoners in the Midnapore Jail, who have been taught the work while in jail. There is a large demand for these purdahs in Calcutta and in other stations where Europeans reside. The richer natives also purchase them.

Table cloth—
Diamond pattern.
Flower do.

Table napkins—
Diamond pattern.
Flower do.
Dusters—Red border, fine.
Coir mats—Door mats of different varieties.

Coir brush-mats made by manual labour from Maldive fibre purchased in Calcutta and from country fibre prepared in the jail. Nearly all the prisoners are employed in the manufacture of these mats, which sell at a good price in England as well as in Calcutta.

Coir matting, 5 rolls.

Coir matting is woven in large looms worked by the manual labour of several male prisoners who have learnt the work in jail. The raw material is purchased in Calcutta. The mats and matting are in great demand for covering the floors of passages, stair-cases, &c. The principal purchasers are Europeans and the richer class of natives.

RAJSHAHYE JAIL.

Colored cotton window curtains.
Colored door purdahs.
Cane chairs (Sutherland, Lady Mayo, and Bauleah patterns).
Cane waste-paper basket.
Cane tea-table.
Russa Female Jail—Fancy purdahs.

SECTION E.

ALIPORE JAIL.

Gunny-cloth and gunny-bags.

BHAGULPORE CENTRAL JAIL.

Fine Australian pilot blue cloth.
Ditto ditto brown do,
Ditto ditto claret do.
Medium pilot cloth, blue and red.
Coarse ditto, blue and black.
Fine white blankets,
Black horse blankets, 8′ × 7′, weighing 8 lb.
Grey ditto, ditto.
Do. servants' blankets, 7′ × 4½′, weighing 4 lb.
Do. coolie ditto ditto ditto 3 ,,
Do. do. ditto 6′ × 4′½, ditto 2½ lb.
Oxford cloth.
Ditto, different quality.

BUXAR CENTRAL JAIL.

Towelling.
Sheeting,

Specimens of the different kinds of uniforms made in the jail and supplied to the Police and Jail Departments.

Specimens of the different kinds of clothing made in the jail for the use of prisoners.

CUTTACK JAIL.

Towels.
Sheets.

MIDNAPORE JAIL.

Bathing towels, zig-zag pattern,
Ditto, diamond do.
Hand towels, zig-zag do.
Ditto, diamond do.
Ditto, square do. red border.

RAJSHAHYE JAIL.

Twilled silk and cotton cloth,

RUSSA FEMALE JAIL.

Towelling.
Horse clothing.

SECTION F.

BHAGULPORE CENTRAL JAIL.

Samples of wools used in making carpets.
Specimens of wools used in different stages of manufacture.
Specimens of dyed yarn.
Ditto of dye stuffs used in dyeing wool.

CUTTACK JAIL.

Specimens of coir string.

HAZARIBAGH CENTRAL JAIL.

Aloe fibre, combed.
Do., uncombed, selected leaves.
Do., do., ordinary do.
Do., coloured.

The aloe fibre is obtained from the plant *Aloe Americana*, which grows wild in many places in this district. Nearly 300 acres have been planted by this jail. Process of manufacture: The leaves are cut and brought into the jail; they are then put through a crushing machine invented by Mr. Pimm, which extracts the juice; they are then beaten by wooden mallets on stones until all the bark and woody matter is nearly cleaned out of them; they are then taken outside to a tank, and further beaten and washed till the fibre is tolerably clean and white. If allowed to remain long after being cut, the fibre will be of a dirty brown colour. It requires great care to clean it and keep its colour. The fibre is spun into twine and made into string: long warps are made of this, 100 to 150 feet in length and woven into matting. It also makes excellent rope, equal to Manilla. The matting is strong, durable, and far superior to coir.

SECTION G.

ALIPORE JAIL.

Oil mill, jail pattern.
Iron oil drum with screw cap.

BUXAR CENTRAL JAIL.

Indigo-pressing cloth.

GOVERNMENT HARNESS AND SADDLERY FACTORY, CAWNPORE.

ACCOUTREMENTS, VALISE EQUIPMENT PATTERN, 1882, ONE SET—

This is a set of the latest pattern of Valise equipment accoutrements as worn by British soldiers.

ACCOUTREMENTS, EXPERIMENTAL NATIVE INFANTRY NO. I, ONE SET—

This pattern of accoutrements for Native Infantry has now been disapproved.

ACCOUTREMENTS, EXPERIMENTAL NATIVE INFANTRY NO. II, ONE SET—

This pattern of accoutrements for Native Infantry is now under trial, and will, it is believed, be the future pattern for the Native Infantry.

APPOINTMENT AND TOOLS, PIONEERS CAVALRY—

Cases, leather, brown, hand axe, with pocket for 18 nails.
Ditto, ditto, holsters, near for augur and detonators.
Ditto, ditto, holsters, off for gun cotton and angur-handle.
Ditto, ditto, saw and file with two pockets, one for saw set and rule, and one for pincers, with strap for shovel.
Cases, leather, brown, with straps, pick-axe, shovel.
These are for Pioneers of Cavalry Regiments.

SMALL ARMS—

Scabbards, bayonet, common, interchangeable rifle, breech-loading Martini-Henry, long mark II.—This is made entirely in the Government Harness and Saddlery Factory, Cawnpore, and is used by British troops.

HARNESS AND SADDLERY HARNESS, GENERAL SERVICE AND SADDLERY, UNIVERSAL—

Harness sets, complete, lead near off.—A set of lead harness as used with the Artillery.
Harness sets complete, wheel near off.—A set of wheel harness as used with the Artillery, costing about Rs. 70 for head and 85 for wheel sets.
This is entirely made in the Cawnpur Harness and Saddlery Factory. The leather is prepared in the tannery attached to the factory, and all components are made in the factory.

HARNESS AND SADDLERY, EXPERIMENTAL (FOR HUNGARIAN SADDLES)—

This is a set of harness for Hungarian saddle.

HARNESS AND SADDLERY, EXPERIMENTAL—

Saddles, Hungarian, complete.—These are made from drawings obtained at Berlin and Vienna. The tree is of Indian Bair wood, *Sisiphus jujuba*. The arches are thronged on to the bars, and one saddle is without numnah, as worn by the Russian army; one with felt numnah or pannel, as worn by the Austrian army. The components are modified to suit Indian service and Indian horses.

HARNESS AND SADDLERY, SADDLETREES AND PARTS OF—

Saddletrees, complete (with angle-iron arches) with iron arches universal.—This is an angle-iron arched saddle tree prepared in lieu of the present flat iron arched saddletree.

MISCELLANEOUS—

	lbs.
Glue, Cawnpore Harness Factory	4
Hides, buffalo, tanned and curried, half hides	34
Hides, buffalo, tanned and curried, skirts	18
Hides, buffalo, tanned butts	34
Ditto, ditto and curried, black, waxed	10
Hides, buffalo, tanned and curried, belt butts	23
Hides, buffalo, tanned and curried, engine hose	18
Hides, cow, tanned and curried, hides	37
Ditto, ditto ditto, for shoes	9
Hides, cow, tanned and curried, bags, ammunition	15
Hides, cow, tanned and curried, collar lining	8
Hides, cow, tanned and curried, black-grained	14
Hides, cow, tanned and curried, black-waxed	36
Skins, goat, tanned and curried	...
Ditto, ditto ditto, coloured	...
Ditto, sheep, ditto ditto	...

These are samples of the leather manufactured at Cawnpore and of the ordinary buffalo and cow hides of the North-Western Provinces, both tanned and curried at the factory.

Frames, wood, for samples of leather (with samples).—This illustrates the different processes of manufacture of leather.

Boxes, wood, with tin fittings (with samples).—Contains samples of tanning and dyeing materials, &c.

Gauges, plough (leather). This leather is for use in gunpowder mills.

BARRACK AND HOSPITAL STORES—

Table leather, rhinoceros—Samples of rhinoceros leather before currying. The rhinoceros was killed in Assam by Colonel Earle, late Military Secretary to Lord Northbrook.

FOREST DEPARTMENT, ANDAMANS AND NICOBARS.

SECTION F.

MEASUREMENTS OF EXHIBITS.

	Length. Ft.	Siding In.
Pterocarpus Indica—		
Padouk	45	24
Do.	41	22
Do.	40	19
Do.	39	19
Artocarpus lacûcha—		
Lacûch, Berâr, Myouk-lôt	34	12
Mimusops indica—		
Mowha, 'Bulletwood'	41	18
Do. do. (sleeper)	10	10 by 5.
Mesua ferrea—		
Gangaw, 'Ironwood'	42	17
Do. do. (sleeper)	10	10 by 5.
Hopea odorata—		
Thingan (white)	45	17
Lagerstroemia flos reginæ—		
Pyimma, Jarûl, Kadali Pua, Nali Dasal ...	45	18
Artocarpus chaplasha—		
Chaplash, Toungpoung, 'wild Jack'	43	18
Podocarpus latifolia—		
Thitmin	24	12
Albizzia lebbek—		
Koko, Siras	42	17
Diospyros Kurzii—		
'Marble-wood'	7	8
Murraya exotica—		
'Satin-wood'	4	3½
Heterophragma adenophyllum—		
Potthan	4	4 by 2½
Terminalia bialata—		
Thit loetpya (Bur.) 'Chugalam'	47	17

PTEROCARPUS INDICA (NOS. 1 TO 4).

Padouk (Bur.).

COLOR.—From the colour of cedar to that of dark mahogany; frequently deep scarlet

PERFUME.—The same as rosewood.

TEXTURE.—Dense, with scattered pores, much as in American hickory, but somewhat coarser. Saws, planes, bores, turns, and steams well.

SEASONING.—Shrinks very little. Does not expand subsequently with moisture as do teak and most woods. Neither cracks nor warps.

DURABILITY.—Exempt from the attacks of termites and all xylophages except *teredo navalis* and from every kind of rot.

WEIGHT.—Cubic foot weighs 48 to 50 lbs. (seasoned), or about the same as oak.

STRENGTH.—Nearly the same elasticity, toughness, and hardness as American hickory. May be worked into the smallest scantling without the disproportionate loss of strength which teak suffers.

USES.—All the purposes to which teak, mahogany, hickory, ash and oak are applied, esp. fine constructions of unpainted woods, as in tramcars. Also for gun-carriages and parts of machines and implements.

SIZE.—Length of squares up to 60 ft.; siding up to 3 ft. Plentiful in the Andamans.

ARTOCARPUS LACUCHA (NO. 5).

Lakuch, Dhaw Berar, Myouk-lok. (Bur).

COLOR.—Uniformly an ochre yellow, deepening to brown on exposure.

TEXTURE.—Close but not dense, with pores like those of padouk but more abundant. Difficult to saw on account of a resinous substance which the heat extracts; planes and bores well.

SEASONING.—Loses a little weight, but appears to suffer no other change in the process.

DURABILITY.—Exempt from the attack of termites and all land xylophages Not yet tested against *teredo navalis.*

WEIGHT.—Cubic foot weighs 45 to 48 lbs. (seasoned), or about the same as light mahogany.

STRENGTH.—The same toughness and hardness as ash, with less weight. The only light wood of India which is very strong.

USES.—The timber being rare in the older provinces has attracted little attention. In Port Blair, it has proved superior to all timbers, native and imported.

SIZE.—Length of squares up to 45 ft.; siding up to 1 ft. 6 inches. Plentiful in the Andamans.

MIMUSOPS INDICA (NOS. 6 & 7).

MOWHA, "BULLET-WOOD."

COLOR.—A uniform madder brown.

TEXTURE.—Dense. Hard to saw until seasoned; planes well; takes an augur. Resists nails.

SEASONING.—Apt to split and crack, if exposed to heat green. Best seasoned standing, by 'girdling' or dividing the sap-wood and felling a year or two after the tree has died. When seasoned, perfectly trustworthy.

DURABILITY.—Resists termites and all xylophages except *teredo navalis,* and every kind of rot.

WEIGHT.—Cubic foot weighs 60 to 70 lbs. (seasoned), or about the same as lignum vitæ.

STRENGTH.—Very great.

USES.—Chiefly for railway sleepers; also for piles and for house posts.
SIZE.—Length of squares up to 50 ft.; siding up to 2 ft.
Plentiful in the Andamans.

MESUA FERREA (Nos. 8 & 9).

GANGAW (BUR.), NAGASAR (BENG.), (IRON-WOOD).

COLOR.—As the preceding.
TEXTURE.—Very dense, with abundant fine pores; medullary ray just perceptible. Saws well when seasoned; planes well; takes an augur. Resists nails.
SEASONING.—As the preceding.
DURABILITY.—Ditto.
WEIGHT.—Cubic foot weighs 70 to 75 lbs. (seasoned).
STRENGTH.—The same as that of sâl.
USES.—The same as the preceding.
SIZE.—Length of squares up to 60 ft.; siding up to 2 ft.
Plentiful in the Andamans.

HOPEA ODORATA (No. 10).

THINGAN (WHITE) (BUR.).

(The red variety is inferior.)

COLOR.—The same as beech.
TEXTURE.—Very dense, with scattered coarse pores; saws, planes and bores well.
SEASONING.—Varies: the timber of some trees showing no disposition to warp or split, that of others requiring considerable care.
DURABILITY.—Resists xylophages and rot in a high degree, but not absolutely.
WEIGHT.—Cubic foot weighs 60 to 65 lbs. (seasoned), or the same as beech green.
STRENGTH.—Much harder and tougher than oak.
USES.—Preferred by the Burmese for boat hulls, because it steams well, stands exposure to heat and wet, and to the roughest usage, for which reason in particular it lasts longer in a boat than teak. It is eminently suited for ships blocks, bits, capstan-bars, and the like.
SIZE.—Length of squares up to 60 ft.; siding up to 2 ft. 6 in.
Plentiful in the Andamans.

LAGERSTRŒMIA FLOS REGINÆ (No. 11).

PYIMMA (BUR.), BUNGAR, JARUL, NALI DASAL, KADALI PUA, WUNGA, &c.

COLOR.—The same as that of cedar.
TEXTURE.—Close, with abundant fine pores distributed like those of ash. Saws, planes, and bores well.
SEASONING.—Seasons well, neither warps nor cracks; shrinks little.
DURABILITY.—Not subject to the attack of xylophages other than termites, and seldom attacked even by them. Exempt from dry rot; withstands the effect of confined moisture for years.
WEIGHT.—Cubic foot weighs 46 to 48 lbs. (seasoned), or somewhat less than ash.
STRENGTH.—About the same as that of American birch.
USES.—General building purposes. Shingles of this timber, earth-oiled or tarred, are equal to the best; similarly sleepers. Also for felloes and spokes of wheels, &c.
SIZE.—Length of squares up to 60 ft.; siding up to 3 ft.
Plentiful in the Andamans.

ARTOCARPUS CHAPLASHA (No. 12).

CHAPLASH, TOUNGPŒNG (BUR), 'WILD JACK.'

COLOR.—A faint yellow.
TEXTURE.—Somewhat open, with abundant large pores. Saws readily and planes smooth. Steams well.
SEASONING.—Seasons quickly. Neither cracks nor warps; shrinks little.
DURABILITY.—Proof against wet and dry rot. Is not attacked by xylophages except termites, and seldom by them.
WEIGHT.—Cubic foot weighs 44 to 43 lbs. (seasoned), or about the same as deal.
STRENGTH.—Between deal and birch.
USES.—For boat building, especially lighters and for general carpentry. Also for tea-boxes, &c.
SIZE.—Length of squares up to 60 ft.; siding up to 3 ft.
Plentiful in the Andamans.

PODOCARPUS LATIFOLIA (No. 13).

THITMIN (BUR.).

COLOR.—Somewhat darker than deal and lighter than birch.
TEXTURE.—Almost as fine as true cedar; works up beautifully.
SEASONING.—Appears to suffer no change beyond slight loss of weight. Desiccates completely.
DURABILITY.—Proof against dry rot. Prone to the attack of various xylophages.
WEIGHT.—Cubic foot weighs 42 to 45 lbs. (seasoned), or about the same as memel pine.
STRENGTH.—The same as cedar, but not quite so brittle.
USES.—For oars and spars. General carpentry (except fixtures). Straight-edges and squares. Fine tea-boxes.
SIZE.—Spars up to 60 feet, tapering from 18 inches to 10 inches.
Plentiful in the Andamans.

ALBIZZA LEBBECK (No. 14).

KOKO (BUR), SIRAS (N.-W. P.), SIRISHA (BENG.).

COLOR.—The same as walnut.
TEXTURE.—Similar to that of walnut, but the pores coarser. Works up well.
SEASONING.—Seasons well.
DURABILITY.—Exempt from dry rot. Prone to the attack of termites.
WEIGHT.—Cubic foot weighs 45 to 46 lbs. (seasoned), or little more than walnut.
STRENGTH.—The same as walnut.
USES.—As a substitute for walnut in the subordinate parts of walnut furniture, such as backs of wardrobes, sides of drawers, &c.
SIZE.—Length of squares up to 50 feet; siding up to 3 feet.
Plentiful in the Andamans.

DIOSPYROS KURZII (No. 15).

"MARBLE-WOOD."

COLOR.—Ebony, with streaks of light umber and gray.
TEXTURE.—The black of the texture of ebony, the light streaks of the texture of hornbeam.

SEASONING.—Difficult. The wood shrinks and warps.
DURABILITY.—The black veins resist decay as ebony does. The light-coloured part is also durable under ordinary conditions.
WEIGHT.—Cubic foot weighs 65 to 68 lbs. (seasoned), or the same as ebony.
STRENGTH.—The same as ebony.
USES.—For ornamental purposes, for sticks, frames, and cabinet work, especially for panels, &c., in conjunction with plain ebony.
SIZE.—Length of squares up to 20 feet; siding up to 12 inches.
Plentiful in the Andamans.

MURRAYA EXOTICA (No. 16).

MEH-KEH (BUR.), 'SATIN-WOOD.'

(Not the 'Satin-wood' of Ceylon.)

COLOR.—The same as box.
TEXTURE.— Ditto , but longer in the grain. Turns well.
SEASONING.—Requires care. After seasoning, not liable to crack or warp.
DURABILITY.—Not tested, but, in all probability, great.
WEIGHT.—Cubic foot weighs 70 to 75 lbs. (seasoned), or about 20 per cent. more than box.
STRENGTH.—Very great.
USES.—For the same purposes as box.
SIZE.—The same as box, but straighter—viz., up to 10 inches diameter and 12 feet length.
Plentiful in the Nicobars.

HETEROPHRAGMA ADENOPHYLLUM (No. 17).

PETTHAN (BUR.).

COLOR.—A deep ochre yellow, turning orange on exposure.
TEXTURE.—Close and even. The medullary rays sometimes just discernible; at others, beautifully variegating the grain. Works well.
SEASONING.—Does not shrink perceptibly. Neither warps nor cracks.
DURABILITY.—Not tested.
WEIGHT.—Cubic foot weighs 48 to 50 lbs. (seasoned), or about the same as oak.
STRENGTH.—About that of hornbeam.
USES.—Cabinet-work.
SIZE.—Heart-wood not above 10 inches diameter. (Sapwood also very fine.) Straight lengths up to 20 feet.
Somewhat rare in the Andamans.

TERMINALIA BIALATA.

THIT LŒT-PYA (BUR.), 'CHUGALAM.'

COLOR.—The colour of old oak, variegated with that of dark walnut.
TEXTURE.—Close, with scattered pores like those of oak. Works up and polishes beautifully.
SEASONING.—Difficult.
DURABILITY.—Good, under ordinary conditions.
WEIGHT.—Cubic foot weighs 50 to 53 lbs. (seasoned).

STRENGTH.—About the same as oak.
USES.—Cabinet-work.
SIZE.—Length of squares up to 60 feet; siding up to 30 inches.
Abundant in the Andamans.

GOVERNMENT SCHOOL OF ART, CALCUTTA.

STUDIES FROM LIFE IN OIL COLORS.

A Bengali priest worshiping Shalgram, with all the appurtenances necessary for the pujah of the Deity. By Hurry Narain Bose.
Ditto ditto. By Hem Chunder Dutt.
A fakir with a sacred bull of Boyddonath. By Hurry Narain Bose.
Ditto ditto ditto. By Jadub Chunder Chuckerbutty.
Ditto ditto ditto. By Hem Chunder Dutt.
Bengallee old woman—Bystobee. Jadub Chunder Chuckerbutty.
Jhakka moteah. By Jadub Chunder Chuckerbutty.
A boy, native of Gya. By Naraindas Mittra.
Ditto. By Nittokally Mukerji.
The head of a Bengalee Brahmin. By Jadub Chunder Chuckerbutty.
Ditto Ooriah Mallee. By ditto.
Ditto Beharee, farash. By Hurry Narain Bose.
Ditto Gossain of Shaytoo Bund Ramessur. By Naraindas Mittra.
Ditto ditto. By Nittokally Mukerji.
Ditto Gossain of Benares. By Digbejoy Neugi.
Ditto ditto. By Nittokally Mukerji.
The head of a Bengali Brahmin. By Naraindas Mittra.
Ditto ditto. By Digbejoy Neugi.
Ditto ditto. By Nittokally Mukerji.
Ditto Durwan, native of Gya. By ditto.

STUDY FROM NATURE IN OIL COLORS.

A trunk of a tree. By Gopal Chunder Kurmokar.

STUDIES OF LIFE IN WATER COLORS.

A Kaoorwallah. By Hurry Narain Bose.
Ditto. By Hem Chunder Dutt.
A Bawool. By Hurry Narain Bose.
Ditto. By Hem Chunder Dutt.
Flute-player. By Hurry Narain Bose.
A minstrel of Madras. By Hem Chunder Dutt.
Sunnyassee. By Hurry Narain Bose.
Two minstrels of Madras. By Hem Chunder Dutt.
Bengali boy. By ditto.
The head of a farash, native of Gya. By Jadub Chunder Chuckerbutty.
Ditto. By Hem Chunder Dutt.
Ditto of a Bengali Mahomedan woman. By ditto.
Ditto ditto. By Jadub Chunder Chuckerbutty.
Ditto Bhagulpore farash. By Hurry Narain Bose.
Ditto Bengali Mahomedan duftry.

STUDY OF STILL LIFE IN WATER COLORS.

Still life. By Hurrydas Pal.
Ditto. By Gopal Chunder Karmokar.

STUDIES FROM LIFE IN SEPIA.

One frame, containing 3 studies in sepia.
Ditto ditto 3 ditto ditto.
Ditto ditto 3 ditto ditto.

STUDIES FROM NATURE IN SEPIA.

One frame containing one study.
Ditto ditto ditto.

STUDIES OF FIGURES IN SEPIA.

One frame, containing 3 studies from statues.
Ditto ditto 2 ditto busts.
Ditto ditto 3 ditto antique casts.
Ditto ditto 1 ditto ditto.
Ditto ditto 1 ditto ditto.

STUDIES OF FLOWERS AND FRUITS FROM NATURE IN WATER COLORS.

One frame, containing 5 studies of flowers from nature.
Ditto ditto 3 ditto fruits ditto copies.

STUDIES FROM LIFE IN GRAYONS.

One frame, containing 3 studies of heads from life.
Ditto ditto 3 ditto ditto.
Ditto ditto 3 ditto ditto.

STUDIES FROM BUSTS AND CASTS IN CRAYONS.

One frame, containing 4 studies from busts.
Ditto ditto 1 ditto ditto.
Ditto ditto 2 ditto ditto.
Ditto ditto 2 ditto ditto.
Ditto ditto 2 ditto casts.
Ditto ditto 2 ditto ditto.
Ditto ditto 2 drawings from copies.

DESIGNS OF TEXTILE MANUFACTURE IN WATER COLORS.

One frame containing 7 specimens of gold embroidery.
Ditto ditto 8 ditto silk ditto.

DECORATIVE SPECIMENS IN TEMPERA COLORS.

One frame, containing speeimens of decorations.
Ditto ditto ditto ditto.
Ditto ditto ditto ditto.
Ditto ditto ditto ditto.
Ditto ditto ditto ditto.
Ditto ditto ditto ditto.

COPY OF PICTURES IN WATER COLORS.

Portrait of His Grace the Archbishop Gregory, enlarged and copied from a photograph, by J. C. Lucas.
Abraham family enlarged and copied from photograph. By ditto.
The violinist, copy from an oil-painting in the Government Art Gallery, Calcutta. By ditto.

ARCHITECTURAL AND MECHANICAL DRAWINGS.

Different orders of Architecture.
Mechanical drawings from models.
Ditto ditto copies.

SPECIMENS OF LITHOGRAPHY.

One frame containing 2 specimens of chalk work.
Ditto ditto 2 ditto ditto.
Ditto ditto 4 ditto brush work.

SPECIMENS OF WOOD ENGRAVING.

One frame containing 6 specimens of wood engraving.
Ditto ditto 6 ditto ditto.

SPECIMENS OF REPOUSSE WORKS.

Two large plates.
Small lota (gelass).

SPECIMENS OF MODELLING.

One model from life in clay.
Ditto ditto ditto.
Ditto ditto ditto.
Ditto of a foot ditto.
Ditto of a leaf ditto.
Ditto of Rai Kannyelal Dey Bahadoor, from life, plaster of Paris.
Ditto of a cooly from life, ditto.
Ditto of a foot in plaster.
Ditto ditto ditto.
Ditto of a hand ditto.
Ditto ditto ditto.
Ditto of a leaf ditto.
Ditto ditto ditto.
Ditto ditto ditto.
Bas relief.
Ditto.
Ditto.
Ditto.
Original design of Kubira worshipping the goddess Durga.
Goddess Urnapoorna.
Casts of door sills of the ancient city of Gour. Executed for the Kensington Museum.

SPECIMENS OF POTTERY WORKS (TERRACOTTA).

One flask.
One bracket (large).
Ditto (small).
Ditto vase with figures.
One ditto, large, with scrolls and figures.

SPECIMENS OF CARVING.

Cabinet panel carved with designs of Hindu gods representing the ten avatars of Vishnu.

SIR JAMSETJI JIJIBHAI SCHOOL OF ART, BOMBAY.

First grade model drawing. By Atmaram Moreshwar. Specimens of drawing done by pupils in day schools.
Ditto by Vinayak Keshav Joshi.
Ditto by Shamji Tribhuwanj.
Ditto by Luxuman Basápa.
Ditto by Dhanji Dhak.
Ditto by Martand Káshináth.
First grade free hand drawing, by Ganesh Raghunáth.
Ditto by Ganpat Jaggannath.
Ditto by Shiváji Kalianji.
Ditto by Atmáram Moreshwar.
Ditto by Trimbak Sakárám.
Ditto by Ratanshaw Pestomji.
Ditto by Wasudev Vinayak.
Ditto by Vinayak Keshav.
Ditto by Sadashivá Pándurang.
Free hand outline from flat example, by Ganpat Kedári.
Model drawing, by Rávji Keshav.
Geometry, by Krishnaráv Bhái.
Perspective linear, by Báláji Ragunáth.
Orthographic projection, by Ranmal Lira.
Outline ornament low in relief from the cast, by M. Lopis. Cast of a portion o modding pilaster.
Ornament shaded from the cast, by Rávaji Keshav. Cast of large scroll, fror the Forum of Trajan.
Foliage drawn from nature, by Shripat Ganpat.
Foliage from nature in oil color, by D. F. DeMelo.
Ditto by Ganpat Kedari.
Ditto by D. F. DeMelo.
Ditto ditto.
Ditto by S. H. deN. Mascarhanas.
Details of portions of a native house, by M. P. Mosquito.
Ditto by Sorabshaw Dinshaw.
Ditto by M. P. Mosquito.
Ditto by Sorabshaw Dinshaw.
Ditto ditto.
Ditto ditto.
Ditto by M. P. Mosquito.
Ditto ditto.
Ditto by Babaji Bhiwa.
Ditto by Sorabshaw Dinshaw.
Study from cast in sepia, by Keshav Morar.
Study from the antique, by Dinshaw Bomanji.
Ditto by D. F. DeMelo.

Study from nature, bust of a gosávi, by Mancherji Merwanji.
Ditto by Mádhavrav Moraba.
Ditto by Ganpat Kedári.
Ditto by Tukárám Ramkrishna,
Study from nature in sepia, head of a gosávi, by Krishnarav Bhái,
Study from the antique, by Mádhavrav Moroba.
Modelled from nature, by Ranmal Lira.
Ditto by Jiva Kurji.
Modelled from photograph, Ditto.
Ditto Ditto.
Modelled from cast, by Ranmal Lira.
Modelled from the life, head of a Mogal, by Omrasi Narsi.
Head of a gosávi, by A. R. Carvalho.
Ditto Ditto.
Head of a Mahomedan, by Jiva Kurji.
Head of a Mahomedan, by Rájárám Bápuji.
Photograph of decorative details for some of the public buildings in Bomba designed and modelled in the School of Art, by students of the Scho of Art.
Ditto.
Ditto,
Ditto.
Ditto.
"Painted from the life, gosávi," by Ganpat Kedári.
"Maratta women," by Ganpat Kedári.
"Head of a fakir," by Chiranjilal Dunichand.
"Head of a gosávi," by Chiranjilal Dunichand.
Ditto by D. F. DeMelo.
Design. For pierced marble window, School of Art, Bombay, by Ranmal Lir Drawn and designed for pierced marble window in the Chhatri, which now being erected by order of His Highness the Thákur Sáheb of Bhá nagar, from designs by J. Griffiths, Esq., Superintendent of the School Art, Bombay. The work is being carried out under the superinte dence of R. Proctor Sims, Esq., C.E., the State Engineer.
Ditto.
Ditto.
Parsi lady sewing, by Pestonji Bomanji, Head Draftsman, Ajanta Caves, Fard pore *vid* Shendurni, post, Khandesh, through Pachora. Price, Rs. 500.
Parsi lady feeding a parrot ditto Price, Rs. 300.
Bhil smoking ditto Price, ,, 200.
Oil-paintings, by P. B. Cama, 4, Gowallia Tank Road, Bombay.
The Hooghly Bridge, Calcutta.

View of Bombay Fort from Malabar Hill.				Price, Rs.	275
View of Maca	...	...	...	,, ,,	175
Ditto	...	...	...	,, ,,	100
Ditto	...	...	...	,, ,,	100
Ditto	...	...	...	,, ,,	75
Ditto	...	...	...	,, ,,	40
Ditto	...	...	...	,, ,,	50
Ditto	...	...	...	,, ,,	25
Ditto	...	...	...	,, ,,	20
Ditto	...	...	...	,, ,,	75
Ditto	...	...	...	,, ,,	35
Ditto	...	...	...	,, ,,	45
Ditto	...	...	...	,, ,,	15
Ditto	...	...	...	,, ,,	15

AGRICULTURAL IMPLEMENTS COLLECTED BY THE GOVERNMENT OF INDIA IN THE REVENUE AND AGRICULTURAL DEPARTMENT.

AGRICULTURAL IMPLEMENTS OF BENGAL.

Plough, used in the Presidency Division, collected by Babu T. N. Mukharji.
Yoke for ditto, collected by ditto.
Rake (*bide*), used in ditto, collected by ditto.
Harrow (*mai*), used in ditto, collected by ditto.
Ditto, large, ditto ditto.
Hook, ditto ditto.
Sickle, ditto ditto.
Weeder (*nirán*), ditto ditto.
Bill-hook, ditto ditto.
Kural, or instrument for scraping and collecting earth, presented by Babu Kirtti Chandra Chaudhuri, Talukdár of Purulia, Manbhum.
Plough, presented by ditto.
Harrow, presented by ditto.
Yoke (*joyál*), presented by ditto.
Da and axe, used in the *joom* system of cultivation, sent by the Chittagong Local Committee.
Spinning wheel (*charká*), sent by ditto.
Cotton grinder (*charki*), sent by ditto.
Nata or implement used in taking out cotton thread from the spinning wheel, sent by ditto.
Spade (*kodál*), sent by ditto.
Sickle (*káchi*), sent by ditto.
Plough, sent by ditto.
Harrow, sent by ditto.
Yoke, sent by ditto.
Maidara, sent by ditto.
Bow (*dhanu*), used in preparing cotton for spinning after the seeds are taken out.
American D. E. plough, modified under the direction of A. Weekes, Esq., Collector of Purnia, who states:—"This is a very effective and light plough. I have had it made with one handle (2) handles being an insufferable difficulty with natives), and it is constructed in pieces, so that any piece worn out can be renewed." Sent by the Collector of Purnia.
Plough from Behar, sent by Babu Nanda Lal Banerji, Behar.
Yoke, sent by ditto.
Harrow, sent by ditto.
Sickle, sent by ditto.
Weeder, sent by ditto.
Model of a small plough, made by Biseswar Mistri, and presented by Maharaja Rádhá Prasád Sing of Dumráon, Shahabad.
Phar for sowing, made by ditto, sent by ditto.
Two yokes, ditto, ditto.
Malla for seed, ditto, ditto.
Harrow, ditto, ditto.
Gurrows, ditto, ditto.
Axe, ditto, ditto.
Grass-cutter (*khurpa*), ditto, ditto.
Reaping hook (*hasua*), ditto, ditto.
Toothed reaping hook, ditto, ditto.

Spade (*kodáli*), made by Biseswar Mistri, sent by Maharaja Rádhá Prasád of Dumraon, Shahabad.
Two pictures showing how seeds are sown, ditto, ditto.
Models illustrating cleaning of cotton, spinning, and weaving. A very ingenious contrivance which by the turning of a key the models are made to do their respective work, made by Prayag Rám, goldsmith, Dumraon.
Model of a Native Durbar made by ditto.
Ordinary Shahabad plough, exhibited by Messrs. Burrows, Thomson, and Mylne, Bihia, Shahabad.
Hide-rope for irrigation by well, exhibited by ditto.
Sugarcane mill, three-roll, double feed, 10″ × 8″, exhibited by Messrs Thomson and Mylne of Bihia, Shahabad.
Ditto, squeeze, 8″ × 7″, exhibited by ditto.
Ditto, two-roll, exhibited by ditto.
These mills have found great favour among the cultivators, to whom they are sold annually by thousands. They have also received many awards and prizes from various Exhibitions and Agricultural Shows. The exhibitors have supplied the following particulars:—
Sugarcane being grown in India in small patches, each cultivator squeezing his own cane and converting the juice into goor (concrete sugar) on or near the field, it was seen that it would be very advantageous to him if an effective machine could be devised which could be readily carried from field to field.
When the Bihia Mill was introduced, the only apparatus used by or within reach of the cultivators were primitive wasteful machines made of wood or stone, wasteful of time, power, and a considerable percentage (in both quantity and quality) of the sugar in the cane.
To secure quantity with economy, it is necessary that friction be reduced to a minimum so as to utilize the fullest proportion possible of the small power which the cultivator has at his command. Quality requires amongst other essentials quick extraction of the juice of whole canes by one passage through the mill, and that all parts with which the juice comes in contact be kept clean. The extreme liability of sugarcane juice to fermentation and the consequent destruction of its crystallizable properties render such conditions very necessary if the sugar which the cane is ready to yield is to be obtained from it. Mr. Alfred Fryer, the inventor of the Concretor, an eminent authority on sugar manufacture, says: "Cane juice from the moment it leaves the shells should be treated with the same care and cleanliness as new milk in a well-ordered dairy."
The native cane mills have most of the serious faults which machines constructed for such a purpose could have. In the Gundi, as generally made, the lower still or base plate is a large block of wood partially or wholly bedded in the ground, having a rectangular recess of considerable size cut in it into which the juice falls as it comes from the rollers. The vessel to receive the juice has consequently to be sunk still deeper in the ground, where it remains, the juice being baled out of it in the other vessels, in which it is carried to the boiling (or evaporating) pan—the canes have to be cut in short lengths, and passed five to ten times between the rollers before the juice is extracted—the wooden bearings and working surfaces being untrue and irregular, cause excessive friction and consequent loss of power. The Kolhu (pestle and mortar arrangement), whether of wood or stone, is open to the same serious objection, with the addition that the cane has for it to be cut into still shorter lengths, *i.e.*, from two to five inches long. The construction and action of such machines greatly reduce the crystallizable properties of the juice, as (1) by cutting the cane into short lengths a large number of cells are exposed to the air, inducing fermentation in each one so opened; (2) by passing partially crushed canes repeatedly between rollers, a further degradation of the juice is caused through the repeated crushings and macerations of the fibres; (3) by this deteriorated juice during its passage to the receiver being in contact with germ-infected surfaces, especially in the trough of the bottom beam, where it gets arrested and churned by the lower ends of the large revolving rollers; (4) by the condition of the receiver, which being seldom washed or cleaned has its inner surface coated with particles in a

continually advancing state of decomposition; (5) by the transfer of the juice from this vessel into a second in which it is conveyed to the evaporating pan, it is exposed to further action of the air and further contact with foul surfaces.

In designing a machine to take the place of the native mills, our aim therefore was to produce one which would remedy the serious defects of those appliances and which would at the same time be adapted to the means of the cultivators, be so simple in construction that the village carpenter or blacksmith might repair it, be made as far as possible of materials which could be got in the villages, not liable to serious derangement by the blundering of people inexperienced in the management of exact machinery, and of such form and size as to be easily portable.

The result of our contriving and experimenting is the Bihia Mill, which is so constructed that—

The entire machine can be carried from field to field without taking it asunder or disturbing the rollers and other working parts, thus saving the cultivators the heavy expense they frequently have to incur for carrying the cane long distances.

Except the rollers, all the parts (iron and brass as well as wood-work) can be repaired or renewed in the villages.

The form and arrangement of the frame secures a maximum of stability with a minimum of material and workmanship—the special fitting and securing of the splayed legs to the upper and lower beams with through bolts enables it to be firmly fixed ready for work in a few minutes by simply making four small holes in the ground six or seven inches deep, and fixing the feet in them; and also fits it to withstand most of the rough treatment which such a machine in such hands is frequently subjected to. A further advantage of this arrangement is that the height of the machine when fixed for work can be adjusted to suit the size of bullock used.

The upper beam is so made that it can be readily removed to get at the rollers and all working parts for cleaning, &c., without disturbing the rest of the machine.

The rollers are of metal, and are made true on their surfaces and journals, the steps also (on which the roller spindles rest), and the bushes (or bearings), are also of metal of novel design so at the smallest cost to reduce the friction to a minimum. These arrangements combined with the small size of the working surfaces, compared with those of the native machines, ensure a much larger proportion of the motive power being available for productive work.

The juice as it leaves the cane runs down the clean iron rollers on to a concave metal plate so made as to catch the whole, and placed at such an angle as to ensure its rapid descent to the receiving vessel, which is placed on or above the ground instead of in it. This admits of its being washed and fumigated every time it is emptied, which is an easy inexpensive mode of checking decomposition, suggested by us, and the only one which can be easily adopted by native cultivators.

To prevent the juice running along the bottom surface of the rollers and down the spindles to the steps and lower bearings, the lower edge of the roller is made with an overhanging lip which ensures the whole of the juice leaving the rollers quickly, free from oil, dirt, and other foreign matters.

A thin rod of round iron is placed below the rollers on the line along which the cane passes, and forms an inexpensive but efficient contrivance for preventing the cane from dropping below the rollers, and getting away unsqueezed—the problem here was to effect this without intercepting the juice, and the plan adopted was found to be the best solution.

To prevent the cane when spread out by squeezing getting between the teeth of the pinion (or toothed wheel), a flauge (or shroud) is cast on the latter, which, besides effecting this, strengthens the teeth (or cogs), and reduces the risk of their being broken by rough usage. A recess or groove is provided in the opposite roll or pinion to receive this flange or shroud, and as small bits of cane may lodge in it during the working of the mill, a suitable cleaner is attached to keep it open and free.

The arrangement for lever or driving pole is such that any suitable inexpensive piece of wood or bamboo may be used, and the mill can be easily worked by a single plough bullock with only a boy to put in the cane and keep the bullock going. If the latter be going too slowly, the boy touches him up with the next cane he takes up, so that with trained bullocks no separate driver is needed. In Shahabad and many other districts hundreds of mills are being worked thus.

If good rollers are used, and the frame be properly made, one of these mills will, with moderately fair treatment and very trifling repairs, do good work through eight to ten seasons.

Chhota Nagpur plough, made by Nicodemus Ruchat, and sent by the Ranchi Local Committee.

Chhota Nagpur harrow (*mer* or *patha*), made by Nicodemus Ruchat, and sent by the Ranchi Local Committee.

Chhota Nagpur leveller (*kurur*), made by Nicodemus Ruchat, and sent by the Ranchi Local Committee.

Tigar trap, sent by the Manbhum Committee.

A spinning machine, invented by Baboo Prankristo Mukharji of Baidyabati, district Hooghly. Baidyabati is the seat of extensive jute yarn manufacture, where the primitive spinning machine made of bamboo is still used. This is one of the most useful machines which young Bengal have up to this time been able to turn out. In the neighbourhood of Calcutta labour has now become dear, and the object of this machine is to save it as much as possible. The inventor has succeeded in attaining this object, and there is no doubt this little machine will ere long be received as a boon by the poorer classes engaged in the manufacture of jute yarn. It is simple in construction, and cheap in price.

Seven clay models, representing cultivator's life in Bengal, made under the direction of Babu T. N. Mukharji, by Jadu Nath Pal and his son, Aghore Nath Pal. For sale. Price Rs. 35 each.

AGRICULTURAL IMPLEMENTS OF THE NORTH-WESTERN PROVINCES AND OUDH.

Collected by Babu LACHMAN PROSAD, Superintendent, Government Farm, Cawnpore, by order of Major D. J. PITCHER, Office in charge of North-Western Provinces Exhibits.

PLOUGHS.

Ploughs (*Saharia*), * model. Price Rs. 2.
Plough (*Nagra*), ditto. Price Rs. 2.†
Dahahri plough*. Price Rs. 2.†
Nagar plough‡ (2), ditto. Price Rs. 2-8.†
Bakhar plough, model, both the original size, ditto. Price Rs. 3.†
Duplex plough with iron sole, ditto. Price Rs. 5-4.
Ditto, wooden sole, ditto. Price Rs. 4.
Ditto, model.
Kaisar plough in original wire, ditto. Price Rs. 5.
Ditto, model.

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* Model, one-fourth the actual size.
† Price of the one in original size.
‡ Two models, one one-fourth of the original size and the other one-sixth of the original size.

Watt's beam plough, ditto. Price Rs. 11-8.
B. F. O. Beam plough, ditto. Price Rs. 15.

Muzaffarnagur plough Meerut ,, Bareilly ,, Jalaun ,, Jhansi ,, Chhatarpur ,, Cawnpore ,, Allahabad ,, Jaunpur ,, Basti ,, Unao ,, Fyzabad ,, Hardoi ,, Pratabgarh ,,	Ditto	... Varies from Re. 1-8 to Rs. 2-8 according to the weight of sh re and the quality of wood used.

WATER LIFTS.

Twenty-foot chain pump.* Price Rs. 55. The results obtained in comparison with the common country lifts, when worked at the depths best suited to them, are noted in the following table:—

Height of lift.	Description of lift.	Average quantity of water lifted per hour.	Useful work performed per minute in feet-lbs.	Efficiency of the implement assuring the standard work of a man = 2,700 feet-lbs, and of a bullock = 12,000 feet-lbs.	Labour required.
1	2	4	5	6	7
		Cubic feet.	Feet. lbs.		
5′	Chain pump ...	1,600	8,320	·77	4 men.
...	Swing basket ...	464·7	2,416	·22	Ditto.
10′	Chain pump ...	535	5,564	·51	Ditto.
15′	Ditto ...	315	4,914	·45	Ditto.
15′	Dhekli ...	62	967	·36	1 man.
20′	Chain pump ...	272	5,657	·52	4 men.
...	Single mote and inclined bullock run ...	215·7	4,486	·15	2 bullocks, 2 men.
25′	Chain pump ...	197	5,122	·47	4 men.
...	Single mote and inclined run ...	219·9	5,717	·19	2 bullocks, 2 men.
30′	Chain pump ...	125	3,900	·36	4 men.
...	Single mote and inclined bullock run ...	192·3	6,000	·20	2 bullocks, 2 men.

Four-foot chain pump. Price Rs. 50.

* Model, one-fourth the original size.

Steel's lift.* Price Rs. 50.† The results‡ obtained in comparison with the single *mote* working on an inclined plane are noted below:—

Height of lift.	Labour required.		Average quantity of water lifted per hour.		Useful work per minute.		Efficiency of the lift.	
	Steel's lift.	Common mote.	Steel lift.	Common mote.	Steel's lift.	Common mote.	Steel's lift.	Common mote.
			cb. ft.	cb. ft	ft. lbs.	ft. lbs.		
10′	1 man and 1 bullock.	2 men and 2 bullocks.	217	278	2,256	2,891	·15	·09
15′	Ditto ...	Ditto ...	170	268	2,652	4,180	·18	·14
20′	Ditto ...	Ditto ...	159	215·7	3,307	4,486	·22	·15
25′	Ditto ...	Ditto ...	156	219·9	4,056	5,717	·27	·19
30′	Ditto ...	Ditto ...	141	192·3	4,399	6,000	·29	·20

Double mote. Price Rs. 60. Compares as follows with the single mote working on an inclined plane. The height of the bullocks in each case was the same, and the capacity of the buckets used in the double mote was 24 gallons, and of that working on the inclined plane 27 gallons.

Height of lift.	Average quantity of water lifted per hour.		Useful work per minute.		Efficiency of the lift.	
	Double mote.	Single mote.	Double mote.	Single mote.	Double mote.	Single mote.
		Cubic feet.		Ft. lbs.		
10′	194	278	2,017	2,891	·13	0·9
15′	181	268	2,823	4,180	·19	·14
20′	170	215·7	3,536	4,486	·24	·15
25′	166	219·9	4,316	5,717	·29	·19
30′	156	192·3	4,867	6,000	·33	·20

Rahat. Model, one-fourth the original size. Price Rs. 8.§
Single mote and inclined bullock run as used in Cawnpore district. *Vide description.* Price Rs. 8.
Single mote and inclined bullock run, as used in Upper Doab. Price Rs. 15.
Ditto ditto Pratabgarh district. Price Rs. 6.
Dhekli. *Vide description.* Price Re. 1-8.

* Model, one-fourth the original size.
† Price of the one in original size.
‡ The height of the bullocks and the capacity of buckets used were as follows:—

	Height of bullock.	Capacity of bucket.
Steel's lift	4′ 5″	22 gallons.
Mote working on inclined plane ...	4′5·5″	27 do.

§ Price of the original size.

SWING BASKETS.

(*a*) Beri. *Vide description.* Price As. 3.
(*b*) Dogla. Ditto. Price As. 4.
Sand pumps. (Turo.) *Vide description.*

REAPING AND CUTTING IMPLEMENTS.

Khurpi—(*a*) For weeding poppy seed and rice. *Vide description.* Price A. 1.
(*b*) For weeding other crops and cutting grass. *Vide description.* Price As. 2.
Hansia. *Vide description.* Price As. 3.
Phaora. Ditto. Price Re. 1-4.
Kudar. Ditto. Price As. 10.
Kulhari. Ditto. Price As. 12.
Belcha. Price As. 8.
Galansia. Price As. 8.
Chinni. Price As. 6.
Kachhni. Price A. 1.

SUGAR MILLS AND PANS.

Muttra Roller Mill. *Vide description.* Price Rs. 18.
Cawnpore Mill. *Vide description.* Price Rs. 10.
Wrigley's Double Feeder, consisting of three vertical rollers, the two side ones turning in opposite directions, when the middle one is turned by the bullock, fed with whole canes from opposite sides. Price Rs. 135.
Fakir Muhammad Spiral Mill. Consists of two spiral rollers, adjustable by a single screw. Price Rs. 115.
Victor Mill. Consisting of three vertical rollers enclosed in an iron case which prevents dust and other impurities from coming in contact with the juice pressed. Price Rs. 266-14.
Tried with *Sorghum saccharatum* during the last season, with the following results:—

Names	Labour employed.	Weight of cane crushed per hour.	Weight of juice expressed per hour.	Cost of crushing 100 lbs. of canes.
		lbs.	lbs.	pies.
Wrigley's Double Feeder	1 bullock and 3 boys ...	111·1	51·5	9·1
Fakir Muhammad's Mill	1 bullock and 2 boys ...	85·6	41·8	9·6
Victor Mill	Ditto	84·0	39·6	9·8
Bihea two-roller Mill ...	Ditto	77·7	37·4	10·6

MISCELLANEOUS.

Yoke used with a plough. Price As. 8.
Yoke, model one-fourth the actual size.
Chonga. A funnel of bamboo sometimes attached to the handle of a plough, and the seed is dropped through it into the furrow. Price As. 2.
Kahalia, model one-fourth the actual size. Price As. 4.*
Patela, model one-fourth the original size. A beam of wood with two pegs, used for clod crushing and levelling the field after ploughing. It is drawn by one or two pairs of bullocks according to its size, the hauling ropes being attached to the pegs. Price Re. 1-4.*

* Price of the original size.

Dheki.† Price Rs. 2-8.*
Okhli.† Price As. 4.*
Cook's portable Sugar Evaporator.† *Vide description.* Price Rs. 330-15.‡
The following results have been obtained in comparison with the country modes of making sugar:—

Description of apparatus.	Juice boiled in 12 hours.		Amount of sale made.	Labour required.	Cost per maund of rate made (including fuel).
	Gallons.	Md. Sr.	Md. Sr. Ch.		Rs. A. P.
Evaporator ...	177½	23 11	4 1 0	2 men and 1 boy	0 12 9
Karahi (flat shallow beam).	55	7 9	1 11 4	1 man and 1 boy	1 4 4
Bel (5 pans) ...	83	10 36	1 39 0	1 man and 1 boy	1 1 10

Charkhi. Price As. 10.
Charkha. Price Re. 1.
Tokri. Basket for earthwork. Price 6 pie.
Oil Press. *Vide description.* Price Rs. 7.
Simplex Chaff by Hunt, Cutter, and Towell. Price Rs. 36-5. Requires three men, one of whom feeds it, and the other two turn the wheel by turns. Can chop 40 maunds of stalks in a day of 10 hours; the country chopper cannot do more than five maunds in a day.
Grinding and kibbling mill, by Litster & Co. Price Rs. 36-3.
Village cart of the Doab. Rs. 30.
Manure cart. Price Rs. 2-8.
Axe used in Nepal.
Cultivator's utensils:—
(1) Thali. Price Re. 1-1.
(2) Abkhora. Price As. 13.
(3) Lota. Price As. 15.
(4) Katora. Price As. 10-6.
(5) Kalchuli. Price As. 2-6.
(6) Katori or Bilia. Price As. 5-9.
(7) Batoi. Price As. 12.
(8) Samasi. Price A. 1-6.
(9) Chimta. Price A. 1.
(10) Tawa. Price As. 2-3.

DESCRIPTION OF THE NORTH-WESTERN PROVINCES IMPLEMENTS.

MODELS.

PLOUGHS.

Saharia.—Most commonly used in the Cawnpore district; consists of the following parts:—
(1) Phara, the share.
(2) Parihari, the sole on which share is shod.

* Price of the original size.
† One-fourth the original size.
‡ Including freight, &c., up to Cawnpore.

(3) Kurba, the step.
(4) Paretha, the handle.
(5) Haris, the barn.
(6) Haraini, the cross bar to which the yoke is tied.

Nagna—Differs from Saharia in having its kurba and parihari in one instead of in two separate pieces and in having a shorter share.

Dabahri—Differs from the former two in the appearance of its kurba and parihari, and having its handle fixed to the kurba instead of resting on the beam.

Nagar—Used in Bundelkhand on stiff land for cultivating sugarcane. Is drawn by three or pair of bullocks. One made at the Government Farm, Cawnpore, and the other contributed by the Collector of Hamirpur.

Bakhar—Used in tilling soft soils of the *mar, kahar parma* species in Bundlekhand, presented by the Collector of Hamirpur.

Duplex—Has two soles, one fitted with a breast to turn over the earth, and the other with an ordinary native share. When fitted with the latter, it is exactly like Saharia, the plough described above. Is intended to serve the double purpose of sowing and turning over the earth.

The price of the original is Rs. 4-4.

Kaisar.—Besides the handle and the beam it has a sole of angle iron, a standard of iron, a breast of sheet iron which turns over the earth, and a share of steel which can be slipped on or off at any time. The price of the original is Rs. 5.

Yoke—Is a model of the one used in the Doab; it consists of *manchi*, the upper bar, *tarmanchi*, the lower bar, *gator*, the inner pegs, *sail'*, the outer pegs.

The plough is tied to the yoke by means of a cross bar fitted to the plough beam.

The original costs As. 8.

Karba.—An implement for making irrigation beds. Consists of a flat semi-circular board with a wooden handle. Is worked by two men, one of whom holds the handle, and the other pulls it towards himself by a rope.

WATER LIFTS.

Chain pump. Consists of—

(*a*) Iron pipe in two portions (when the length exceeds 6 feet), joined together by flanges east at one of their ends. The diameter of the lower portion is a little less than that of the other.
(*b*) A chain with plugs of wood and iron. It passes through the pipe its plugs closely fitting to the lower portion.
(*c*) A wooden stand which supports the pipe when let down into the well.
(*d*) A grooved wheel which rests on the stand.
(*e*) Handles which are fitted to the axle of the wheel.
(*f*) Distributing channel which fits to the mouth of the upper portion of the pipe.

Working.—When the handles are worked the wheel turns along with the chain, each plug of which brings a column of water before it. The price of the one of which it is a model is Rs. 55.

Steel's Lift—Consists of—

(1) A wooden pillar with a vertical axis of iron.
(2) A horizontal bar lying between the two wheels.
(3) Two horizontal wheels supported on and moveable about the axes.
(4) A yoke which is attached to the lower wheel.
(5) Four pullies.
(6) A leather bucket with a tail at the bottom.

(7) Ropes, one thick and the other thin: the former is tied to the iron hoop of the bucket, and the latter to its tail. Both the ropes are wrapped round the upper wheel; the length of the thinner rope is a little less than that of the other, so that when the bucket reaches the mouth of the well its tail is stretched out, and the water brought in the bucket is poured out through the tail.

Action.—The horizontal bar in its natural position maintains a connection between the two wheels, so that when the lower wheel is turned by the bullock the upper also turns, and the ropes, supposing the bucket to be in the well, are coiled round the wheel as it turns and the bucket raised. When the bucket reaches the mouth of the well, its tail stretches out horizontally, and the water runs out.

As soon as the bucket has emptied itself, the outer end of the horizontal bar is raised a little, the connection between the two wheels is broken, and the weight of the bucket acting on the rope uncoils it, turning the upper wheel until it reaches the water. When the bucket is filled, the horizontal bar is allowed to rest in its natural position, the bullock driven, the two wheels turn, the ropes coil themselves on the upper wheel raising the bucket as before.

The original lift costs Rs. 50.

Double mote—Consists of—

(1) A wooden support, moveable on an iron pivot.
(2) A wheel divided in two compartments one above the other, and rigidly attached to No. 1.
(3) A horizontal bar which is attached to No. 1, and which carries a yoke at its end.
(4) Eight pullies.
(5) Two leather buckets, each with a tail at its bottom.
(6) Four ropes, two thinner than the other. The thick ropes are tied to the iron hoops of the bucket and the thin ropes to their tails. The ropes connected with one bucket are coiled on one compartment of the wheel, and those tied to the other on the other compartment, the two sets being coiled in opposite directions, so that by turning the wheel if one set coils itself the other will uncoil itself.

Action.—Supposing one of the buckets at the mouth of the well and the other in water, when the bullock is moved in a direction, so that the ropes attached to the bucket lying in water are coiled on the wheel, the other unwinds itself and goes down in the well and by the time it reaches water the filled bucket comes to the mouth of the well, and empties itself as in the Steel's lift. The position of the bullock is then reversed and made to move in the opposite direction by which the ropes which brought the filled bucket are uncoiled and the other set coiled, which brings the bucket in a similar way. The original lift cost Rs. 60.

Ordinary well gear—Consists of a wheel moving freely on an axis supported on wooden uprights, a leather bucket, a rope, and a yoke; is worked by two bullocks moving on an inclined plane, and requires two men, one of whom drives the bullocks and the other empties the bucket. The cost of the gear varies considerably according to its strength and the size of the bucket. It ranges from Rs. 6 to Rs. 15.

Rahat, or Persian wheel—Consists of—

(1) A woodeen upright moveable on a pivot and having teeth at its bottom.
(2) A drum rigidly fixed to an horizontal axis, which is also provided with teeth.
(3) A horizontal beam which is attached to No. 1.
(4) A rope holding a number of pots hung over the drum.
(5) A distribution channel.

Action.—The wooden upright is turned by means of the horizontal beam, and its teeth striking against those of the drum make it revolve on its axis and

thus the pots coming full from the well pour their water in the distribution channel. In Bundelkhand, where it is used, its total cost does not exceed Rs. 8.

Dhekli.—Consists of a beam moveable about a pivot fixed in two uprights. The end of the beam furthest from the well is weighted by a lump of clay, and to the other it suspends an earthen pot by a rope.

Action.—A man stands near the well, pulls down the rope until the pot reaches the water, and so soon as it gets filled he leaves it, the weight at the other end of the beam serving to pull it up. Is used in low lands where the water is close to the surface. Its total cost does not exceed Rs. 2.

Sugar Mills and Pans.

Rasha Kolhu, or the common sugar mill of the Doab. Consists of—

(1) Kolu, the central piece in which buts of cane are put in.
(2) *Jat*, the movable rod working in the Kolhu.
(3) Katar, the boom.
(4) Senna, the outer upright parallel to jat.
(5) Patti, the wood which points jat and senna at the top.
(6) Durahri, a beam attached to katar.
(7) Yoke, attached to durahri.

Action—When the bullock moves round the katar revolves round the kolhu along with the senna, which with the help of *jatti* makes the *jat* revolve and press against the buts of canes put in the kolhu. The juice runs out through a spout in the kolhu, called patoka.

The original costs about Rs. 10.

Muttra Sugar Mill—Consists of three rollers with cogs at their upper end and plain in the rest. A beam is fitted to the top of the middle roller, which, when turned, turns the other rollers too, and thus crushes the canes which are put in entire.

The original costs about Rs. 15.

Cook's portable Sugar Evaporator—Consists of—

(1) An oblong pan with ledges running across its bottom, the alternate ends of which are open, and so there is a continuous channel from one end of the pan to the other. The ledges are hollow and open at the bottom, which gives much more heating surface. The sides of the pan extend beyond the fire line of the furnace, so as to give a cooling surface for the collection of scum.
(2) A light iron furnace of rockers which can be easily removed from one place to another.

Working.—The can juice is allowed to trickle at one end and winding down round the ledges is clarified, defecated, and evaporated in its course, arriving at the outlet in the state of consistency required.

The cost of the one imported from America had amounted to Rs. 330-15, but the cost of pan of galvanised iron sheet, as now made in the workshops attached to the Farm, amounts to Rs. 35 only.

Zilha Kolhu.—Oil press. Is very similar to the Doab sugar mill, described before, differing from it only in the form of *papihra*, which in the oil press is called *dhekna*, in the form of machi, which is workable by one instead of two bullocks, and in having a rod with a point which stirs the seed.

Rice Mills.

The one for husking small quantities consists of an *akhli*, a large wooden mortar, and a *masal*, a wooden pestle. The paddy is placed in the *akhli*, and beaten by *mussal* which separates the husk.

For husking large quantities a *dheki* is used, which consists of a beam movable on a pivot supported between two uprights and having a club at the end furthest from the uprights. It requires three men to work it, two moving the beam with their feet and one feeding it.

Carts.

Manure cart, as used in the Unao district. It consists of two wheels of solid blocks of wood, one wooden axle for wheels, two long bars with three cross-pieces forming the frame-work. It costs about Rs. 2, and carries five to seven maunds of manure contained in large baskets. Is drawn by a pair of small bullocks.

Cart used in the Doab for carrying manure and farm produce.—Its principal parts are—

(1) *Phar*, two pieces of wood which form the frame-work for the whole body of the cart.
(2) *Manghia.*—Thin bars which lie between the *phars.*
(3) *Makhari.*—Three cross-bars, which keep the *phars* firm.
(4) *Murhia.*—Pateta, cross bars in which khutlis (wooden uprights) are fixed.
(5) *Bansa.*—Upper poles fastened to khutlis by ropes.
(6) *Wheels and axle.*
(7) *Painjni.*—The heavy beams on which the axle pins work.
(8) *Sugua.*—Cross-bars to which painjnis are fastened.
(9) *Gua.*—Yoke.

Its cost varies considerably. One of medium size costs about Rs. 30, and carries about 20 maunds of goods.

Implements sent in original Size.

Ploughs.

Muzaffarnagar.	Jhansi.
Meerut.	Chhattarpur.
Bareilly.	Basti.
Cawnpore, Saberia.	Unao, Dabahri.
Allahabad.	Fyzabad.
Jaunpur.	Hardoi.
Jalaun.	Pratabgarh.

Properly speaking, all these implements are grubbers and not ploughs, since none of them turns over the earth. All have the same principal parts, *viz*:—

A beam (*haris*).
A handle (*paretha*).
A sole (*parihari*).
A share (*phar*).
A step (*kurha*).

Although all of them differ from one another in their weight and shape, the former is caused chiefly by the strength of the animals and the nature of the soil, *e.g.*, in the Upper Doab. where the cattle are strong and the soil stiff, the ploughs are heavy and strongly built, while in Oudh and Benares Divisions, where the cattle are small and weak, the ploughs are very light and thin, and step and sole much narrower. Difference in shape is due to the causes already stated, as well as to some of the parts being in one instead of in separate pieces; thus, the ploughs from Jaunpur, Jhansi, Chhatarpur, Unao have their *kurha* and *parihari* in one, while others have *paretha* and *kurha* in one, such as those from Meerut, Muzaffarnagar, Bareilly, Jalaun, Hardoi, Fyzabad, Allahabad, Basti, and Pratabgarh.

Duplex.—One with sole and step of iron, and the other with wooden sole and step. The prices of the two are Rs. 5-4 and Rs. 4-4 respectively. Described among models.

Kaisur—Price Rs. 5, described among models.

Watts.—An American plough furnished with beam to suit native predilection. Price Rs. 11-8 a piece.

B. F. O.—An English plough supplied with beam at Cawnpore. Price Rs. 15.

Manchi.—Yoke, described among models.

Well Gear.

1. *As used in the Upper Doab.*—
The bucket is made of a large circular piece of leather, the rim of which is tied to an iron hoop. The wheel over which the rope passes consists of a flat circular piece of wood moveable on an iron axis.
2. *As used in the Pratabgarh District.*—
The bucket is made of two semi-circular pieces of leather sewed together at the circular part, and having two cross-pieces of wood at the mouth instead of the iron hoop used in the Upper Doab. It is very small and does not hold one-fourth the quantity of water contained in the Doab bucket. The wheel is globular and moves on a wooden axis.

Swing Baskets.

Beri and *Dogla.*—The former is used in the North-Western Provinces and the latter in Oudh. Both are made of bamboo. The difference is only one of shape, the *beri* being oblong, while *dogla* is circular and shallower than *beri*. Four strings are tied to their corners, two of which are held by one man and two by another who stand opposite each other on the sides of the hole from which water is to be raised. The basket is swung backwards and forwards. At the commencement of each forward swing it dips into the water, and emerging from it carries a quantity of water which it deposits at the head of the distributing channel.

Reaping and Cutting Implements.

Khurpi.—Two scrapers, (1) for weeding poppy and rice, and (2) for weeding generally and cutting grass. The blade of the former is much narrower than the other.

Hansiu.—Sickle for reaping.

Kudari.—Pick-axe for grubbing sugarcane and digging out root crops.

Belcha.—Used in gardens for digging up plants.

Phaura.—Mattock.

Kalhari—Axe.

Garansia.—A chopper for chopping stalks of juar, bajra, &c.

Chinni.—For making incision in poppy heads.

Kachhin.—For scraping off the juice which exudes from poppy heads.

Tokri.—Basket for earth-work.

Charkhi.—For separating seed from cotton. Worked by one woman, who usually turns six pounds of cleaned cotton in a day.

Charkha.—For spinning.

Math and *Muthani.*—Churn and churning vessel.

Utensils most commonly met in a well-to-do Cultivator's House.

Batni for boiling rice and pulses.
Lota, a vessel for water.
Amphora, a drinking cup.

Katora, a cup in which girls carry their bread to field.
Bilia, a cup for pickles, &c.
Saniasi, for holding *hatea* when hot.
Karchi, a spoon.
Tawa, for baking bread.
Chimta, for turning over bread.
Tharia, for putting bread, &c., when eating at home.

Sand Pumps.

Two, received from W. C. Wilson, Esq., Assistant Engineer.

Sugar Mills.

Wrigley's double feeding mill.
Haji Fakir Muhammad's mill, working without cog-wheels.
Three-roller Victor mill, Price in America $ 55.
Simplex Chaff-cutter by Messrs. Hunt & Towell.
Grinding and Pebbling Mill by Messrs. Lister & Co.

Sledge Pump for sinking pipes in mud or wet sand in making borings.

The sledge plump consists of a cylinder with a valve at the bottom openi upwards. A piston with a valve in it, also opening upwards, moves up and do inside the cylinder, and a rope is attached to the end of the piston rod. T piston is made sufficiently heavy to sink by its own weight. When the piston raised the foot-valve of the cylinder opens, and sand and water are drawn i the cylinder. When the piston descends the foot-valve closes, so that the sa cannot escape, while the valve in the piston opens, allowing the water to p through. The piston is raised and lowered three or four times in order to the cylinder with sand; the pump is then withdrawn, the steel share on wh the valve is fixed is removed, and the sand falls out of the cylinder. Two pun should be used, one being worked, while the other is being cleaned.

The pump is especially useful for sinking pipes in with sand. If the sa is coarse and no kankar, clay, or loam is encountered, the pipes can be su 40 feet in two days.

It can also be used for boring in clay, kankar, or rock, the hard mate being broken by means of a heavy jumper attached to the rope, and the det removed by the pump.

One of the sand-pumps is made for sinking pipes three inches inside d meter, and the other for sinking 2-inch pipes.

They were made by Messrs. Cohen & Co., Agra.

LIST OF THE AGRICULTURAL IMPLEMENTS OF THE CENTRAL PROVINCES.

Collected by J. B. FULLER, Esq., Director, Department of Agriculture Commerce, Central Provinces.

Plough of Damoh district (*Hal*). Price Rs. 2.
Seed drill of Damoh district (*Nari*). Price Rs. 2-4.
Ditto Hoshangabad district (*Nari*). Price Rs. 4.

Plough of Nimar district (*Hal or Nagar*). Price Rs. 5.
Bullock hoe of Nimar district (*Bakhar*). Price Rs. 4.
Ditto Damoh district (*Bakhar*). Price Rs. 2-12.
Seed drill of Nimar district (*Tiphan*). Price Rs. 5.
Field cart of Damoh district (*Chakra*). Price Rs. 35.
Ditto Nimar district (*Gari*). Price Rs. 50.
Sugarcane mill of Hoshangabad district (*Chakkhi*). Price Rs. 4.
Ditto Damoh district (*Kolhu*). Price Rs. 4.
Bucket water lift of Betul district (*Moth*).
Persian wheel of Damoh district (*Rahat*). Price Rs. 15.
Wheel and bucket water-lift of Damoh district (*Rahat*). Price Rs. 5.
Model pump for use in quarries and mines. Exhibited by Mr. Robert Dunne, Lime and Quarry Works, Katni station.
Rice plough of Bhandara district (*Dhanka nagar*). Price Rs. 3.
Plough for cold weather crops of Bhandara district (*Gahunka nagar*). Price Rs. 4.
Plough (millet and cotton) of Nagpore district (*Nagar*). Price Rs. 3.
Plough of Raipur district (*Nagar*).
Sugarcane plough (used for sowing) of Raipur district (*Santi ka kulu*).
Plough for cold-weather crops of Raipur district (*Nuhari Nagar*).
Plough of Sambulpur district (*Sangal*). Price As. 4.
Bullock hoe of Bhandara district (*Bakkhar*). Price Rs. 2-8.
Bullock hoe of Nagpur district (*Bakkhar*). Price Rs. 3.
Double bullock hoe for weeding of Bhandara district (*Daura*). Price Rs. 2.
Bullock hoe of Raipur district (*Bakkhar*).
Bullock rake of Bhandara district (*Phani*).
Log harrow of Raipur district (*Kopar*).
Bullock rake of Raipur district (*Datari*),
Drill plough for wheat of Bhandara district (*Hari*). Price Rs. 3.
Treble drill for wheat of Nagpur district (*Tifan*). Price Rs. 3.
Treble drill for juari for millet of Nagpur district (*Tifan*). Price Rs. 3.
Treble drill for millet of Bhandara district (*Tifan*). Price Rs. 2.
Treble drill for millet of Chanda district (*Tifan*). Price Rs. 3.
Treble drill for wheat of Bhandara district (*Tifan*). Price Rs. 5.
Sugarcane press of Sambalpur district (*Kusiari ghana*).
Ditto Bhandara district (*Ghana*). Price Rs. 30.
Ditto Raipur district (*Charkha*).
Ditto Nagpur district (*Ghana*).
Cart of Nagpur district (*Gaonti Gari*).
Cart of Raipur district (*Gara lobati*).
Cart of Sambalpur district (*Sagria Gari*).
Disc wheel cart of Bhandara district (*Lodhi*). Price Rs. 25.
Cart of Bhandara district (*Bandi*). Price Rs. 25.
Ditto ditto (*Chiri*). Price Rs. 30.
Cart for passengers of Nagpur district (*Ringi*).
Ditto ditto of Bhandara district (*Kachar*). Price Rs. 30.
Ditto ditto ditto (*Chakra*). Price Rs. 16.
Covered passenger-cart of Bhandara (*Saiban gari*).
Ditto ditto ditto, (*Jhalam ki gari*).
Bucket water-lift of Nagpur district (*Moth*).
Lever water-lift of Bhandara district (*Dhakoli*).
Ditto ditto of Raipur district (*Tenda*).
Lever rice-husker of Raipur district (*Dhenki*).
Oil press of Raipur district (*Ghani*).
Ditto Sambalpur (*Ghana*).
Cotton gin of Raipur district (*Charkha*).
Spinning wheel of Raipur district (*Rata*).

LIST OF THE AGRICULTURAL IMPLEMENTS OF MADRAS.

Sent by W. R. ROBERTSON, Esq., Agricultural Reporter to the Government of Madras, through W. WILSON, Esq., Director of Revenue Settlement and Agriculture, Madras.

Shaft of large country plough, from Gooty. Price Rs. 5.
Ploughing part of ditto. Price Rs. 5.
Stilt of ditto. Price Rs. 5.
Shaft of small country plough, from Cuddapah. Price Rs. 8.
Ploughing part of ditto. Price Rs. 8.
Stilt of ditto. Price Rs. 8.
Shaft of small country plough from Tinnevelly. Price Rs. 4.
Ploughing part of ditto. Price Rs. 4.
Stilt of ditto. Price Rs. 4.
Yoke of small country plough. Price Rs. 4.
Shaft of Mr. Kristnasamy Mudaliar's improved country plough, from Shiyáli. Price Rs. 5.
Iron part of ditto. Price Rs. 5.
Stilt of ditto. Price Rs. 5.
Working part with two shafts and three tines of an implement for harrowing or cultivating, from Cuddapah. Price Rs. 8.
Stilt of ditto. Price Rs. 8.
Working part with two shafts of a scraper for weeding, from Anantpur. Price Rs. 5-8.
Stilt of ditto. Price Rs. 10.
Working part with two shafts of a large harrow, from Cuddapah. Price Rs. 10.
Stilt of ditto. Price Rs. 10.
Working parts with two shafts of a harrow, from Godávari. Price Rs. 3-11.
Stilts. Price Rs. 3-11.
Tine. Price Rs. 3-11.
Working parts with six teeth and two shafts of a large seed drill. Price Rs. 35.
Stilt. Price Rs. 35.
Six bamboo tubes with a hopper. Price Rs. 35.
Supporter to shafts with six hooks. Price Rs. 35.
Yoke. Price Rs. 35.
Working parts with three coutters and two shafts of a seed drill, from Anantapur. Price Rs. 3.
Stilt. Price Rs. 3.
Bamboo tubes with a hopper. Price Rs. 3.
A harrow with wooden teeth, from Anantapur. Price Rs. 3.
Cotton gin, from Tinnevelly. Price Rs. 2.
Two frames, single mote, from Tinnevelly. Price Rs. 30.
Yoke, from Tinnevelly. Price Rs. 30.
Wooden roller, from Tinnevelly. Price Rs. 30.
Iron bucket, from Tinnevelly. Price Rs. 30.
Leather rope, from Tinnevelly. Price Rs. 30.
Neck piece, from Tinnevelly. Price Rs. 30.
A vessel for use in marking heaps of paddy. Price As.
Pestle. Price As. 4.
Goading stick. Price As. 2-6.
Knife for cutting greens. Price As. 2.
Weeder, from Karnul. Price As. 2.
Spade, from Anantapur. Price As. 8.
Knife, from Anantapur. Price As. 8.
Sickle, from Cuddapah. Price A. 1.

Sickle to remove prickly-pear, from North Arcot. Price As. 4.
Chopper. Re. 1.
Hatchet. Re. 1-8.
Leather bucket, from Godávari. Price Rs. 10·12.
Double mote model, from Saidápet. Price Rs. 150.
Double mote, without cross beams and pillars, from Saidápet. Price Rs. 80.
Gurusamy Mudaliar's ditto, on principle of continuous draught, from Saidápet. Price Rs. 190.
Single mote, from Saidápet. Price Rs. 30.
Single pycottah, from Saidápet. Price Rs. 10.
Double pycottah, from Saidápet. Price Rs. 10.
Ransome's small iron plough, from Saidápet. Price Rs. 14-8.
Collin's small combined plough, from Saidápet. Price Rs. 15.
American pattern plough, medium size, from Saidápet. Price Rs. 17.
Single stilted Swedish plough, from Saidápet. Price Rs. 18.
Improved country plough, iron stilted, from Saidápet, Price Rs. 7.
Swedish plough from Saidápet. Price Rs. 18.
Pipe plough from Messrs. Massey and Company, from Saidápet. Price Rs. 10.
Sugar mill, from Saidápet. Price Rs. 30.
Machine for emptying fields of water, from Malabar Price Rs. 33.
Body for emptying fields of water, from Malabar. Price Rs. 33.
Malabar plough. Price Re. 1-8.
Yoke, from Malabar. Price Re. 1-8.
Levelling board, from Malabar. Price Rs. 2-8.
Bamboo shaft, from Malabar. Price Rs. 2-8.
Leveling board, from Malabar. Price Rs. 2-8.
Shaft board, from Malabar. Price Rs. 2-8.
Malabar sickle. Price As. 3.
Two Kota axes, from Nilgiris.
Two bill hooks, from Nilgiris.

LIST OF THE AGRICULTURAL AND OTHER IMPLEMENTS OF THE BOMBAY PRESIDENCY.

Collected by Dr. D. MACDONALD, Secretary and Curator, Victoria and Albert Museum, Bombay.

The chief agricultural instruments used in the Bombay Presidency are nearly all comprised in the following list:—

The plough is a rudely simple instrument, so light that a man can lift and carry it with ease; it is always drawn by one yoke of oxen. The single bar which forms the yoke called *jokad* is fixed to the necks of the beasts by two pegs which fall in front of each shoulder called *shival*. The neck rope by which it is attached is called the *jokad*, while the rope which attaches the yoke to the pole itself is called *jupani*. The pole itself is called the *isád*. The plough handle is termed *lumani*. *Khadasá* is a piece of wood which joins the *lumani* to the iron running below it. The iron point which portends beyond it and is something like a spear-point in shape, slightly bent downwards, is called the phal. It is tightly fixed into the *khadasá*, by means of a wedge of wood called the *phátetu*. Finally, the peg which secures the whole from behind is called the *tiwri*.

Such is the plough which is able to scratch up the dry earth and mix into mud the wet rice field with equal ease and success. Perhaps to an English farmer this instrument, if displayed in London, would appear the most astonishing article in the Exhibition. The other instruments of agriculture are as

primitive. The natives use two kinds of knives or cutting instruments, the first is a kind of sickle, sole substitute for the scythe.

I. The *viva* or *ila*.
II. The *koyati* is somewhat larger and straighter, serves for cutting wood, &c.
III. The hoe, *kudale*.
IV. The *danta*. The plough is first used, then the *danta*, and thirdly the guthé. It is a board somewhat heavier than the guthé and bending inwards: from the lower part of it protrudes a dozen heavy blunt teeth of wood; a simple pole is attached to the yoke. An Englishman might mistake it for a heavy rake.

V. The *guthé*, which comes next, is a board six feet or more long, with two holes into which a split pole is fixed, to which can be joined the yoke of the plough. On the split portion of the pole a heavy stone is placed, or the man who drives the cattle stands. The *guthé* is dragged along the ground to break up the clods of the earth and smooth the ridges.

VI. Threshing of course takes place out of doors, on a floor of mud beaten hard and flat and of a circular shape. The threshing floor is usually called the *kha* or *angan*. In the centre of the *mala* or field where the *mátani* or threshing is to take place a short upright pole is fixed, called a *tivada*, round which is placed a loose ring made of some creeping plant; it is called a *bhom;* to it is attached one long rope with two or more short ones made of the *ambadi*, which are placed round the necks of the cattle. The straw to be threshed is cast loosely round the centre pole, and the cattle are driven round by a man who in his hands holds a *baddi*, or stick with prongs to turn up the stalks as the cattle keep moving.

The stick used for threshing (*náchni*) is from three to four feet long; after which a heavier club is used called a *khutáwali*.

VII. The seed drill, the manure cart, *a chopane*, or flat stick, for pounding and flattening the earth; the basket or sifter called a *chalan*, with holes of due size, which is moved with a circular motion by two men; the grinding stone *jate;* a few other baskets; and the short list of the agricultural instruments is completed.

The following samples are collected from different places to illustrate the slight modifications in shape they seem to have undergone, and to be able to exhibit a representative group for the whole of the presidency. Kaira and Surat represent the whole of Gujrath; Thanah and Ratnágiri represent the Konkan, including Bombay; Poona represents the Deccan, and Karachi the province of Sind.

Mr. Strip's Water Lift.—This is an improvement upon the ordinary native *kose*. The advantages of the arrangement over the ordinary *kose* are:—

(*a*) The native *kose* is worked by the bullocks going up and down an incline, and in this, although it must be admitted that the weight of the bullocks greatly assists them in drawing up the bucket, still much unnecessary time is lost in the backward motion of the bullocks, which is also calculated to be injurious to their constitution. The present arrangement does away with the incline in favour of a circular motion.

(*b*) One pair of bullocks works two buckets, which is not possible with the native *kose*.

Mr. Strip's water-lift consists of a drum E 7 in diameter with the axis vertical and working in a pivot L at the ground and M at top. The drum is turned round from right to left and *vice versâ* by a lever F, at the end of which is attached an ordinary rope and yoke for a pair of bullocks. The drum is kept in position by four masonry pillars and five wooden beams. There are two leathern buckets, C, D, each holding 50 gallons of water, suspended by ropes, which pass over the pulleys, S, T, and W, X, respectively. The discharging mouths of the buckets are also suspended by ropes, which pass over the pulleys, A, B, and E, F, respectively. The ends of the ropes C, S, T, and A, B, are tied to one of the vertical bars of the drum, so that when the latter is turned from right to left the ropes will coil themselves round the drum and raise the bucket C. The ends of the two

ropes of bucket D pass round the drum in the opposite direction to those of bucket C, are tied to one of the bars of the drum. The consequence of this is that the same motion which raises bucket C causes the ropes of bucket D to uncoil from the drum and lower that bucket. Suppose then buckets C and D are in the positions shewn in the section, the former laden and the latter empty. By turning the drum from right to left bucket C will be raised, and D lowered at the same time till each occupies the position which the other formerly did. C then discharges and D becomes full. The drum has now to be turned from left to right for the full bucket to come up and the empty to go down. The operation is repeated in the same manner as before.

The following points should be attended to in construction:—

(*a*) If the well is very deep, a larger drum will be found to be of advantage, as the rapidity with which the buckets move depends upon the diameter of the drum, the length of the lever being the same. It must be, however, borne in mind, that other things being equal, the resistance which the bullocks have to overcome increases in a direct ratio with the diameter of the drum. It will not do therefore to increase the latter if the bullocks are weak.

(*b*) The ropes by which the buckets are suspended should be of pucka leather, and the portions near the buckets which are submerged in water had better be iron chain.

(*c*) In the native *kose*, the nozzle is made five spans in length. This often requires the driver to give a jerk to the bucket when being emptied, to ensure a comple discharge. With the nozzle six spans in length this trouble is obviated (span 9 inches).

(*d*) The ends of the bucket ropes should be so tied to the drum bars that the turning point may not come against one of the pillars; otherwise there will be a difficulty in turning the bullocks round.

The plan is taken from a lift actually constructed by Mr. Strip in his farm at Hansol, but the original cost of the construction might be considerably reduced by building two piers of masonry with a single beam spanning over. This would be as efficient and much less costly than Mr. Strip's four pillars and five beams, and besides would give greater freedom as regards the turning points of the bullocks referred to in section (*d*), paragraph 3.

A spinning wheel. Sitaram Joshi. It is used for spinning cotton and wool thread, and is worked by the hand. Price Rs. 5.

A drawplate worker's implements A—M. A drawplate worker generally uses 13 tools. They are (*a*) the stool to support the winch; (*b*) lod; (*c*) nippers, (*d*) chain to go round the winch; (*e, f, g,*) drawplates; (*h*) anvil; (*i*) hammer; (*j*) tongs; (*k*) blowing pipe; (*l*) an iron mould called atni, and (*m*) pincers. He draws gold and silver into plates. Price Rs. 25.

After the gold is purified by the guilder, the drawplate worker (or pavtekari) makes into wire by dragging it through the drawplate according to the thickness of the wire he desires to make. For this the bar is heated, and it is thin and pused through the largest whole in the drawplate (a metal plate pierced by holes of varying sizes), which is set against the wooden uprights fixed in the ground. The point of the bar, when it shows the drawplate, is caught by a pair of strong pincers whose handles are joined by a chain and ring to one of the spokes of a winch. This winch has a drum, one foot in diameter, and three feet long fixed inside sockets, and at right angles to the drum, has three arms which work in a hole about 6 feet by 3 feet and 3 feet deep. When the end of the bar is tightly fastened to the winch, and a workman draws it down laying all his weight on one arm of the winch, and forces down the point of the bar through the whole in the drawplate when the bar has passed through the plate, the point is again hammered, and in the same way is dragged through a smaller hole. This is repeated about twenty times.

A goldsmith's instruments from A to G, consisting of his various implements. A goldsmith generally uses eight implements. They are—(*a*) the vegheshari,

a sort of a fire-place where the gold is softened and purified. When melted it is taken into a mould called otni (*b*); then the mould is given shape or roughness removed by hathodi (*c*); (*d*) the fúkni is the blowing used in keeping of the fire in the vagheshari. The other implements used are, (*e*) the scissors, katur, (*f*) sansi or nipper, (*g*), the tongs, and lastly, the mould, usually of brass, on which various kinds of nakashi are given. Price Rs. 10.

A wooden sieve. It is a round full-sized wooden sieve used for sifting grain all over the Presidency. Price Rs. 2.

A grinding mill. It is a wooden model of stone grinding mill used in Bomay and all over the Presidency. Price Rs. 3.

A watering machine. A model of a watering machine, water being lifted by man working at the rafter to which the bucket rope is attached.

A watering machine. A model of a peculiar watering machine, the water being lifted by a man working with the bucket (*supdi*).

An oil mill. A model of the native machine for pressing out oil. Price Rs. 10.

A sugarcane mill with two wheels. A machine for pressing out juice from sugarcane. The juice when condensed by evaporation in a large iron pan forms jaggery. Price Rs. 25.

A sugarcane mill with three wheels. This machine has three wheels, thus increasing the strength of the machine to press out juice. Price Rs. 25.

A wooden mortar and pestle. Model of the native mortar for pounding. Price Rs. 3.

A mote with a well. Model of the native water-lift kosh, worked by one yoke of oxen. Price Rs. 15.

Persian wheel worked by man. A model of the water-lift where the water is poured down out of the buckets into a sluice as the wheel is turned by men. Price Rs. 6.

Persian wheel worked by bullocks. This is the model of the Persian wheel worked by bullocks. Price Rs. 10.

A manure cart. A model of the cart used by cultivators for conveying manure. Price Rs. 15.

Coppersmith's instruments. The implements used are—*a*, kharvi; *b*, galvanchi; *c*, bhatta; *d*, shandan; *e*, thokla; *f*, mogri; *g*, kumpus; *h*, chani; *i*, katur; *k*, hathoda, large and small. Price Rs. 15.

A stone-cutter's implements. The implements used by a stone-cutter are—hathoda and taki of various sizes. Price Rs. 7.

Carpenter's instruments. Carpenter's instruments are—*a*, tasni; *b*, randa; *c*, kurwat (saw); *d*, kurva; *e*, kasni; *g*, darad; *h*, dudhalia; *i*, galchi; *j*, bit; *k*, katkona; *l*, sadya; and *m*, patasi. Price Rs. 10.

Silk spinning machine, large. The spinner places a number of skeins on different parts, and from them transfers the thread to a number of small reels. These reels are all arranged in a semi-circle, all facing the same way. He then draws a thread from each reel, and sitting, facing the point, fastens the thread to a spindle and spins, repeating the process till the yarn is finished. Price Rs. 15.

Silk-spinning machine, small. Price Rs. 10.

A weaving machine. It is used for weaving cotton. The parts are the pajni, asadi, dhota, túra, khúta, and gaj. Price Rs. 25.

Gold and silver thread-maker's machine. The parts used are the stand and the chatti. Price Rs. 14.

An implement of a hawker, in parching rice. This implement is used for making pow, a preparation from rice. Price Rs. 6.

Implements for bhadbhuja (a hawker) in parching grain. Price Rs. 6.

Bricklayer's implements. The implements used are—sandhan, sutki, and thapil of various sizes, olumba, and gunya. Price Rs. 2.

Blacksmith's instruments. A blacksmith's instruments are—bhatta, sandas, airam (anvil), kumpas, chani katur, chimta, hathoda of various sizes. Price Rs. 10.

Confectioner's implements. The various implements used are—*a*, sakriha har; *b*, sakriha har (small); *c*, sakriha chitra; *d*, kakun; *e*, kudai; *f*, kowcha; *g*, dowri; *h*, pyala; *i*, panchaptari; *j*, malacha sakricha hair. Price Rs. 25.

Potter's implements. The implements used by a potter are—*a*, khúta; *b*, kathi; *c*, chaka. Price Rs. 5.

A water-lift. Presented by Rao Sahib Bechardas Vehari Das Iesai.

Kean plank. This plank is used for leveling ground.

Indigo planting instrument. This instrument is best adapted to planting indigo.

Sind plough. This is a model of the plough used in the districts of Sind.

A plough (*nangar*). It is a large plough, rather heavy, on account of the share of it being large; it is of strong make, answers well, and used all over Sind.

Pick. It is of rough make, and is used in many parts of the Presidency.

Clod crusher. It is very heavy and of a rough make.

Clod crusher. It is a board about 6 inches long with two holes, into which a split hole is fixed, to which can be joined the yoke of the plough. For crushing the clods a heavy stone is placed on the split dart of the pole and the gúthi is dragged along the ground.

Ramm. It is of rough make and heavy, and used in crushing clods.

A manure cart. This is a model of a manure cart used by cultivators to convey manure. It is of a rough make.

A plough. It is a small plough used by the cultivators all over Guzerat.

A hoe for tobacco. It is used by the cultivators for regulating tobacco.

A small tobacco regulator. Same as the ramp for tobacco, but smaller in size.

A cultivator for rice-land. It is used for cultivating land where rice is to be sown.

A seed drill. It is of rough make, and is used all over Guzerat and Kattyawar.

A levelling implement. An implement to level the ground where rice is to be sown.

A rope twister. They are used for twisting rope of the leather mote used in lifting water from a well.

A water-lift. It is used for conveying water to the field by the cultivators; is of a rough make.

A water-lift. It resembles the ordinary chopping implement, and is somewhat of a rhomboid in form, one side being curved up so as to hold water. The cultivator dips this into the pool containing water, lifts it up and lets the water fall in an upper place.

Sub-soil plough. It is a plough for loose sub-soil ground, made at the College of Science, Poona.

This implement is intended to break the sub-soil without bringing it to the surface. It facilitates drainage, deepens the staple, and give the roots of plants access to deeper layers of soil. It is very efficacious in extirpating the Hariali grass (cynodon dactylon), which is so very troublesome and otherwise expensive and detrimental to the cultivation.

It consists of a wooden pole, rather bent in the centre. To the end of the pole, furthest from the point where the yoke of the bullocks is fastened, is attached a sub-soiling knife or coulter. The knife is made wholly of iron, and is semi-circular in shape, and is attached to the pole by means of two thick nails driven in opposite directions. By loosening these nails the knife can be lowered or raised according as it is required to go deep or shallow. It can be worked with one, two, or three pairs of bullocks according to the depth at which it stirs the soil. It cuts the soil to a depth of 6 to 18 inches. The work done by this implement is more real than apparent, as it does not cut a wide furrow. It can be made by an ordinary village workman at a cost of about fifteen rupees in three days.

Levelling block. It is a block of wood channeled on its surface.

Plough and its accompaniments (*Nangar*). This is the form of plough used in districts round about Poona.

Ground leveller (*Kulava*). This is an implement to level ground.

Sowing implement (*Pábhár*). An instrument for sowing where the seeds pass down through bamboo tubes.

Weeding implement (*Kolpi*). An implement used in weeding.

Seed coverer (*Rasam*). An implement to cover the seeds used in many parts of the presidency.

Implement for weeding (*Kolpi*). An implement used by cultivators for weeding.

Implement for separating grain from husk (*Dátále*). It consists of a block of wood in which are driven wooden pegs and the handle.

Implement for furrowing (*Bilungi*). An implement of rough make for furrowing the ground.

A hooked pole (*Kodalé*). An implement to separate grain from husk.

Implement for sewing cotton (*Moghan*). An implement best suited to cotton sewing.

A mote with a well. A model of the native water-lift by one yoke of oxen.

A Persian wheel worked by man. A model of the water-lift where water is poured down by a series of buckets attached to the wheel into a tube which is so constructed as to receive and convey water. The wheel is turned in one direction by men.

A manure cart. Model of the cart used by cultivators for conveying manure.

A plough. It is of a rude make, and is drawn by one yoke of oxen. The single bar which forms the yoke, called Jokad, is fixed to the neck of beasts by two pegs which fall in front of each shoulder. The pole is called Isad.

A mote bucket of leather. It is a circular leather mote bucket, about 4 feet in diameter. At the circumference are a number of holes to pass ropes and thus convert it into a sort of cup which lifts water from the well, and is used in Tannah and many parts of Guzarat.

A levelling instrument. It is of a rough make and heavy, and is used to level the ground of the field.

A sort of rake. It consists of a part in which are fixed a number of wooden pegs to draw over a sown field. In this part is fixed the long pole or the handle.

A scythe. It is a scythe with a wooden handle and used to cut off weed from the fields; is of a semi-circular form.

A wooden turf spade. It is of rough make, consisting of a heavy block of wood, to which is attached a long pole to move it on. It is used for crushing clods.

An implement drawn over ploughed ground. An implement drawn over ploughed ground after the clods are crushed to level and smoothen it.

A flail. It is a thin light bamboo stick with a hook at one end.

Clod crusher. It is of rough make, consisting of a heavy block of wood, to which is attached the pole or handle to move it on, and used for smoothening ploughed ground.

Clod cleaner. It is used in removing hard clods which remain uncrushed by the clod crusher.

An oil mill. A model of the native machine for pressing out oil.

A sugarcane mill with two wheels. A machine for pressing out juice from sugarcane. This juice is condensed by evaporation, and becomes the gur or jaggery.

A sugarcane mill with three wheels. This machine has three wheels, so that more juice can be pressed out in a much less time than that by the one with two wheels.

A hand mill. The ordinary stone mill used by the natives.

Iron pan for boiling sugarcane juice (*Kadhai*). A pan for condensing sugarcane juice by evaporation.

A pole (*Tivda*). It is a straight pole which is fixed in the centre of the threshing floor.

A ring (*Bhoni*). A ring made of some creeping plants, to be round the Tivda.

A forked stick (*Baddi*). It is a stick for turning up the stalks of the straw in the threshing floor as the bullocks go on moving.

A club. A heavy stick used in threshing.

A wooden sieve (*Chalni*), sent by Sitaram Joshi. It is a round full-sized wooden sieve. The hollow of sieve is of hemp string. It is used for sifting grain.

Photographs showing cotton cleaning, ploughing, &c., as done in Sind, sent by J. A. Murray, Esq., Curator, Karachi Museum.

AGRICULTURAL IMPLEMENTS OF ASSAM.

Sent by E. STACK, Esq., Officer in charge of Assam Exhibits.

Model of an oil mill (*Tel-sál*) received from Barpeta.

Hoe (*Dwar-Bamuni*), made by Mikir goldsmiths of iron, wood, and steel; used by the Mikirs in hoeing lands on the slopes of hills for cultivating early rice and other corns.

Dáo, made by Mikir goldsmiths of iron, wood, and steel; used in cutting jungles and clearing land.

Jhao or *Faranga*, made by Mikir goldsmiths of iron, wood, and steel; used in cutting and splitting wood.

Katari or knife (*Rangkhang*), made by Mikir goldsmiths of iron, wood, and steel; used in preparing betel-nuts.

Hatdáo, made by Mikir goldsmiths of iron, wood, and steel; used in preparing bamboo for house-building and other purposes, and for other domestic works.

Plough with iron share, made in Darang by the Hindus and the semi-hill tribes.

Plough with bamboo share, made in Darang by the Kacharis.

Small size rake, used in thinning plants and clearing weeds.

Large sized rake, used in thinning plants and clearing weeds.

Mallet, used in breaking clods.

Harrow, used in gathering weed and useless jungle.

Boiler (*Lahli*), used in boiling water when attached to a bamboo handle.

Rowna, being a piece of wood cut in the form of a half moon with a handle attached to it, used for gathering corn after being threshed.

Ukhan, a bamboo stick, used for stirring grain when being threshed or dried.

Switch (*Achhári*), an ordinary thick stick made of bamboo, used for driving cattle.

Hoe, made by the Bengali blacksmiths.

Brass sieves, made by the braziers of Darang, used in sifting rice and tea.

Bamboo sieve, made by all tribes, used for sifting rice and tea.

Sugarcane mill, made by the jail carpenter of the Darang Jail.

Wood (*Gechi*), cut from the neighbouring jungles, used as a hoe for digging in cultivation.

Iron purchased from the plains and made into a dáo by Garo blacksmiths (Garo—*Áte*); used for cutting jungle

Iron purchased from the plains and made into a dáo by Garo blacksmiths (Garo—*Áte*); used for cutting jungle; of different shape.

Iron purchased from the plains and made into a dáo by Garo blacksmiths (Garo—*Áte*); used for cutting jungle; ditto of different shape, used as a sickle for cutting rice and grass (*kachi*).

Iron purchased from the plains and made into a dáo by Garo blacksmiths (Garo—*Áte*); used as an axe for felling trees (*Ruá*).

The following implements, used by Semas, Lhotas, and Eastern Angamis, have been collected from the Naga Hills:—

				Rs.	A.	P.
Lhota	Dao.	Price		3	0	1
„	Rake	„		0	4	0
„	Axe.	„		1	8	0
„	Hoe.	„		2	0	0
„	Sickle.	„		0	8	0
Sema	Rake.	„		0	2	0
„	Dao	„		1	8	0
„	Hoe.	„		1	8	0
„	Axe.	„		1	0	0
Angami	Dao.	„		2	0	0
„	Dao.	„		2	0	0
„	Axe.	„		1	8	0
„	Hoe.	„		1	8	0
„	Sickle.	„		0	4	0
Eastern Angami	Dao	(Mloma)		2	0	0
„	„	„ (Hoe)		1	8	0

The following agricultural implements have been collected from the Khasi and Jaintia Hills.

U Shalyngka (*crowbar*), made at Nongkhlaw, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for digging earth, &c. Price Re. 1-12.

Ka-wait lyng-ngun (*a big dáo*), made at Nongkhlaw, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for felling trees in jooming. Price Rs. 2.

Ka-wait lyngen (*a smaller dáo*), made at Nongkhlaw, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for felling trees in jooming. Price annas 12.

Ka-wait prat (*a pruning*), made at Nongkhlaw, Khasi and Jaintia Hills, by Khasia blacksmiths, and used in pruning. Price annas 12.

Ka-wait khmut (*a bill-hooked dáo*), made at Nongkhlaw, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for felling smaller trees; it is used also in jooming. Price annas 12.

U Mohkhinheb (*a big hoe*), made at Nongkhlaw, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for turning turfs and digging drains. Price Re. 1.

U Mohkhinheb rit (*a small hoe*), made at Nongkhlaw, Khasia and Jaintia Hills, by Khasia blacksmiths, and used for harvesting potatoe crop. Price annas 5.

U Suar (*a wedge*), made at Nongkhlaw, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for breaking stones and making drains. Price annas 8.

Ka-wait tari (*a knife*), made at Nongkhlaw, Khasia and Jaintia Hills, by Khasia blacksmiths, and used for cutting petty things. Price annas 4.

Ka-wait sydie (*a large dáo*), made at Nongston, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for felling big trees. Price Re. 1.

Ka-wait khamrit (*a smaller dáo*), made at Nongston, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for felling small tress. Price annas 10.

Ka-wait tari (*another smaller dáo*), made at Nongston, Khasi and Jaintia Hills, by Khasia blacksmiths, and used for clearing shrubs and for cutting small things. Price annas 3.

Ka-tari (*a knife*), made at Nongston, Khasi and Jaintia Hills, by Khasia blacksmiths and used for cutting small things. Price annas 2-6.

Ka-wait lyng ngure (*a big dáo*), made at Mylluna, by Khasia blacksmiths, and used for felling big trees. Price Rs. 3-8.

Ka-wait prat (*a pruning dáo*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for pruning. Price. Re. 1-8.

Ka-wait khmut (*a bill-hooked dáo*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for felling smaller trees. Price Re. 1-2.

U Sydie (*an axe*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for felling big trees in jooming. Price Re. 1-8.

Ka-tari (*a knife*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for cutting petty things. Price annas 5.

Ka-lyngkor (*a plough*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for ploughing. Price Rs. 2-8.

Ka-rashi (*a sickle*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for reaping. Price annas 6.

Ka-wait lyngngun (*a big dáo*), made at Nongkrem, by Khasia blacksmiths, and used for felling big trees. Price Rs. 3-8.

Ka-wait khmut (*a bill-hooked dáo*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for felling smaller ones. Price Re. 1-2.

Ka-wait prat (*a pruning dáo*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for pruning. Price Re. 1-8.

Ka-wait rit (*a hatchet dáo*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used for cutting smaller things. Price annas 4.

U nar ti khyndew (*a smaller iron implement pointed and fixed to a long wooden handle*), made at Khasi and Jaintia Hills, by Khasia blacksmiths, and used in digging drains, &c. Price annas 5.

U mohkhin (*a hoe*), made at Jaintia Hills, by Syntengs, and used for turning turfs, &c. Price Rs. 2-8.

U sydie (*an axe*), made at Jaintia Hills, by Syntengs, and used for felling big trees in jooming. Price annas 10.

Kawait (*a dáo*), made at Jaintia Hills, by Syntengs, and used for felling smaller trees in jooming. Price annas 10.

U mohkhim kyllastong (*a hoe*), made at Nongkhlaw, Khasi Hills, by Khasias, used in turning turfs and digging earth.

U mohkhim sai (*a hoe*), made at Nongkhlaw, Khasi Hills, by Khasias, used in levelling the ground for cultivation.

Ka-wait lyngngum (*a big dáo*), made at Mylhëm, Khasi Hills, by Khasias, used for felling trees, and is used for several purposes.

U kara (*a big dáo*), made at Mylhëm, Khasi Hills, by Khasias, used in earthing young plants.

Ka-wait prat (*a dáo*), made at Mylhëm, Khasi Hills, by Khasias, used in clearing grass jungle.

Ka-wait shyrti (*a pruning dáo*), made at Mylhëm, Khasi Hills, by Khasias, used in jooming.

Ka-wait pomnur (*a dáo*), made at Mylhëm, Khasi Hills, by Khasias, used in making drains, &c.

Ka rashi (*a sickle*), made at Mylhëm, Khasi Hills, by Khasias, used for reaping.

Ka tari (*a knife*), made at Mylhëm, Khasi Hills, by Khasias, used for cutting petty things.

Ka lyngkor (*a plough*), made at Mylhëm, Khasi Hills, by Khasias, used for ploughing.

Ka moi (*a harrow*), made at Mylhëm, Khasi Hills, by Khasias, used for harrowing.

Ka juwar (*a yoke*), made at Mylhëm, Khasi Hills, by Khasias, used for preparing ground for cultivation.

Ka khur, made at Mylhëm, Khasi Hills, by Khasias, used to level and dry the ground after preparation with the harrow.

Ka Dun (*a basket*), made at Mylhm, Khasi Hills, by Khasias, used for carrying seed.

U dieng shop.

Do krai (*a basket*), made at Mylhëm, Khasi Hills, by Khasias, used for carrying millet.

U prah (*a winnow*), made at Malai Sotnuat, Khasi Hills, by Wars, used for winnowing grain.

Ka shalani (*a sieve*), made at Cherra, Khasi Hills, by Wars, used as a sieve in clearing husks.

U thlong and U synrei (*a mortar and a pestle*), made at Mylhëm, Khasi Hills, by Khasias, used for grinding and husking corn.

U Star (*a colle head strap*), made at Cherra, Khasi Hills, by Wars, used for carrying grains, load, &c.

Ka Byrni, (*a bag*) made at Mylhëm, Khasi Hills, by Bhois, used for carrying grain.

Ka khass lyngdung (*a thapp or basket*), made at Mylhëm, Khasi Hills, by Khasias and Bhois, used for carrying grain.

Ka khop dung (*a thapp or basket*), made at Cherra, by Khasias and Wars, used in carrying millet from the field.

U Shang (*a basket*), made at Jaintia Hills, by Syntengs, used in keeping cleaned rice, &c.

U tyrnem (*a hammer*), made at Nongkhlaw, by Khasias, used for breaking stones in making drains for irrigation.

U Suar (*a wedge*), made at Nongkhlaw, by Khasias, used for breaking stones in making drains for irrigation.

U Shalyngka (*a jumper*), made at Nongkhlaw, by Khasias, used for breaking stones in making drains for irrigation.

U Shnot (*a small iron implement pointed and fixed to long wooden handle.* made at Nongkhlaw, by Khasias, used in digging sides of deep drains.

U Sydie (*an axe*), made at Mylhëm, by Khasias, used for felling big trees.

Ka Shamok (*flint and steel*), made at Cherra, by Khasias, used in substitution of matches.

The following agricultural implements have been colleeted from Kachar:—

Banuk, made at the Kuki villages in Kachar, and used for felling trees. Price As. 6.

Hoe, made at the villages in Kachar, and used for scratching earth for the purpose of sowing seeds. Price As. 3-6.

Dao, made at the Kuki villages in Kachar, and used for cutting purposes. Price As. 12.

Sickle, made at the Kuki villages in Kachar, and used for cutting paddy. Price As. 2.

Lakhai, made at the Kuki villages in Kachar, and used for carrying seeds, &c., at the time of sowing. Price As. 1 of.

Kula, made at the Kuki villages in Kachar, and used as a wicker-fan for clearing or winnowing paddy and corn. Price As. 2.

Dao made at the Kachari villages, and used in cutting purposes. Price As. 6.

Axe,	ditto	and used for felling trees. Price As. 6.
Axe, another pattern,	ditto,	and used for felling trees. Price As. 7.
Hoe,	ditto,	and used for sowing seed. Price As. 2.
Sickle,	ditto,	and used in cutting paddy and grass. Price A. 1.
Gail or Pounder,	ditto,	used in husking rice. Price As. 4.
Kula, sifter,	ditto,	and used in cleaning corn.

Lakhai, made at the Kachari village, and used in carrying seed at the time of sowing. Price As. 2.

Lakhai, another pattern, ditto, and used in carrying seed at the time of sowing. Price As. 6.

Hoe, made at the Mikir villages, and used in sowing seed. Price As. 8.

Sickle, ditto, and used for cutting paddy. Price As. 2.

Axe, ditto, and used for felling trees. Price Re. 1.

Gail or pounder, ditto, used in husking rice.

MISCELLANEOUS.

"Corrimony" Fence, a new system of wire fencing designed by Thomas Ogilvy, Esq., of Corrimony, Invernesshire, and manufactured by Messrs. William Bain and Co., Patentees, Lochvin Iron Works, Lower Gilmore Place, Edinburgh, sent under instructions of E. C. Buck, Esq., Secretary to the Government of India in the Revenue and Agricultural Department.

RAW PRODUCTS COLLECTED BY THE GOVERNMENT OF INDIA IN THE REVENUE AND AGRICULTURAL DEPARTMENT.

I.—ANIMAL PRODUCTS.

BEAVER (old), from Babu Amba Datt Joshi, Almora.
BEES, from A. Parsons, Esq., Simla.
" (called *sim*), of Jaunsar Himalayas, from Agricultural Department, N.-W. P.
" (large, wild, known as *bhural*) " " " "
" (wild), from Agricultural Department, Punjab (two exhibits).
" (young, domesticated), from Agricultural Department, Punjab.
" (wild, small, known as *ladwa*), from Agricultural Department, N.-W. P.
" (wild), from Agricultural Department, Punjab.
" (big), from Forest Department, Northern Circle, Karnúl.
" " " " Nilgiris.
" " " Southern Circle, North Arcot.
" (small), from " Northern Circle, Karnúl.
" (Doma-tona) from Forest Department, Madras, Northern Circle.
" (Pulla-tona) " " " " "
" from Babu Amba Datt Joshi, Almora.
" (Rock) from Forest Department, Madras, Northern Circle.
Damin nga-pi, from Officer in charge of Burma Exhibits.
FISH (dried), " " "
" (*Dagoti*) from Dr. D. MacDonald, Bombay.
" (*Dhoma*) " " "
" (*Sarmai*) " " "
" (*Binji*) " " "
" (*Bombil*) " " "
" (*Sode*) " " "
" (*Columbi*) " " "
" (*Jaola*) " " "
" (*Curandi*) " " "
" (*Chamna*) " " "
" (*Dhoni Sakal*) " " "
" (*Tungli*) " " "
" (*Gabali of Bungi*) " " "
" (*Molka*) " " "
" (*Mandula*) " " "
" (*Koti*) " " "
Gonra (shell), from Government of India, Calcutta.
Ghi (cow), from Superintendent, Government Farm, Cawnpore.
" (sheep), from Agriculture Department, N.-W. P. (two exhibits).
HIDE (cow), from Chittagong Local Committee.
HONEY, from Major D. G. Pitcher, Bahraich.
" " Forest Department, Madras, Southern Circle.
" " " " South Canara.
" " " " Northern Circle.
" (*Shahed khaira*), from Superintendent, Government Farm, Cawnpore.
" (*Shahed dangra*) " " " " "
" (*Mom khaira*) " " " " "
" (*Mom dangra*) " " " " "
" from Agriculture Department, N.-W. P., through Collector, Pilibhit.
" " A. Parsons, Esq., Simla.
" " Babu Amba Datt Joshi, Almora.

HONEY (made by young domesticated bee), from Agriculture Department, Punjab.
" (made by big bees), from Forest Department, Madras, Karnúl.
" (" " ") " " Oudh, Bahraich Circle.
" (" small bees) " " " "
" from Babu Amba Dutt Joshi, Almora.
" (rock bees) from Forest Department, Madras, Northern Circle.
" (Pullatena bees) " " " "
" (Domatena bees) " " " "
" (stingless bees) " Commissioner of Settlement, Lahore.
HONEY-COMB (big bees), " Forest Department, Madras, South Coimbatore.
" " Babu Amba Datt Joshi, Almora (three exhibits).
" (with honey in a hole of wood), from "
" (in a glass case) " "
" (with living bees), from Forest Department, Oudh, Bahraich.
" from Forest Department.
" " Agriculture Department, N.-W. P., through Collector, Pilibhit.
" (*Kadir*), from Forest Department, Madras, South Coimbatore.
" (*Sak* or *pai*), from Jaunsar, through Agriculture Department, N.-W. P.
" from Saharanpur, made by large wild bees (*bhurals*).
" " " " small bees (*ladwa*).
HORN (deer), from Babu Amba Datt Joshi, Almora.
" (antelope), from Superintendent, Government Farm, Cawnpore.
" (deer) " " " " "
" (*chibra*) " " " " "
" (*sambar*), from Forest Department, South Coimbatore.
" (spotted deer), from " " "
" of oxen, from Superintendent, Government Farm, Cawnpore.
" " (manufactured), from " " "
" " (unmanufactured), from " " "
" (elk), from Forest Department, South Coimbatore.
" (buffalo), from Collector of Monghyr.
" (deer) " Local Committee, Chittagong.
INSECTS' NESTS " " " (two exhibits).
Jhinuk (mother-of-pearl), from Government of India, Calcutta.
Jinka, from Forest Department, Madras, North Arcot.
Kasturi (shell), from Government of India.
Musk, from Babu Amba Datt Joshi, Almora.
Nga-ku-pi (two kinds), from Officer in charge of Burma Exhibits.
Nga-pi (three kinds) " " "
PEACOCK FEATHERS, from Superintendent, Government Farm, Cawnpore.
PORCUPINE QUILLS, from Collector of Monghyr.
RED ANTS' NESTS, from Forest Department, Madras, South Coimbatore.
Samuk (shell), from Government of India, Calcutta.
SHELLS, from Officer in charge of Burma Exhibits.
" (large *jhinuk*), from Babu Mahendro Nath Bhattacharjya, Bogra.
" (small "), " " "
" (Sundarbans), from Government of India, Calcutta.
" (*samuk*), from Babu Mahendra Nath Bhattacharjya, Bogra.
" (*gugli*) " " "
" (*shank*) " " "
" (Kastura), from Local Committee, Chittagong (three exhibits).
Shon-Nagu-sa Nga-pi (two kinds), from Burma.
SILK COCOONS, from L. Liotard, Esq., Revenue and Agricultural Department.
" (Japanese), from Superintendent, Botanical Gardens, Saharanpur.
" (with living moths), from Babu Bagola Nand Mukharji.
" (with moth killed) " " "
" from Babu Mahendranath Bhattacharjya, Bogra.
" (black thread) " " "

SILK cocoons, (red thread) from Babu Mohendranath Ahattacharjya, Bogra.
„ (yellow thread) „ „ „
„ (white thread) „ „ „
„ from Local Committee, Malda.
„ and waste, from L. Liotard, Esq., Revenue and Agricultural Department.
„ and waste, from Forest Department, Oudh.
„ „ „ Nagpur.
„ (var. Sidavattam) „ Northern Circle, Madras.
„ („ Rajampet) „ „
„ („ Proddatur) „ „
„ („ Boduce) „ „
„ („ Kandji) „ „
„ („ Madhunapalla) „ „
„ from Babu Amba Datt Joshi, Almora.
„ (white), from Forest Department, Buxa Division.
„ (red) „ „
„ („) „ Babu Mahendra Nath Bhattacharjya.
„ (tasar), „ Collector, Bhagalpur.
„ („) „ District Committee, Puri.
„ („) „ „ Bhagalpur.
„ from Chittagong Local Committee.
SILK (*chasam*), from Babu Bagola Nand Mukharji, Berhampur.
„ (*lal-tana*), from Local Committee, Malda.
„ (deep rose colour), from Babu Bagola Nand Mukharji, Berhampur.
„ (*endi*), from L. Liotard, Esq., Revenue and Agricultural Department.
„ (*Beldanga*), from Babu Bagola Nand Mukharji.
„ (*Hariharpura*) „ „ „ (two exhibits).
„ (Rangpur) „ „ „
„ (raw, twisted) „ „ „
„ (thread matra) „ „ „
„ (green, raw) „ „ „
„ (red, raw) „ „ „
„ (rose-coloured) „ „ „
„ (violet colour) „ „ „
„ (white colour) „ „ „
„ (yellow coloured) „ „ „
„ (raw), from L. Liotard, Esq , Revenue and Agricultural Department.
„ (*Cricula Irifenestrala*), from Forest Department, Madras, Southern Circle.
„ (Persian), from Babu Ajodhya Prasad, Shahjahanpur.
„ (raw), (Japanese), from L. Liotard, Esq., Revenue and Agricultural Dept.
„ (raw), from Babu Bagola Nand Mukharji.
„ (thread, *endi*), from Babu Mahendra Nath Bhattacharjya, Bogra.
„ („) „ Forest Department, Buxa Division.
„ (*munga*), from L. Liotard, Esq., Revenue and Agricultural Department.
„ (*tasar*), from Santal Parganas.
„ (*tasar*, raw), from Collector, Bhagalpur.
„ (*tasar*), from Forest Department, Madras, Southern Circle.
„ (*tasar*, imported), from L. Liotard, Esq.
„ (raw), from R. A. Manuel, Esq., Rangoon.
„ (*tasar*), from Local Committee, Chittagong.
SKIN (of bear), from District Committee, Cuttack.
„ (deer), from Forest Department, Orissa.
„ (flying fox, or *kurtia kural*), from Babu Amba Datt Joshi, Almora.
„ (of wild sheep), from Forest Department, Madras, North Arcot.
„ (of kutra), from Forest Department, Orissa.
„ (of leopard), from District Committee, Cuttack.
„ (of nilgai), from Forest Department, Orissa.
„ (of wild cat), from Babu Amba Datt Joshi, Almora.
„ (of Kumaun kalturi), from „ „

SKIN (of sambar), from Forest Department, Orissa.
„ („) „ „ Madras, North Arcot.
„ (of tiger), from Superintendent, Government Farm, Cawnpore (two exhibits).
„ („) „ District Committee, Cuttack (two exhibits).
„ (of bears) „ „ „
„ (deer) from Chittagong Local Committee.
„ (goat) „ „ „
Tenuruttai, from Forest Department, South Coimbatore.
TIGER GREASE (*charbi*), from Babu Amba Datt Joshi, Almora.
WAX (young bees), from Agricultural Department.
„ (young bees), from Forest Department, South Coimbatore.
„ from Forest Department, Madras, Southern Circle.
„ „ Major D. G. Pitcher, through Tahsildar, Bahraich.
„ „ Forest Department, Orissa.
„ (made by big bees), from Forest Department, Karnúl.
„ from Collector of Pilibhit, North-Western Provinces.
„ „ A. Parsons, Esq., Simla.
„ „ Forest Department, South Coimbatore.
„ (Domatena bees), from Forest Department, Madras.
„ „ „ „
„ „ „ „
WOOL (black), from Alwar State, Rajputana.
„ (white of Bundi), from Harauti, Tonk, Rajputana.
„ (black) „ „
„ (white) „ „
„ (mixed) „ „
„ (white-washed), „ „
„ (1st quality), from Marpalli, Rajputana.
„ (2nd „) „ „
„ (3rd „) „ „
„ (4th „) „ „
„ (white), from R. S. Whiteway, Esq., Ajmir.
„ („) „ Alwar.
„ („) „ Jhalawar.
„ (black) „ „
„ (brown) „ „ Bhartpur, and Karauli.
„ (white) „ „ „
„ (from Sagar district, white), from J. B. Fuller, Esq., Nagpur.
„ („ Chanda) „ „ „
„ („ Bhandara) „ „ „
„ („ Raipur) „ „ „
„ (Sagar, black) „ „ „
„ (white), from Ajmir.
„ (mixed) „ „

II.—MINERAL PRODUCTS.

ALUM, from Government of India, Calcutta.
ANTIMONY „ „ „
BORAX „ „ „
„ („ Tibet), from Agri. Dept., N. W.-P.
„ („ „) „ Collector of Pilibhit.
CHALK, from Government of India, Calcutta.
„ „ Forest Dept., Kumaun.
CHALK-STONE (*Kat khari*), from Government of India, Calcutta.
„ (2nd kind) „ „ „
CLAY (China), from Collector of Bhagulpur.
„ (white) „ Alwar Darbar, Rajputana.

COPPER ORE from Alwar Darwar, Rajputana.
COPPER-STONE ,, Forest Dept., Buxa Division.
,, (Nepal), from Agri. Dept., N. W. P.
COPPER (manufactured), ,, Alwar Darbar, Rajputana.
COTTON-STONE, from Babu Amba Datt Joshi, Almora.
DECOMPOSED FELSPAR, from Collector of Bhagalpur.
FERRI SULPHAS, from Government of India, Calcutta.
GOLD LEAF (mock), from L. Liotard, Esq., Rev. and Agri. Dept.
,, (China) ,, ,, ,,
,, (real) ,, ,, ,,
Gulajban STONE, from Superintendent, Government Farm, Cawnpur.
IRON ORE, from Alwar Darbar, Rajputana.
IRON (Chandia), from Superintendent, Government Farm, Cawnpur.
,, (crude), from Collector of Bhagalpur.
,, (ploughshare), from Collector of Bhagalpur.
,, (manufactured) ,, Alwar Darbar, Rajputana.
Jhardar STONE, from Superintendent, Government Farm, Cawnpur.
LIMESTONE ,, Forest Dept., Kumaun.
LIME ,, ,, ,,
MARBLE, two pieces, from Alwar, Rajputana.
MOSS STONE ,, ,,
OCHRE (yellow) ,, ,,
,, ,, ,,
,, (red) ,, ,,
,, ,, Forest Dept., Orissa.
,, ,, ,,
PINK STONE, two pieces, from Alwar Darbar, Rajputana.
PLASTER (new Bengal) ,, Mokhada Charan Gupta.
SALT (black), from Commissioner of Northern India Salt Revenue.
,, (submerged) from ,, ,,
,, (surface) ,, ,, ,,
,, (Runn swamp) ,, ,, ,,
,, (Didwana, 1st kind) ,, ,, ,,
,, (,, 2nd kind) ,, ,, ,,
,, (,, 3rd kind) ,, ,, ,,
,, (,, 4th kind) ,, ,, ,,
,, (,,) ,, Government of India, Calcutta.
,, (*drang*) ,, ,, ,,
,, (*gumaj*) ,, ,, ,,
,, (*khari satowa*) ,, Commissioner of N. I. Salt Revenue.
,, (,, 2nd kind) ,, ,, ,,
,, (,, 3rd kind) ,, ,, ,,
,, (*khari pabridar*) ,, ,, ,,
,, (*kopat*, black) ,, Government of India, Calcutta.
,, (,, white) ,, ,, ,,
,, (,, green) ,, ,, ,,
,, (,, red) ,, ,, ,,
,, (*pachhadra*) ,, ,, ,,
,, (*sambar*, white) ,, Commissioner of N. I. Salt Revenue.
,, (,, pink) ,, ,, ,,
,, (,, large) ,, ,, ,,
,, (*sambar*, red) ,, ,, ,,
,, (,, pusali) ,, ,, ,,
,, (*chota sambar*, white) ,, ,, ,,
,, (,, pink) ,, ,, ,,
,, (,, black) ,, ,, ,,
,, (*hiragosh*, small) ,, ,, ,,
,, (*hiragosh* large), from Commissioner of N. I. Salt Revenue.
,, (*phalodi*, pan), ,, ,, ,,
,, (*phalodi*, red), ,, ,, ,,

SALT (rock, 1st quality), from Commissioner of N. I. Salt Revenue.
,, (,, 2nd ,,), ,, ,, ,,
,, (,, crystal), ,, ,, ,,
,, (,, pink), ,, ,, ,,
,, (,, white), ,, ,, ,,
,, (,, opaque, soft), ,, ,, ,,
,, (,, ordinary), ,, ,, ,,
,, (,, Mayo mines), ,, Government of India, Calcutta.
,, (,, white), ,, ,, ,,
,, (,, crystal), ,, ,, ,,
,, (Kalabagh) ,, ,, ,,
,, (*Rassi*), ,, Commissioner of N. I. Salt Revenue.
,, (,,), ,, ,, ,,
,, (Sambar, from walled enclosure), ,, ,,
,, (,, ,, bed of lake), ,, ,,
,, (,, ,, solar), ,, ,,
,, (,, pan), from Government of India.
,, (,, lake), ,, ,,
,, (Sultanpur, from Gurgaon), from Commissioner of N. I. Salt Revenue.
,, (,, ,, ,,), ,, ,, ,,
,, (,, ,, ,,), ,, ,, ,,
,, (,, ,, ,,), ,, ,, ,,
,, (transparent), ,, ,, ,,
,, (white, from Marpali, Rajputana), from ,, ,,
,, (Pachbhadra ,, ,, ,,
,, (Didwana), ,, ,, ,,
,, (Sambar Lake, from Marpali, Rajputana), from ,,
,, (*Sajji*, 1st quality), ,, ,,
,, (,, 2nd ,,), ,, ,,
,, (,, 2nd ,,), ,, ,,
,, (,, 3rd ,,), ,, ,,
SALTPETRE, crude *Jhari*), ,, ,,
,, ,, (,,), ,, ,,
,, ,, (,,), ,, ,,
,, ,, (,,), ,, ,,
,, ,, (,,), from Government of India, Calcutta.
,, ,, (*Abi*), from Commissioner of N. I. Salt Revenue.
,, ,, (*kalmi*), from Government of India, Calcutta.
,, (refined, Farukhabad), from Commissioner of N. I Salt Revenue.
,, (,, 2nd kind), ,, ,, ,,
,, salt (Farukhabad) ,, ,, ,,
,, ,, (,,), 2nd kind), from ,, ,,
,, ,, (,,), 3rd ,, ,, ,, ,,
,, *Sang Jarahat*, from Government of India.
,, (Nepal), from Agri. Dept., N.-W. P.
SLATE, from Alwar Darbar, Rajputana.
STONE, used in pounding tobacco, from Alwar Darbar, Rajputana.
,, from Superintendent, Government Farm, Cawnpore.
SULPHUR, ,, ,, ,,
SULPHURATE OF ALUMINA, from Bahraich.
TALC, from Collector of Bhagalpur.
,, (black), from Government of India, Calcutta.
WHET-STONE, from Alwar Darbar, Rajputana.

III.—FOOD SUBSTANCES.

ALLIUM CEPA, from A. Parsons, Esq., Simla.
ALOE VULGARIS (leaf pulp), from Forest Dept., Ranikhet.
Alu (unidentified), ,, ,, Assam, Sibsagar.

AMARANTUS ANAEDANA (red), from Supdt., Botl. Gardens, Saharanpur.
" (white), " " " "
AMARANTUS. BLITUM, from Government of India, Cawnpore.
" " Superintendent., Botanical Gardens, Saharanpur.
" " Alwar, Rajputana.
AMARANTUS FRUMENTACEUS (seed), from A. Parsons, Esq., Simla.
" " " Calcutta.
" (black), " Babu Amba Datt Joshi, Almora.
" from Collector of Pilibhit.
" (white), from Babu Amba Datt Joshi, Almora.
AMARANTUS SP., from Government of India, Calcutta.
" " " Cawnpore.
AMORPHOPHALLUS CAMPANULATUS, from Supdt., Botl. Gardens, Saharanpur.
ANACARDIUM OCCIDENTALE, from Forest Dept., Madras, Nellore.
ARUM COLOCASIA, " " " (three exhibits).
ASPLINIUM POLYPODIOIDES (fruits), from Forest Dept., Ranikhet.
AVENA SATIVA, from Government of India, Calcutta.
" (Cape oats), trade sample, 40lbs., from Govt. Farm, Cawnpore.
" from Superintendent, Botanical Gardens, Saharanpur.
BAMBUSA ARUNDINACEA (unhusked rice), from Babu M. N. Bhattacharjya, Bogra.
" (husked rice), " " "
Bara-kalai, pulse (unidentified). " " "
Barhee, from Babu Amba Datt Joshi, Almora.
Barsola. through Agri. Dept., Bahraich.
Boron (unidentified), from Alwar Darbar, Rajputana.
BASSIA LATIFOLIA, trade sample, 5lbs., from Government of India, Calcutta.
" from Government of India, Cawnpore, (two exhibits).
" trade sample, 82lbs., from Supdt., Govt. Farm, Cawnpore.
Basura (unidentified), (unhusked), trade sample, 82lbs., from Supdt., Govt Farm, Cawnpore.
" " (husked), trade sample, 40lbs., from Supdt., Govt. Farm, Cawnpore.
BATATAS EDULIS, from Babu Amba Datt Joshi, Almora.
BAUHINIA MALABARICA, from Forest Dept., Ranikhet.
BAUHINIA VAHLII, from Ranikhet.
" " Babu Amba Datt Joshi, Almora.
Bejhar (mixed grain), from Alwar, Rajputana.
Bejhar (" "), " " Cawnpore.
Bhangaila (unidentified), from Agri. Dept., N.-W. P., through Collector of Pilibhit.
Bhedy, var. (Taluka Newasa), from Exhibition Committee, Ahmadnagar.
" " (Jamkhed) " " "
" " (Kurjat) " " "
Botara, green (unidentified), from Agri. Dept., Central Provinces.
" white " " "
BRASSICA JUNCEA (leaves), from Babu Amba Datt Joshi, Almora.
BUCHANANIA ANGUSTIFOLIA, from Forest Dept., Madras, Cudappa.
BUCHANANIA LATIFOLIA, from Government of India, Cawnpore.
Burti, var. (Taluka Shreegonda), from Exhn. Committee, Ahmadnagar.
CAJANUS INDICUS, trade sample, 10 lbs., from Govt. of India, Calcutta.
" (split) " 10 lbs. " " "
" (large) " 40 lbs. " " "
" from Alwar, Rajputana.
" " Government of India, Lucknow.
" (black), from " " .
" (var. *Tumur*), from Government of India, Lucknow.
" (split) " " "
" " " " Cawnpore.
" (split), from Babu Nandalal Banerji, Behar.
" from F. Duthie, Esq., Botl. Gardens, Saharanpur.

CAJANUS INDICUS (small red), trade sample, 40 lbs., from Agri. Dept., C.P.
" (red), trade sample, 50 lbs., from Babu L. P. Barman, Supdt., Govt. Farm, Cawnpore.
" (white tur), trade sample, 50 lbs., from Agri. Dept., C. P., Nagpur.
" (white), from Babu L. P. Barman, Cawnpore.
" trade sample, 56 lbs., from Agri. Dept., C.P., Jabalpur.
" (black), from Babu L. P. Barman, Cawnpore.
" (white), trade sample, 32 lbs., from Agri. Dept., C. P., Narsingpur.
" (split), from Supdt., Botanical Gardens, Saharanpur.
" trade sample, 42 lbs., from Agri. Dept., C. P., Narsingpur.
" (var. *bicolor*), from Supdt., Bot. Gardens, Saharanpur.
" (large), from Agri. Dept., C. P., Nagpur.
" from Superintendent, Botl. Gardens, Saharanpur.
" from Babu Mahendranath Bhattacharjya, Bogra.
" (white tur), trade sample, 32lbs., from Agri. Dept., C. P., Nagpur.
" trade sample, 40 lbs., from Govt. of India, Calcutta.
" (small), from Agri. Dept., C. P., Nagpur.
" (split), trade sample, 40 lbs., from Govt. of India, Calcutta.
" (split) " 40 lbs. " " "
" (split), from Government Farm, Saidapet, Madras.
" (hill variety and split), from " "
" (Taluka Jamkhed), from Ex. Comtee., Ahmadnagar.
" " Shreegonda), " " "
" (bicolor), from Ex. Comtee. Ahmadnagar.
" from Chittagong Local Committee.
" " Deputy Commissioner, Manbhum.
COLOCASIA ANTIQUORUM, from Forest Dept., Central Prov., Betul.
CASSIA TORA, from Forest Dept., Ranikhet.
CERATONIA SILIQUA, from Government of India, Calcutta.
" " Horticultural Gardens, Lucknow.
CHENOPODIUM ALBUM, from Babu Amba Datt Joshi, Almora.
CICER ARIETINUM, from Babu Nanda Lal Banerji, Behar.
" (yellow), trade sample, 40 lbs., from Agri. Dept., Nagpur.
" trade sample, 8 lbs., from Govt. of India, Calcutta.
" (split), trade sample, 10 lbs., from Govt. of India.
" (Patna), trade sample, 10 lbs., from Govt. of India.
" (var. Patna, white), trade sample, 12 lbs., from Govt. of India, Calcutta.
" from Alwar Darbar, Rajputana.
" " Lucknow.
" (white), from Government of India, Lucknow (two exhibits).
" from Kota Darbar, Rajputana.
" (white), trade sample, 32 lbs., from Agri. Dept., Nagpur.
" from Government of India, Cawnpore (two exhibits).
" (desi brown) " "
" (split) " "
" (red), trade sample, 40 lbs., from Agri. Dept., Nagpur.
" from Supdt., Botanical Gardens, Saharanpur.
" (Kabuli), from " " "
" trade sample, 50 lbs., from Agri. Dept., Central Provs., Jabalpur.
" (desi), 50 lbs., from Babu Lachman Prasad, Cawnpore.
" (white) " " "
" (black) " " "
" trade sample, 56 lbs., from Agri. Dept., Central Provs., Jabalpur.
" from Supdt., Botanical Gardens, Saharanpur.
" (flour) " " "
" (yellow), trade sample, 32 lbs., from Agri. Dept., Central Provs., Narsingpur.
" from Babu Mahendranath Bhattacharjya, Bogra.
" (white) " " "

CICER ARIENTINUM (red), 32 lbs., from Agri. Dept., C. P., Narsingpur.
" (split), from Government of India, Calcutta.
" from F. N. Wright, Esq., Collector of Meerut (two exhibits).
" " Marpali, Rajputana.
" (white), from Government of India, Calcutta.
" (small) " Agri Dept., C. P., Nagpur.
" (Bengal gram), from Supdt., Saidapet Farm.
" (large), from Agri. Dept, C. P., Nagpur.
" (taluka Kurjat), from Exhibition Committee, Ahmadnagar.
" (" Rahary) " "
" (" Kurjot) " "
" (" Newasa) " "
" (" Kopargaum) " "
" (" Jamkhed) " "
" (" Kabuli) " " (four exhibits).

CITRULLUS COLOCYNTHIS, from Supdt., Botanical Gardens, Saharanpur.
" var. fistulosus, from " "
" vulgaris " "

COLOCASIA HIMALENSIS, from Babu Amba Datt Joshi, Almora.

CUCUMIS MELO, var. memordica, from Supdt., Botanical Gardens, Saharanpur.
" from Superintendent, Botanical Gardens, Saharanpur.
" var. utilissimus, from Supdt., Botanical Gardens, Saharanpur. (three exhibits).

CUCURBITA MAXIMA " " "

CURCUMA ANGUSTIFOLIA (root), from Forest Department, Madras, Malabar.
" " (powder), " " "

CYAMOPSIS PSORALIOIDES, from Government of India, Cawnpore.
" " Alwar, Rajputana.
" (black), 40 lbs., from Agri. Dept., C. P., Nagpur.
" from Kotah, Rajputana.
" " Babu Lachman Prasad, Cawnpore.
" " Supdt., Botanical Gardens, Saharanpur.
" " " " " "

Daporţanga (unindentified), from Forest Dept., Assam, Lakhimpur.

DENDROCALAMUS STRICTUM " N.-W. P., Ranikhet.

DIOSCOREA BULBIFERA, from Forest Department, Darjiling.
" " A. Parsons, Esq., Simla.

DIOSCOREA QUINATA " " "
" " Babu Amba Datt Joshi, Almora.

DIOSCOREA SAGITTATA " Forest Department, Ranikhet.
" " Babu Amba Datt Joshi, Almora.

DIOSCOREA VERSICOLOR " " " "
" " Forest Department, Ranikhet.

DOLICHOS ACONITIFOLIUS, from Superintendent, Saidapet Farm.

DOLICHOS BIFLORUS, from Babu Nanda Lal Banerji, Behar.
" trade sample, 8 lbs., from Govt. of India, Calcutta.
" sample, 14 lbs., from Govt. of India, Cawnpore.
" from Agri Dept., Central Provinces, Jabalpur.
" " Supdt., Saharanpur Botanical Gardens.
" " A. Parsons, Esq., Simla.
" (taluka Kurjot), from Exhibition Committee, Ahmadnagar.
" (" Aarnair) " " "
" (taluka Autola), " " "

DOLICHOS LABLAB (*barbati*), from Government of India, Calcutta.
" (*sem*), 10 lbs., from Babu Lachman Prasad, Cawnpore.
" (*sem*), from Supdt., Botanical Gardens, Saharanpur.
" (var. purpurens) " "
" (taluka Aukola), from Exhibition Committee, Ahmadnagar.

DOLICHOS SINENSIS, from Superintendent, Saidapet farm, (two exhibits).

DOLICHOS UNIFLORUS (horse gram) " "

ELEUSINE COROCANA, from Government of India, Calcutta.
" (three kinds), from Babu Amba Datt Joshi, Almora.
" from Government of India, Lucknow.
" " " " Cawnpore.
" " Nandalal Banerji, Behar.
" " Supdt., Botanical Gardens, Saharanpur.
" 40 lbs., from Babu Lachman Prasad, Cawnpore.
" from Supdt., Botanical Gardens, Saharanpur.
" " A. Parsons, Esq., Simla.
" " Superintendent, Saidapet Farm.
" " Alwar Darbar, Rajputana.
" " Deputy Commissioner, Manbhum.
" (taluka Aukola), from Exhibition Committee, Ahmadnagar.
" (" Jamkhed) " " "

ERUCA SATIVA, from Supdt., Botanical Gardens, Saharanpur.

ERVUM LENS, trade sample, 10 lbs., from Government of India, Calcutta.
" " 10 " " " "
" " 8 " (Patna) " "
" from Alwar Darbar, Rajputana.
" " Government of India, Lucknow.
" (split), from " "
" from Kotah, Rajputana.
" " Babu Nandalal Banerji, Behar.
" trade sample, 40 lbs., from Government of India, Calcutta.
" " 28 " " Agri. Dept., Nagpur.
" from Babu Lachman Prasad, Cawnpore.
" " " Amba Datt Joshi, Almora.
" " Supdt., Botanical Gardens, Saharanpur.
" " " " "
" " Babu Lachman Prasad, Cawnpore.
" " Supdt., Botanical Gardens, Saharanpur.
" " A. Parsons, Esq., Simla.
" " Agri. Dept., Central Provinces, Jabalpur.
" " Babu Mahendranath Bhattacharjya, Bogra.
" trade sample, 42 lbs., from Agri. Dept., C. P., Narsingpur.
" (small, split), trade sample, 40 lbs., from Govt. of India, Calcutta.
" (large, split) " 40 lbs. " " "
" (khari, split) " 40 " " " "

FAGOPYRUM ESCULENTUM (kut), from Government of India, Calcutta.
" " from Government of India, Calcutta.
" " " " " Cawnpore.
" " " Supt. " Botl. Gardens, Saharanpur.

FAGOPYRUM POLYGONIDES " Pilibhit, through Agri. Dept., N.-W. P.
" " " Supdt., Govt. Farm, Cawnpore.
" " " Babu Amba Datt Joshi, Almora.

Gauchana (mixed grains) from Alwar Darbar, Rajputana.

Gandahi (unhusked), from Deputy Commissioner, Manbhum.
" (husked) " "

GLYCINE SOJA, from Government of India, Lucknow.
" " " Cawnpore.
" " Supdt., Botanical Gardens, Saharanpur.
" (black), from " "
" (white) " " "
" from Babu Amba Datt Joshi, Almora.
" " Babu Lachman Prasad, Cawnpore.

GRASS SEED (*kurra*), from Marpali, Rajputana.
" (*bhurat*) " " "

HORDEUM VULGARE OR HEXASTICHUM, from Alwar, Rajputana.
" " " Agri. Dept., C. P., Narsingpur. (two exhibits).
" " " Govt. of India, Lucknow (two exhibits).
" " " " Cawnpore.
" " " Babu Ajodhya Prasad, Shahjahanpur.
" " " Supdt., Botanical Gardens, Saharanpur.
" " (desi), 82 lbs., from Babu Lachman Prasad, Cawnpore.
" " (Kotgarh), 20 lbs., from "
" " (beardless), 10 lbs. " "
" " (peerless), 10 lbs. " "
" " (green), 4 lbs. " "
" " from Supdt., Botanical Gardens, Saharanpur.
" " " Babu Ajodhya Prasad, Shajahanpur.
" " " A. Parsons, Esq., Simla.
" " " Babu Mahendra Nath Bhattacharjya, Bogra.
" " 4 lbs., from Babu Nanda Lal Banerji, Behar.
" " from Babu Amba Datt Joshi, Almora.

Kanjankilangu (unidentified), from Forest Dept., Madras, South Coimbatore.
Kantamaru (") " " Assam, Garo Hills.
Kaskala (") " Babu Amba Datt Joshi, Almora.
Kauruja (") " " Lachman Prasad, Cawnpore.
Kerachi (") " " Mahendra Nath Bhattacharjya, Bogra.
Keri (") " Forest Dept., Madras, Nilgiris.
Korali (") " " " "
Khanchi (") " Alwar, Rajputana.
Kuri (") " "
" (") " Supdt., Government Farm, Cawnpore.
Kutki ("), 22 lbs., from Agri. Dept., C. P., Jabalpur.
" ("), 64 lbs. " " Narsingpur.
" (variety), trade sample, 64 lbs. " "
" (husked) " 42 lbs. " " "

LABLAB VULGARE, from Superintendent, Saidapet Farm.
" (white) " "

LAGENARIA VULGARIS, from Babu Amba Datt Joshi, Almora.
" " Supdt., Botanical Gardens, Saharanpur.
" " Babu Amba Datt Joshi, Almora.

LATHYRUS SATIVUS (split), trade sample, 9 lbs., from Govt. of India, Calcutta.
" 8 lbs., from Agri. Dept., Cen. Provs., Nagpur.
" (Patna), from Government of India, Calcutta.
" from " " Cawnpore.
" " Supdt., Botanical Gardens, Saharanpur (two exhibits).
" " Babu Lachman Prashad.
" " " Mahendra Nath Bhattacharjya, Bogra.
" (split), trade sample, 40 lbs., from Govt. of India.
" from Chittagong Local Committee.
" " Babu Nandalal Banerji, Behar.
" trade sample, 40 lbs., from Agri. Dept., Nagpur.
" " 54 " " " "
" (black) " 50 " " " "
" (white) " 50 " " " "
" (red) " 50 " " " "

Lingurah, from Babu Amba Datt Joshi, Almora.
LUFFA ACUTANGULA (*Kali Tarui*), from Supdt., Government Botanical Gardens, Saharanpur.
LUFFA ÆGYPTIACA (*Ghua Tarui*), from " "
Magali kilangu (unidentified), from Forest Dept., Madras, South Coimbatore.
Makra (unidentified), from Alwar Darbar, Rajputana.
Makat ("), " Forest Dept., Assam, Lakhimpur.
MANGO JUICE (dried) " Babu Jadu Nandan Sen, Maldah.
MILLET, from Garo Hills, Assam (two exhibits).
MOMORDICA CHARANTIA, from " "
" " Superintendent, Botanical Gardens, Saharanpur.
Moras (unidentified) " Kotah, Rajputana.
Mullikilangu (unidentified), from Forest Dept., Madras, Coimbatore.
Mung chulla (") " Babu Amba Datt Joshi, Almora.
Mumlo (") " " "
MURRAYA KŒNIGII, from Forest Dept., Cudappa.
MUSA SAPIENTUM " " Ranikhet.
MUSA, SP. (*bankala*), from Babu Amba Datt Joshi, Almora.
Nar root (unidentified), from Forest Dept., Madras, Coimbatore.
Nauratan (unidentified), from Babu Lachman Prasad, Cawnpore.
Nelthankilangu (unidentified), from Forest Department, Madras, South Coimbatore.
NELUMBIUM SPECIOSUM " " Ranikhet.
OPLISMENUS FRUMENTACEUS (seed), from Government of India, Calcutta.
" (husked), from Agri. Dept., C. P., Narsingpur.
" (unhusked) " " "
" Babu Lachman Prashad, Cawnpore.
" from Government of India, Cawnpore.
" " Babu Lachman Prashad, Cawnpore.
" " Government of India, Calcutta.
" (Taluka Ankola), from Exhibition Committee, Ahmadnagar.
" (Shrudondo), " "
" (Kurjot), " "
" (Jamkhed), " "
(See also Panicum frumentaceus).

ORYZA SATIVA, husked (Garbhur), 10 lbs., from Govt. of India, Calcutta.
" " (Peshwari), 10 " " "
" " (Benaful), 10 " " "
" " (Kajla), 9 " " "
" " (Bhawarmoni), 10 " " "
" " (Balam), 10 " " "
" " (Dadkhani), 9 " " "
" " (Patnai), 10 " " "
" " (Karimsail), 10 " " "
" unhusked (Bansphuli), 7 " " "
" " (Khaskand), 7 " " "
" " (Dhunaghora), 9 " " "
" " (Jagannath bhog), 5 " " "
" " (Parmannasal), 5 " " "
" " (Kusumsal), 8 " " "
" " (Ramsal), 7 " " "
" " (Radhabhog), 7 " " "
" " (Gangapal), 7 " " "
" " (Ramgour), 6 " " "
" " (Khejur kandi), 3 " " "
" " (Dana gour), 5 " " "
" " (Modhu madhab), 4 " " "
" " (Chini sakkar), 5 " " "

ORYZA SATIVA,	unhusked	(Khudi khasa),	3 lbs.,	from Govt of India,	Calcutta.
"	"	(Botha),	5 "	"	"
"	"	(Bari),	3 "	"	"
"	"	(Bankin),	7 "	"	"
"	"	(Peshwari),	4 "	"	"
"	"	(Kanak chur),	5 "	"	"
"	"	(Parbotgeri),	6 "	"	"
"	"	(Ghi sal),	6 "	"	"
"	"	(Chammarmoni),	6 "	"	"
"	"	(Roa kala),	5 "	"	"
"	"	(Kalandi),	4 "	"	"
"	husked	(Askuni chawal),	10 "	"	"
"	"	(Sita),	10 "	"	"
"	"	(Pendu),	6 "	"	"
"	"	(Silhet),	10 "	"	"
"	"	(Banktulsi),	10 "	"	"
"	"	(Bhuta),	10 "	"	"
"	"	(Chandra chaitri),	10 "	"	"
"	"	(Raiganj balam),	10 "	"	"
"	"	(Kamini),	10 "	"	"
"	"	(Chinisakkar),	10 "	"	"
"	"	(Kamal bhog),	10 "	"	"
"	"	(Nona),	10 "	"	"
"	"	(Khaevi),	10 "	"	"
"	"	(Nikrasal),	10 "	"	"
"	"	(Ghikur khali),	9 "	"	"
"	"	(Bakui chawal),	6 "	"	"
"	"	(Muri),	5 "	"	"
"	"	(Thik desi),	4 "	"	"
"	unhusked	(Lalkalma),	3 "	"	"
"	"	(Parangi),	3 "	"	"
"	"	(Shal peshwari),	8 "	"	"
"	husked	(Wild, or uri dhan),		"	"
"	"	(Ram sal),		"	"
"	"	(Banaphuli),		"	"
"	"	(Kazli),		"	"
"	"	(Chara mungi balam),		"	"
"	"	(Amtani balam),		"	"
"	"	(Manik kalma),		"	"
"	unhusked	(Sukhdas),		"	"
"	husked	(Sukhdas),		"	"
"	unhusked	(Sathi),		"	"
"	husked	(Sathi),		"	"
"	"	(Barti),		"	"
"	"	(Kangui),		"	"
"	"	(Malkangni),		"	"
"	"	(Darjiling),		"	"
"	"	(Vanjia),		"	Lucknow.
"	"	(Brasi),		"	"
"	"	(Tinun),		"	"
"	"	(Dhain),		"	"
"	"	(Dabula),		"	"
"	"	(Shabola),		"	"
"	"	(Mutmori),		"	"
"	unhusked	(Dabula),		"	"
"	"	(Batisha),		"	"
"	husked	(Tabasi),		"	"
"	unhusked	(Five samples),		"	Ceylon.
"	"	(Ditto),		"	Cawnpore.

ORYZA SATIVA,	husked	(Pasai),		from Government of India,	Cawnpore.
"	"	(Mest),		"	"
"	unhusked	(Sathi),		"	"
"	plant with corn	(Paranji),		"	"
"	"	(Raye),		"	"
"	plant with corn	(Harakel),		"	Calcutta.
"	"	(Ghishal),		"	"
"	"	(Berri)		"	"
"	"	(Parbat jira),		from	"
"	husked	(Sathi),	from Baboo Ajodhya Prasad, Shahjahanpore (two exhibits).		
"	unhusked	"	"	"	" (three exhibits).
"	"	(Hansra),	12 lbs.,	from	"
"	"	(Mutmuri),	13 "	"	"
"	"	(Dudhia),	12 "	"	"
"	husked	(Nebun),	12 "	"	"
"	"	(Hansraj)	12 "	"	"
"	with ear	(Narma),		"	"
"	husked	from Baboo Bogola Nand Mukharji, sent by Baboo Rajendra Nath Sannyal, Sarial, Tipperah.			
"	unhusked	"		"	"
"	"	(Anjuin).		from Supdt., Bot. Gardens,	Saharanpur.
"	husked	(Bhahoraki),		"	"
"	unhusked	(Dhagul),		"	"
"	husked	(Dhobeki),		"	"
"	unhusked	(Gyasu),		"	"
"	"	(Harsa),		"	"
"	"	(Giri),		"	"
"	"	(Hafala),		"	"
"	husked	(Nakaki),		"	"
"	unhusked	(Okhri),		"	"
"	"	(Ramujawain),		"	"
"	husked	(Ramujawain),		"	"
"	"	(Sathe),		"	"
"	unhusked	(Tilibili),		"	"
"	"	(Shobi),		"	"
"	"	(Harsa),		"	"
"	"	(Naka),		"	"
"	"	(Ramjowain),		"	"
"	"	(Sathi),		"	"
"	husked	(Pilibhit, gutani),	40 lbs.,	from Baboo Lachman Prasad,	Cawnpore.
"	"	(Motichun),	40 "	"	"
"	"	(Kareli),	40 "	"	"
"	"	(Sukhraj),	40 "	"	"
"	"	(Chokain),	20 "	"	"
"	"	(Nogon mothra),	20 "	"	"
"	"	(Bansmati),	20 "	"	"
"	"	(Hansraj),	20 "	"	"
"	unhusked	(Gutari),	20 "	"	"
"	"	(Motichan),	20 "	"	"
"	"	(Kareli),	20 "	"	"
"	"	(Sukraj),	20 "	"	"
"	"	(Chokain).	20 "	"	"
"	"	(Nagon mathe),	20 "	"	"
"	"	(Bansmati),	20 "	"	"
"	"	(Hansraj),	20 "	"	"
"	husked	(Bahraich tetia),	40 "	"	"

ORYZA SATIVA, husked		(Hansraj),	40 lbs.,	from Baboo Lachman Prasad, Cawnpore.	
,,	,,	(Bhakna),	40	,,	,,
,,	unhusked	(Bhakna),	20	,,	,,
,,	husked	(Jhinwa),	from	Pilibhit, through Agriculture Department, N.-W. Provinces.	
,,	,,	(Hansaraj),	,,	,,	,,
,,	,,	(Rahumma),	,,	,,	,,
,,	,,	(Bansmatti),	,,	,,	,,
,,	,,	(Anjana),	,,	,,	,,
,,	,,	(Sunkharcha),	,,	,,	,,
,,	,,	(Auchin),	from	Bakarganj Local Committee, through Baboo Promotho Nath Mukharji.	
,,	,,	(Aguni),	,,	,,	,,
,,	,,	(Anchra),	,,	,,	,,
,,	,,	(Kaladema),	,,	,,	,,
,,	,,	(Kala bhog),	,,	,,	,,
,,	,,	(Kalu),	,,	,,	,,
,,	,,	(Kas kalam),	,,	,,	,,
,,	,,	(Kartik jal),	,,	,,	,,
,,	,,	(Kala jahara),	,,	,,	,,
,,	,,	(Kalijira),	,,	,,	,,
,,	,,	(Kali satiya),	,,	,,	,,
,,	,,	(Kali boro),	,,	,,	,,
,,	,,	(Kajal shaib),	,,	,,	,,
,,	,,	(Kala bashir),	,,	,,	,,
,,	,,	(Kendua),	,,	,,	,,
,,	,,	(Ketak),	,,	,,	,,
,,	,,	(Kesamukta),	,,	,,	,,
,,	,,	(Keoppul),	,,	,,	,,
,,	,,	(Kumviagair),	,,	,,	,,
,,	,,	(Kunchi),	,,	,,	,,
,,	,,	(Khaunpat),	,,	,,	,,
,,	,,	(Khat komra),	,,	,,	,,
,,	,,	(Kuchinari),	,,	,,	,,
,,	,,	(Khoia mugri),	,,	,,	,,
,,	,,	(Gangajali),	,,	,,	,,
,,	,,	(Gondokaskira),	,,	,,	,,
,,	,,	(Garcha),	,,	,,	,,
,,	,,	(Gaurekhi),	,,	,,	,,
,,	,,	(Geramaddan),	,,	,,	,,
,,	,,	(Gharbhanga),	,,	,,	,,
,,	,,	(Ghigoj),	,,	,,	,,
,,	,,	(Ghrita sail),	,,	,,	,,
,,	,,	(Chaprash),	,,	,,	,,
,,	,,	(Chapli),	,,	,,	,,
,,	,,	(Chengai),	,,	,,	,,
,,	,,	(Chatrabhog),	,,	,,	,,
,,	,,	(Chhatramala),	,,	,,	,,
,,	,,	(Chilot),	,,	,,	,,
,,	,,	(Chhotomunshi),	,,	,,	,,
,,	,,	(Chhotomantesh),	,,	,,	,,
,,	,,	(Jambura),	,,	,,	,,
,,	,,	(Jhinga sail),	,,	,,	,,
,,	,,	(Ding manik),	,,	,,	,,
,,	,,	(Taljlana),	,,	,,	,,
,,	,,	(Dolachra),	,,	,,	,,
,,	,,	(Dalkachna),	,,	,,	,,
,,	,,	(Digha),	,,	,,	,,

ZA SATIVA, husked		(Dudh kalom),	from	Bakarganj Local Committee, through Babu Promotho Nath Mukharji.	
,,	,,	(Dudh manor),	,,	,,	,,
,,	,,	(Dudh luchi),	,,	,,	,,
,,	,,	(Dhali shatia),	,,	,,	,,
,,	,,	(Nal kosh),	,,	,,	,,
,,	,,	(Nal bhog),	,,	,,	,,
,,	,,	(Nagun),	,,	,,	,,
,,	,,	(Narikeljira),	,,	,,	,,
,,	,,	(Narinbashpae),	,,	,,	,,
,,	,,	(Nilkanai),	,,	,,	,,
,,	,,	(Netpasha),	,,	,,	,,
,,	,,	(Pakhiraj),	,,	,,	,,
,,	,,	(Pakair),	,,	,,	,,
,,	,,	(Pakur kani),	,,	,,	,,
,,	,,	(Patnai),	,,	,,	,,
,,	,,	(Patuni),	,,	,,	,,
,,	,,	(Patiraj),	,,	,,	,,
,,	,,	(Pan kais),	,,	,,	,,
,,	,,	(Perijat),	,,	,,	,,
,,	,,	(Phulkumari),	,,	,,	,,
,,	,,	(Baleswar),	,,	,,	,,
,,	,,	(Baro ghunshi),	,,	,,	,,
,,	,,	(Baro kunra),	,,	,,	,,
,,	,,	(Bashphuli),	,,	,,	,,
,,	,,	(Barosbir),	,,	,,	,,
,,	,,	(Bandarjata),	,,	,,	,,
,,	,,	(Banspati),	,,	,,	,,
,,	,,	(Baush pair),	,,	,,	,,
,,	,,	(Balam),	,,	,,	,,
,,	,,	(Nilkanan),	,,	,,	,,
,,	,,	(Banspata),	,,	,,	,,
,,	,,	(Birpal),	,,	,,	,,
,,	,,	(Buromanteshvar),	,,	,,	,,
,,	,,	(Boro),	,,	,,	,,
,,	,,	(Bohori),	,,	,,	,,
,,	,,	(Begunkhir),	,,	,,	,,
,,	,,	(Betak),	,,	,,	,,
,,	,,	(Beti),	,,	,,	,,
,,	,,	(Banari),	,,	,,	,,
,,	,,	(Brindi),	,,	,,	,,
,,	,,	(Bhaeda)	,,	,,	,,
,,	,,	(Bhaglashkar),	,,	,,	,,
,,	,,	(Bhol kunaur),	,,	,,	,,
,,	,,	(Maichal),	,,	,,	,,
,,	,,	(Maidal),	,,	,,	,,
,,	,,	(Moghai shitabhog)	,,	,,	,,
,,	,,	(Moghai munar),	,,	,,	,,
,,	,,	(Mantesvar),	,,	,,	,,
,,	,,	(Matichal),	,,	,,	,,
,,	,,	(Maniki),	,,	,,	,,
,,	,,	(Maloti),	,,	,,	,,
,,	,,	(Manik juri),	,,	,,	,,
,,	,,	(Munar),	,,	,,	,,
,,	,,	(Munar chikan),	,,	,,	,,
,,	,,	(Meni),	,,	,,	,,
,,	,,	(Ratan),	,,	,,	,,
,,	,,	(Ranger gura),	,,	,,	,,
,,	,,	(Raj pal),	,,	,,	,,

ORYZA SATIVA,	husked	(Raj bhog),	from Bakarganj Local Committee, through Babu Promotho Nath Mukharji.		
,,	,,	(Raj munar),	,,	,,	,,
,,	,,	(Raj sail),	,,	,,	,,
,,	,,	(Rasenda),	,,	,,	,,
,,	,,	(Ruchi),	,,	,,	,,
,,	,,	(Rupeshvar),	,,	,,	,,
,,	,,	(Lakma),	,,	,,	,,
,,	,,	(Latamunar),	,,	,,	,,
,,	,,	(Lakshmi kajal),	,,	,,	,,
,,	,,	(Lam),	,,	,,	,,
,,	,,	(Lal manik),	,,	,,	,,
,,	,,	(Louchura),	,,	,,	,,
,,	,,	(Lechra),	,,	,,	,,
,,	,,	(Shumja lata),	,,	,,	,,
,,	,,	(Shyam munar),	,,	,,	,,
,,	,,	(Sharnalata),	,,	,,	,,
,,	,,	(Shokrokhara),	,,	,,	,,
,,	,,	(Shatia),	,,	,,	,,
,,	,,	(Shan mukta),	,,	,,	,,
,,	,,	(Shona mukhi),	,,	,,	,,
,,	,,	(Shitabhog),	,,	,,	,,
,,	,,	(Hanskhal),	,,	,,	,,
,,	,,	(Hijli),	,,	,,	,,
,,	,,	(Hinguti),	,,	,,	,,
,,	,,	(Lakshmidia),	,,	,,	,,
,,	,,	(Lakshmibilash)	,,	,,	,,
,,	,,	(Hugli),	,,	,,	,,
,,	,,	(Halodi),	,,	,,	,,
,,	unhusked	(Achim),	,,	,,	,,
,,	,,	(Achra),	,,	,,	,,
,,	,,	(Aguni),	,,	,,	,,
,,	,,	(Kalambish),	,,	,,	,,
,,	,,	(Kalosi),	,,	,,	,,
,,	,,	(Kalademe),	,,	,,	,,
,,	,,	(Kolubhog),	,,	,,	,,
,,	,,	(Kanskalam),	,,	,,	,,
,,	,,	(Kalu),	,,	,,	,,
,,	,,	(Kartikjal),	,,	,,	,,
,,	,,	(Kala jhara),	,,	,,	,,
,,	,,	(Kala manik),	,,	,,	,,
,,	,,	(Kali baro),	,,	,,	,,
,,	,,	(Kali satiya),	,,	,,	,,
,,	,,	(Kali jira),	,,	,,	,,
,,	,,	(Kenya sail),	,,	,,	,,
,,	,,	(Kumra gair),	,,	,,	,,
,,	,,	(Kunchi),	,,	,,	,,
,,	,,	(Kuti maloti),	,,	,,	,,
,,	,,	(Keora non),	,,	,,	,,
,,	,,	(Ketak),	,,	,,	,,
,,	,,	(Kendia),	,,	,,	,,
,,	,,	(Keanful),	,,	,,	,,
,,	,,	(Khaul pat),	,,	,,	,,
,,	,,	(Khat khemra),	,,	,,	,,
,,	,,	(Kalli),	,,	,,	,,
,,	,,	(Kuchinari),	,,	,,	,,
,,	,,	(Khaian),	,,	,,	,,
,,	,,	(Gangu gali),	,,	,,	,,
,,	,,	(Gandha kastura),	,,	,,	,,

ORYZA SATIVA,	unhusked	(Gua rekhi),	from Bakarganj Local Committee, through Babu Promotho Nath Mukharji.		
,,	,,	(Giriki).	,,	,,	,,
,,	,,	(Guachuri),	,,	,,	,,
,,	,,	(Gopal bhog),	,,	,,	,,
,,	,,	(Gera maddan),	,,	,,	,,
,,	,,	(Gharchu),	,,	,,	,,
,,	,,	(Gharbhanga),	,,	,,	,,
,,	,,	(Ghi gaj),	,,	,,	,,
,,	,,	(Ghunshi),	,,	,,	,,
,,	,,	(Ghrita sail),	,,	,,	,,
,,	,,	(Chaplash),	,,	,,	,,
,,	,,	(Chini sakkar),	,,	,,	,,
,,	,,	(Chingoi),	,,	,,	,,
,,	,,	(Chataq bhag),	,,	,,	,,
,,	,,	(Chilat),	,,	,,	,,
,,	,,	(Chhoto manteshvar	,,	,,	,,
,,	,,	(Jyona),	,,	,,	,,
,,	,,	(Jambura),	,,	,,	,,
,,	,,	(Jhinga sail),	,,	,,	,,
,,	,,	(Dinga manik),	,,	,,	,,
,,	,,	(Tal jyong),	,,	,,	,,
,,	,,	(Dalachra),	,,	,,	,,
,,	,,	(Dal kochna),	,,	,,	,,
,,	,,	(Dhiga),	,,	,,	,,
,,	,,	(Dudh kalam),	,,	,,	,,
,,	,,	(Dudh luchi),	,,	,,	,,
,,	,,	(Durga bhog),	,,	,,	,,
,,	,,	(Dhali satia),	,,	,,	,,
,,	,,	(Dhala chikon),	,,	,,	,,
,,	,,	(Nal kosh),	,,	,,	,,
,,	,,	(Nal bagh),	,,	,,	,,
,,	,,	(Nal chikon),	,,	,,	,,
,,	,,	(Naria bashpi),	,,	,,	,,
,,	,,	(Net pasha),	,,	,,	,,
,,	,,	(Nekura),	,,	,,	,,
,,	,,	(Pashmi raj),	,,	,,	,,
,,	,,	(Pakar kani),	,,	,,	,,
,,	,,	(Pati raj),	,,	,,	,,
,,	,,	(Pan kais),	,,	,,	,,
,,	,,	(Pari jat),	,,	,,	,,
,,	,,	(Pari jal),	,,	,,	,,
,,	,,	(Phul kumari),	,,	,,	,,
,,	,,	(Phul beki),	,,	,,	,,
,,	,,	(Phul lakshmi),	,,	,,	,,
,,	,,	(Balam),	,,	,,	,,
,,	,,	(Baro komra),	,,	,,	,,
,,	,,	(Baro ghunshi),	,,	,,	,,
,,	,,	(Buar bhag),	,,	,,	,,
,,	,,	(Baleshwar),	,,	,,	,,
,,	,,	(Bahari),	,,	,,	,,
,,	,,	(Bandar jatu),	,,	,,	,,
,,	,,	(Bash pait),	,,	,,	,,
,,	,,	(Bash pair),	,,	,,	,,
,,	,,	(Bash phuli),	,,	,,	,,
,,	,,	(Bash bir),	,,	,,	,,
,,	,,	(Bir pal),	,,	,,	,,
,,	,,	(Bura manteshwar),	,,	,,	,,
,,	,,	(Begun khir),	,,	,,	,,

ORYZA SATIVA, unhusked (Begun bichi), from Bakarganj Local Committee, through Babu Promotho Nath Mukharji.
" " (Betok), " " "
" " (Beti), " " "
" " (Boro) " " "
" " (Bauri), " " "
" " Brindi). " " "
" " (Bet raj), " " "
" " (Bashmati), " " "
" " (Bhiadha), " " "
" " (Bhoglash kor), " " "
" " (Bhal kumra), " " "
" " (Mandal), " " "
" " (Moghi sita bhog), " " "
" " (Mughi munar), " " "
" " (Manteshwar), " " "
" " (Mati chal), " " "
" " (Moti chak), " " "
" " (Manik), " " "
" " (Manik juri), " " "
" " (Meni), " " "
" " (Munar), " " "
" " (Hanesh khal), " " "
" " (Munar chikan " " "
" " (Mar chan), " " "
" " (Rajada), " " "
" " (Rajpal), " " "
" " (Raj munar), " " "
" " (Raj mohan), " " "
" " (Raj sail), " " "
" " (Rupeshvar), " " "
" " (Ranger gura), " " "
" " (var. Lakma), " " "
" " (Latamunar), " " "
" " (Lakshmi kajal), " " "
" " (Lakshmi digha), " " "
" " (Lakshmi bilas), " " "
" " (Lal manik), " " "
" " (Lam), " " "
" " (Luknatu), " " "
" " (Loachura), " " "
" " (Lochra), " " "
" " (Sunga lata), " " "
" " (Shona mukta), " " "
" " (Shyam munar), " " "
" " (Shalai), " " "
" " (Shakri khora), " " "
" " (Shatia), " " "
" " (Sharno lata). " " "
" " (Shita bhog), " " "
" " (Shona mukhi), " " "
" " (Shoruna kani), " " "
" " (Holdi kota), " " "
" " (Hugli), " " "
" " (Hurnuji), " " "
" " (Hingli), " " "
" " (Kashmiri jali), " " "
" " (Banshphul syllya), from Babu Mahendranath Bhattacharjya, Bogra.

ORYZA SATIVA, unhusked (Panipat), from Babu Mahendranath Battacharjya, Bogra.
" " (Bhini anar), " " "
" " (Til kafur), " " "
" " (Mona), " " "
" " (Khirsaput) " " "
" " (Mohish baithan), " " "
" " (Ukan madhi), " " "
" " (Hari lampha), " " "
" " (Para), " " "
" " (Parijat), " " "
" " (Dudh sar), " " "
" " (Sukhras), " " "
" " (Phul gunjia), " " "
" " (Bera gunjia), " " "
" " (Jata gunjia), " " "
" " (Tulshi gunjia), " " "
" " (Gunjia), " " "
" " (Mughi), " " "
" " (Kali mugi), " " "
" " (Rai mugi), " " "
" " (Sunkar mugi), " " "
" " (Bannya mugi), " " "
" " (Pakhra mugi), " " "
" " (Lal mugi), " " "
" " (Pankhiraj), " " "
" " (Lahadaga), " " "
" " (Kanakchur), " " "
" " (Matichur), " " "
" " (Khuman), " " "
" " (Shulpani), " " "
" " (Beur kali), " " "
" " (Chittre), " " "
" " (Dal kachu). " " "
" " (Champakari), " " "
" " (Jamir khala), " " "
" " (Kai jor), " " "
" " (Shyam ras), " " "
" " (Jagdal), " " "
" " (Panishal), " " "
" " (Bets), " " "
" " (Lakhishal), " " "
" " (Singradalkachu), " " "
" " (Surjya mani), " " "
" " (Kansahar), " " "
" " (Halida jaun), " " "
" " (Bilat kalam), " " "
" " (Bansi), " " "
" " (Gajal garia), " " "
" " (Guchi kalam), " " "
" " (Bera bents), " " "
" " (Panthi), " " "
" " (Maishara), " " "
" " (Dangamari), " " "
" " (Nagdum), " " "
" " (India rosa), " " "
" " (Punia magura), " " "
" " (Shubrana dari), " " "
" " (Kat dome), " " "

ORYZA SATIVA,	unhusked	(Harna magri),	from	Babu Mahendranath Bhattacharjya, Bogra.	
"	"	(Jata),	"	"	"
"	"	(Bora balian),	"	"	"
"	"	(Pora balia),	"	"	"
"	"	(Koija kori),	"	"	"
"	"	(Shindur kaul),	"	"	"
"	"	(Bora),	"	"	"
"	"	(Baul bora),	"	"	"
"	"	(Sitiza aus),	"	"	"
"	"	(Garpa aus),	"	"	"
"	"	(Banaphul aus),	"	"	"
"	"	(Inda aus),	"	"	"
"	"	(Dhal goria aus),	"	"	"
"	"	(Kala goria aus),	"	"	"
"	"	(Kad lochib aus),	"	"	"
"	"	(Koushia panja aus),	"	"	"
"	"	(Bagun bichi aus),	"	"	"
"	"	(Dhala goria aus),	"	"	"
"	"	(Balia bakri aus),	"	"	"
"	"	(Bolan aus),	"	"	"
"	"	(Shukti aus),	"	"	"
"	"	(Thupri aus),	"	"	"
"	"	(Chapala aus),	"	"	"
"	"	(Daher sal aus),	"	"	"
"	"	(Sarisha buti aus),	"	"	"
"	"	(Thail pona aus),	"	"	"
"	"	(Jobor sal aus),	"	"	"
"	"	(Mugi aus),	"	"	"
"	"	(Merapak aus),	"	"	"
"	"	(Pankhi baj aus),	"	"	"
"	"	(Chenga maguri aus),	"	"	"
"	"	(Chatural aus),	"	"	"
"	husked	(Raj maur),	"	"	"
"	"	(Bashphul sallya),	"	"	"
"	"	(Panipat),	"	"	"
"	"	(Til kafur),	"	"	"
"	"	(Mona),	"	"	"
"	"	(Khiosapat),	"	"	"
"	"	(Ukun madh),	"	"	"
"	"	(Kaijor),	"	"	"
"	"	(Shyam vasa),	"	"	"
"	"	(Jugdal),	"	"	"
"	"	(Pani shall),	"	"	"
"	"	(Bento)	"	"	"
"	"	(Shingra kachu),	"	"	"
"	"	(Surjya mani),	"	"	"
"	"	(Kansalar),	"	"	"
"	"	(Hadida Jawan)	"	"	"
"	"	(Bilat kalam),	"	"	"
"	"	(Banshi),	"	"	"
"	"	(Gajal garia),	"	"	"
"	"	(Ghuchi kalam),	"	"	"
"	"	(Nagdam),	"	"	"
"	"	(Indra vasa),	"	"	"
"	"	(Shuljiani),	"	"	"
"	"	(Kat dom),	"	"	"
"	"	(Danga mari),	"	"	"
"	"	(Harna maguri),	"	"	"

ORYZA SATIVA,	husked	(Bara balam),	from	Babu Mahendranath Bhattacharjya, Bogra.	
"	"	(Pora madari),	"	"	"
"	"	(Kaija kore),	"	"	"
"	"	(Boro),	"	"	"
"	"	(Satiya),	"	"	"
"	"	(Garpa),	"	"	"
"	"	(Binnaphul),	"	"	"
"	"	(Inda),	"	"	"
"	"	(Dhal goria),	"	"	"
"	"	(Kalo goria),	"	"	"
"	"	(Kod lochh),	"	"	"
"	"	(Kansia panja),	"	"	"
"	"	(Bagun bichi),	"	"	"
"	"	(Balam),	"	"	"
"	"	(Chapala),	"	"	"
"	"	(Daborsal),	"	"	"
"	"	(Shupkti),	"	"	"
"	"	(Para sallya),	"	"	"
"	"	(Parijat),	"	"	"
"	"	(Dugdha sar),	"	"	"
"	"	(Sukhvasu),	"	"	"
"	"	(Tulshi ganjia),	"	"	"
"	"	(Bera),	"	"	"
"	"	(Jata),	"	"	"
"	"	(Tulsi),	"	"	"
"	"	(Ganjia),	"	"	"
"	"	(Kali mughi),	"	"	"
"	"	(Rai mughi),	"	"	"
"	"	(Pakhru mughi),	"	"	"
"	"	(Lal mughi),	"	"	"
"	"	(Kanakchur),	"	"	"
"	"	(Matichur),	"	"	"
"	"	(Khuman),	"	"	"
"	"	(Beurkali),	"	"	"
"	"	(Chitri),	"	"	"
"	"	(Dalkochu),	"	"	"
"	"	(Champakari),	"	"	"
"	"	(Jamir khal),	"	"	"
"	"	(Sushur jatu aus),	"	"	"
"	"	(Duborichenga Amon),	from	Deputy Commissioner Kamrup.	
"	unhusked	(Bao dhan),	"	"	"
"	"	(Kanye moluk dhan)	"	"	"
"	"	(Maniki modhuri jaba dhan).	"	"	"
"	"	(Ranga boka dhan)	"	"	"
"	"	(Bangangatir dhan),	"	"	"
"	"	(Bora dhan),	"	"	"
"	husked	(Maniki modhuri joba),	"	"	"
"	"	(Bora	"	"	"
"	"	(Bordhan),	"	"	"
"	"	(Ronga boka),	"	"	"
"	"	(Baka)	"	"	"
"	"	(Bangangatir dhava)	"	"	"
"	"	(Maluk kanye),	"	"	"
"	"	(Sali bordhan),	"	"	"
"	"	(Boadhan),	"	"	"
"	unhusked	(Gum), from Sibsagar, Assam.			

ORYZA SATIVA,	unhusked	(Guri),	from	Sibsagar,	Assam.
,,	,,	(Kahi),	,,	,,	
,,	husked	(No. 1),	,,	Messrs, Madan Mohan Basak and Brothers,	Dacca.
,,	,,	(No. 2),	,,	,,	,,
,,	,,	(No. 3),	,,	,,	,,
,,	,,	(No. 4),	,,	,,	,,
,,	,,	(Shedda),	from	Babu Nandalal Banerji,	Behar,
,,	,,	(Shela),	from	,,	,,
,,	,,	(Shadda shela),	,,	,,	,,
,,	,,	(Lal),	,,	,,	,,
,,	,,	(Shati),	,,	,,	,,
,,	,,	(1st quality, Bansmati),	,,	,,	,,
,,	,,	(2nd quality, Bansmati),	,,	,,	,,
,,	,,	(3rd quality, (Bansmati),	,,	,,	,,
,,	unhusked	(Shada bansmati),	,,	,,	,,
,,	,,	(Mahardi),	,,	,,	,,
,,	,,	(Kajri),	,,	,,	,,
,,	,,	(Janda),	,,	,,	,,
,,	,,	(Shirangti),	,,	,,	,,
,,	,,	(Borati),	,,	,,	,,
,,	,,	(Lal thougi),	,,	,,	,,
,,	,,	(Kalu),	,,	A. Parsons, Esq.,	Simla.
,,	,,	(Jeora),	,,	,,	,,
,,	,,	(Shinjan),	,,	,,	,,
,,	,,	(Begum),	,,	,,	,,
,,	,,	(Putna),	,,	,,	,,
,,	,,	(Ban mati),	,,	,,	,,
,,	,,	(Kussatu),	,,	,,	,,
,,	,,	(Sukdas),	,,	,,	,,
,,	husked	(Lawrie),	,,	,,	,,
,,	,,	(Chenu),	,,	,,	,,
,,	,,	(Kolut).	,,	,,	,,
,,	,,	(Katiuria),	,,	Babu Amba Datt Joshi,	Almora.
,,	,,	(Motia),	,,	,,	,,
,,	,,	(Jiruli),	,,	,,	,,
,,	,,	(Boupaso),	,,	,,	,,
,,	,,	(Duda safed),	,,	,,	,,
,,	,,	(Dotiyali)	,,	,,	,,
,,	,,	(Rusia),	,,	,,	,,
,,	unhusked	(Katiuria dhan),	,,	,,	,,
,,	,,	(Bakawa),	,,	,,	,,
,,	husked	(Bakawachawal),	,,	,,	,,
,,	,,	(Sunali dhan),	,,	,,	,,
,,	,,	(Bansmati),	,,	,,	,,
,,	,,	(Ankari),	,,	,,	,,
,,	,,	(Kirmali),	,,	,,	,,
,,	,,	(Madjuri),	,,	,,	,,
,,	,,	(Guzalo),	from	Babu Amba Datt Joshi,	Almora.
,,	,,	(Janlio),	,,	,,	,,
,,	,,	(Tarangi safed),	,,	,,	,,
,,	,,	(Kala dhan),	,,	,,	,,
,,	,,	(Kalthuhia),	,,	,,	,,
,,	,,	(Bhatuwa),	,,	,,	,,
,,	,,	(Jurali dhan),	,,	,,	,,
,,	,,	(Bansmati lal),	,,	,,	,,

ORYZA SATIVA,	unhusked	(Parangi kala)	from	Babu Amba Datt	Joshi,	Almora.
,,	,,	(Utel),	,,	,,	,,	
,,	,,	(Dhan sala),	,,	,,	,,	
,,	,,	(Malia duda),	,,	,,	,,	
,,	,,	(Mana),	,,	,,	,,	
,,	husked	(Ankari),	,,	,,	,,	
,,	unhusked	(Mana),	,,	,,	,,	
,,	husked	(Bansmati),	,,	,,	,,	
,,	,,	(Bhangrat),	,,	,,	,,	
,,	,,	(Salam bansmati),	,,	,,	,,	
,,	,,	(Jawal),	,,	,,	,,	
,,	unhusked	(Mungrat),	,,	,,	,,	
,,	,,	(Ambor mohor),	36 lbs.,	from Agri. Dept.,	C. P,,	Nagpur.
,,	,,	(Enisat),	34 ,,	,,	,,	,,
,,	,,	(Hirakusi),	36 ,,	,,	,,	,,
,,	,,	(Ramkel, large	36 ,,	,,	,,	,,
,,	,,	(Dudh ramkel),	34 ,,	,,	,,	,,
,,	,,	(Pisu),	36 ,,	,,	,,	,,
,,	,,	(Dilbaksha),	14 ,,	,,	,,	Jabalpur.
,,	,,	(Jila),	18 ,,	,,	,,	,,
,,	,,	(Balas matia),	20 ,,	,,	,,	,,
,,	,,	(Urai buta),	22 ,,	,,	,,	,,
,,	,,	(Tej garhi),	20 ,,	,,	,,	Narsingpur.
,,	,,	(White),	42 ,,	,,	,,	,,
,,	,,	(Red),	42 ,,	,,	,,	,,
,,	husked	(Kubri mohor),	10 ,,	,,	,,	Nagpur.
,,	unhusked	(,,),	10 ,,	,,	,,	,,
,,	husked	(Cloumur),	10 ,,	,,	,,	,,
,,	unhusked	(,,),	10 ,,	,,	,,	,,
,,	husked	(Chini kapur),	10 ,,	,,	,,	,,
,,	unhusked	(,,),	10 ,,	,,	,,	,,
,,	husked	(Harad gunda),	10 ,,	,,	,,	,,
,,	unhusked	(,,),	10 ,,	,,	,,	,,
,,	husked	(Kanakjir),	10 ,,	,,	,,	,,
,,	unhusked	(,,),	10 ,,	,,	,,	,,
,,	husked	(Hausa),	10 ,,	,,	,,	,,
,,	unhusked	(,,),	10 ,,	,,	,,	,,
,,	husked	(Chilkatto),	10 ,,	,,	,,	,,
,,	unhusked	(,,),	10 ,,	,,	,,	,,
,,	husked	(Pondari gurmattia),	10 ,,	,,	,,	,,
,,	unhusked	(Pondari gurmattia),	10 lbs.,	from	Nagpur.	
,,	husked	(Bhejai),	10 ,,	,,	,,	
,,	unhusked	(,,),	10 ,,	,,	,,	
,,	husked	(Nandu),	10 ,,	,,	,,	
,,	unhusked	(,,),	10 ,,	,,	,,	
,,	husked	(Kodo),	10 ,,	,,	,,	
,,	(red, broken),	from	F. N. Wright,	Esq.,	Meerut.	
,,	unhusked	(Lal),	from	Supdt.,	Saidapet Farm,	Madras.
,,	,,	(Zirak samba),	from	Dr. Mudin Sharif,	Madras.	
,,	husked	(,,),	,,	,,	,,	
,,	unhusked	(simani),	,,	,,	,,	
,,	husked	(,,),	,,	,,	,,	
,,	unhusked	(Gandha samba),	,,	,,	,,	
,,	husked	(,,),	,,	,,	,,	
,,	,,	(Vara samba),	,,	,,	,,	
,,	,,	(,,),	,,	,,	,,	

ORYZA SATIVA,	unhusked	(Sadda samba),	from Dr. Mudin Sharif, Madras.
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Chitra-kara),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Kullu varayan),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Psing kar),	,, ,, ,,
,,	husked	(,,).	,, ,, ,,
,,	unhusked	(Mutti kar),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Arvadan nellu),	,, ,, ,,
,,	husked	(Aryandan arisi),	,, ,, ,,
,,	unhusked	(Chota samba),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Arinyadi nellu),	,, ,, ,,
,,	husked	(Aryandan arisi),	,, ,, ,,
,,	unhusked	(Valla-kar nellu),	,, ,, ,,
,,	husked	(Valla-kar arisi),	,, ,, ,,
,,	unhusked	(Nellore samba nellu),	,, ,,
,,	husked	(Nellore samba arisi),	from ,, ,,
,,	unhusked	(Kudas),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Nilam samba).	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Karpa mankathe),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Valle mankatte),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Ari nayan),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(apampale),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhushed	(Pyekar),	,, ,, ,,
,,	husked	(Pyekar),	,, ,, ,,
,,	unhusked	(Harekaitru),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Shangom),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Pisni),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Pichevare),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Erke muttan),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	unhusked	(Jotigabate),	from Local Committee, Chittagong.
,,	,,	(Aughun sal),	,, ,, ,,
,,	,,	(Chandramani),	,, ,, ,,
,,	,,	(Chik nal),	,, ,, ,,
,,	,,	(Kali jira),	,, ,, ,,
,,	,,	(Nal dhinni),	,, ,, ,,
,,	,,	(Kajonchi),	,, ,, ,,
,,	,,	(Laddi bavi),	,, ,, ,,
,,	,,	(Biddiurki),	,, ,, ,,
,,	,,	(Gopal bhog),	,, ,, ,,
,,	,,	(Baddi parba),	,, ,, ,,
,,	,,	(Nal bini),	,, ,, ,,
,,	,,	(Rail),	,, ,, ,,
,,	,,	(Lal moti),	,, ,, ,,

ORYZA SATIVA,	unhusked	(Samali),	from Local Committee, Chittagong.
,,	,,	(Bini tarki),	,, ,, ,,
,,	,,	(Bara bati),	,, ,, ,,
,,	,,	(Jomiya),	,, ,, ,,
,,	,,	(Bini kala),	,, ,, ,,
,,	,,	(Sakmoni rai sal),	,, ,, ,,
,,	,,	(Dheb galom),	,, ,, ,,
,,	,,	(Kali hans),	,, ,, ,,
,,	,,	(Bhatur),	,, ,, ,,
,,	,,	(Ramaickan),	,, ,, ,,
,,	,,	(Sam sunder),	,, ,, ,,
,,	,,	(Lambu kala),	,, ,, ,,
,,	,,	(Dhinno fule),	,, ,, ,,
,,	,,	(Lota bini),	,, ,, ,,
,,	,,	(Munjhoni),	,, ,, ,,
,,	,,	(Jebnar bati),	,, ,, ,,
,,	,,	(Dhibmani),	,, ,, ,,
,,	,,	(Játá báti),	,, ,, ,,
,,	,,	(Aush),	,, ,, ,,
,,	,,	(Nabanjira),	,, ,, ,,
,,	,,	(Sahaborkot),	,, ,, ,,
,,	,,	(Khorpavar),	,, ,, ,,
,,	,,	(Gringo),	,, ,, ,,
,,	,,	(Amdanichikan)	,, ,, ,,
,,	,,	(Suri),	,, ,, ,,
,,	,,	(Mukhi),	,, ,, ,,
,,	,,	(Dhul bati),	,, ,, ,,
,,	,,	(Dhoniparba),	,, ,, ,,
,,	,,	(Kunta didhi),	,, ,, ,,
,,	,,	(Munjamri),	,, ,, ,,
,,	,,	(Madhu malati),	,, ,, ,,
,,	,,	(Nal shin),	,, ,, ,,
,,	,,	(Baighunbibi),	,, ,, ,,
,,	,,	(Munipálango),	,, ,, ,,
,,	,,	(Kanoea bati),	,, ,, ,,
,,	,,	(Paiegangra),	,, ,, ,,
,,	,,	(Sana baien),	,, ,, ,,
,,	,,	(Kushmari),	,, ,, ,,
,,	,,	(Tatuga),	,, ,, ,,
,,	,,	(Khundua),	,, ,, ,,
,,	,,	(Raddiel chickan).	,, ,, ,,
,,	,,	(Bainaj),	,, ,, ,,
,,	,,	(Dhudh kalma),	,, ,, ,,
,,	husked	(Badsa bhog),	from Deputy Commissioner, Manbhum.
,,	unhusked	(,,),	,, ,, ,,
,,	husked	(Tulsi mukul),	,, ,, ,,
,,	unhusked	(,,),	,, ,, ,,
,,	husked	(Ramsal),	,, ,, ,,
,,	unhusked	(,,),	,, ,, ,,
,,	husked	(Nordi),	,, ,, ,,
,,	unhusked	(,,),	,, ,, ,,
,,	husked	(Dhusri),	,, ,, ,,
,,	unhusked	(,,),	,, ,, ,,
,,	husked	(Gora atab),	,, ,, ,,
,,	unhusked	(,,),	,, ,, ,,
,,	husked	(Hatibhog),	,, ,, ,,
,,	unhusked	(Gorassidha),	,, ,, ,,
,,	husked	(,,),	,, ,, ,,
,,	,,	(Bengi),	,, ,, ,,

OBYZA SATIVA, unhusked (Bengi), from Deputy Commissioner, Manbhum.
" ears, from Babu Ajodhya Prasad, Shahjahanpur.
" unhusked (Marichpani), from Local Committee, Cuttack.
" " (Baital pukhia), " " "
" " (Magurminchi), " " "
" " (Budhamunda), " " "
" " (Kalajira), " " "
" " (Jhili), " " "
" " (Santani bhog), " " "
" " (Sanapani) " " "
" " (Soliri), " " "
" " (Banla), " " "
" " (Najuk badan), " " "
" " (Machh kanta), " " "
" " (Brambhon nahki), " " "
" " (Dewan bhog), " " "
" " (Bilmonji), from Local Committee, Cuttack.
" " (Rangi asina), " " "
" " (Rukuna kant), " " "
" " (Hunda), " " "
" " (Kadwa kamboi), " " "
" " (Beni bhog), " " "
" " (Jerai siali), " " "
" " (Krishnakala), " " "
" " (Chat champa), " " "
" " (Betnasia), " " "
" " (Bangur modhai), " " "
" " (Krishnakala), " " "
" " (Mokra), " " "
" " (Dewanbhog), " " "
" " (Machh kanta), " " "
" " (Bangar modhai), " " "
" " (Motia), " " "
" " (Magarminchi), " " "
" " (Nandhipokhia), " " "
" " (Biali), " " "
" " (Rodalia champa), " " "
" " (Pendi banla), " " "
" " (Atauri), " " "
" " (Najuk badan), " " "
" " (Dewan bhog), " " "
" " (Gopal bhog), " " "
" " (Lojkali baden), " " "
" " (Beni bhog), " " "
" " (Kedar gundi), " " "
" " (Rukuna kant), " " "
" " (Hunda arua), " " "
" " (Ranji asins), " " "
" " (Suna khil), " " "
" " (Kadna kanhoi), " " "
" " (Khujura), " " "
" " (Chote champa), " " "
" " (Hari sanker), " " "
" " (Bel monjia), " " "
" " (Radha Krishna bhog), " " "
" " (Jaria sali), " " "
" " (Nodia), " " "
" " (Godwa biali), " " "
" " (Prokassia), " " "
" " " " "

OBYZA SATIVA, unhusked (Gopal bhog), from Local Committee, Cuttack.
" " (Ganga boli), " " "
" " (Raisiri), " " "
" " (Sathia), " " "
" " (Magura), " " "
" " (Burpank), " " "
" " (Nota mohu), " " "
" " (Sathia), " " "
" " (Gangaboli), " " "
" husked (Radha Krishna bhog), " " "
" " (Prokassia), " " "
" " (Magura), " " "
" " (Sama khil), " " "
" " (Nadia) " " "
" " (Chauli), " " "
" " (Raisiri), " " "
" " (Magadhi) " " "
" " (Gopal bhog), " " "
" " (Khajura), " " "
" " (Pahadia motra), " " "
" husked (Komolia), from Babu Ram Lal Sarkar, Assam.
" " (Aukola), from Ahmadnagar Exe. Comtee (three exhibits).
" unhusked("), " " " "
" ears (Jhilma), " Babu Ajodhya Prasad, Shahjahanpur.
" " (Jharatata), " " " "
" " (Jhahlia), " " " "
" (Jamul), from Babu Amba Datt Joshi, Almora.
" (Angana), " " " "
" unhusked (Chandan sali), from Sundarbans (twenty-eight exhibits).
" " (Chillet), " " "
" unhusked (Chundan sali), from Sundarbans (twenty-four exhibits.).
" " (Ramsal), (twenty-five exhibits.)
" (Bengi Lal Patni) (fourtean exhibits.).
" " (Huro Patnai), from Sundarbans, and (eight exhibits).
" " (Somraj), " " " (twenty-four exhibits).
" " (Pankulas), " " " (eighten exhibits).
" " (Duti Rangi), " " " (twenty exhibits).
" " (Akondo Rangi), " " " (twenty four exhibits).
" " (Kanta Rani), " " " (four exhibits).
" " (Kanta Rangi), " " " (thirteen exhibits).
" " (Kumra gori), " " " (nineteen exhibits).
" " (Bank Tulsi), " " " (twenty exhibits).
" " (Marich Sali), " " " (one exhibit).
" " (Baneswar), " " " (six exhibits).
" " (Bena chal), " " " (six exhibits).
" " (Amon kalo), " " " (thirteen exhibits).
" " (Amon Nera), " " " (three exhibits).
" " (Kalo Jira), " " " (eleven exhibits).
" " (Kalo jira), " " " (three exhibits).
" " (Ora sali), " " " (six exhibits).
" " (Jalla bora), from Forest Dept., Sibsagar.
" " (Common kind), from "
" husked (Kamol), " "
" " (Manik mothi), " "
" unhusked (Paharia sallya), from Babu Mahendra Nath Bhattacharjya, M.A., B.L., Bogra.
" " (Hulata), " "

ORYZA SATIVA, unhusked (Beurjhar), from Babu Madendra Nath Bhattercharjya. M.A., B.L., Bogra.

" " (Surja mugi), " "
" " (Dakhina mugi), " "
" " (Shamrash), " "
" " (Dhalgaria), " "
" " (Kalogaria), " "
" " (Bankalam), " "
" " (Kanai bansi), " "
" " (Chengdubra), " "
" " (Haridass), " "
" " (Kholshi), " "
" " (Jashai), " "
" " (Apchhaya), " "
" " (Baluka bento), " "
" " (Uri), " "
" " (Chenga maguri), " "
" " (Kalo gachi), " "
" " (Abiakalam), " "
" " (Januk rai), " "
" " (Bone shone), " "
" " (Khasha kalam), " "
" " (Boga jhul), " "
" " (Bace jhulki sallya), " "
" " (Jhara), " "
" " (Indur shail), " "
" " (Keshar gouchi). " "
" " (Mouraj sallya), " "

[The above do not include several thousands of rice ears collected for decorative purposes.]

PANICUM FRUMENTACEUM, from Supdt., Botanical Gardens, Saharanpur (four exhibits).

(*See* also Oplismenus frumentaceus.)

PANICUM ITALICUM (white), 82 lbs., from Babu Lachman Prasad, Cawnpore.
" (yellow), 82 lbs., " " "
" (black), 82 lbs., " " "
" (red), 4 lbs., " " "
" (husked), 40 lbs., " " "
" 40 lbs., from Supdt., Saidapet Farm.
" from Agri. Dept., Central Provinces, Jabalpur.

(*See* also Sataria italica.)

PANICUM MILIACEUM (yellow), 40 lbs., from Babu Lachman Prasad, Cawnpore.
" (white), 82 lbs., " " "
" from Supdt., Botanical Gardens, Saharanpur (three exhibits).
" " Government of India, Cawnpore.
" " " Lucknow.
" " Alwar State, Rajputana.
" " Government of India, Calcutta.
" " Superintendent, Saidapet Farm (two exhibits).
" (Taluka Jamkhed), from Exhibition Committee, Ahmadnagar.
" (Taluka Ankola), " " "

PANICUM PSILOPODIUM (unhusked, Rali), from Babu L. Prasad.
" (husked, Rali), trade sample, 40 lbs., " "
" (Phikar), " 10 lbs., " "
" (Basi), " 10 lbs., " "
" (Mijhri), " 4 lbs., " "

PANICUM PSELOPODUM, (Mijhri), from Supdt., Botanical Gardens, Saharanpur.
Panni seed, from Forest Department, Madras, South Coimbatore.
PAPAVER SOMNIFERUM (seeds), from Government of India, Lucknow.
" from Superintendent, Botanical Gardens, Saharanpur.
" " Government of India, Cawnpore.
PASPALUM SCROBICULATUM, from Government of India, Cawnpore.
" " Superintendent, Botanical Gardens, Saharanpur.
" (unhusked), 82 lbs., from Babu Lachman Prasad, Cawnpore.
" (husked), 40 lbs., " "
" from Superintendent, Botanical Gardens, Saharanpur.
" " Government of India, Lucknow.
" " " Cawnpore.
" 62 lbs., from Agricultural Department, Central Provinces, Jabalpur.
" 62 lbs., " " Narsingpur.
" (unhusked), from Deputy Commissioner, Manbhum.
" (husked), " " "
" (Taluka Newasa), from Exhibition Committee, Ahmadnagar.
Pavota (Taluka Kurjot), " " " "
" (Taluka Kurjot). " " "
PEA, from Garo Hills, Assam.
PENICILLARIA SPICATA (Taluka Aukola), from Exhibition Committee, Ahmadnagar (two exhibits).
" (Taluka Kapargaum) " "
" (Taluka Jamkhed) " "
" (Taluka Srigaundo) " "
" from Superintendent, Botanical Garden, Saharanpur.
" 40 lbs., from Babu Luchman Prasad, Cawnpore.
" (husked), 82 lbs., " "
" (unhusked) 40 lbs., " "
" from Government of India, Cawnpore, (two exhibits).
" " " Lucknow.
" " Alwar, Rajputana.
" " Rajputana, Marpalli.
" " Superintendent, Saidapet Farm.
" " F. N. Wright, Esq., Meerut.
" (ears), from Babu Ajodhya Prasad, Shahjanpur.
PERILLA OCIMOIDES, from Babu Amba Datt Joshi, Almora.
PENNISETUM TYPHODEUM, from Superintendent, Botanical Gardens, Saharanpur.
PHASEOLUS sp., from Government of India, Calcutta.
PHASEOLUS ACONITIFOLIUS, from Superintendent, Botanical Gardens, Saharanpur.
" " Babu Lachman Prasad, Cawnpore.
" " Superintendent, Botanical Gardens, Saharanpur.
" " Rajputana, Marpalli.
" " Government of India, Cawnpore.
" " " Lucknow.
" (black) from " "
" (red) " " "
" from F. N. Wright, Esq., Meerut.
" 32 lbs., from Agricultural Department, C. P., Jabalpur.
" from Exhibition Committee, Ahmadnagar.
" 42 lbs., " " Narsingpur.
PHASEOLUS CALCARATUS, from Superintendent, Botanical Gardens, Saharanpur.
PHASEOLUS MUNGO, 12 lbs., from Babu Ajodhya Prasad, Shahjahanpur.
" from Babu Mohendra Nath Bhattacharjya, Bogra.
" " Superintendent, Botanical Gardens, Saharanpur.

PHASEOLUS MUNGO, (green), 82 lbs., from Government of India, Calcutta.
" (black), 82 " " " "
" from Superintendent, Botanical Gardens, Saharanpur (three exhibits).
" from Babu Ajodhya Prasad, Shahjahanpur, (two exhibits).
" " Government of India, Cawnpore, (two exhibits).
" " " Lucknow.
" (split), from " "
" trade sample, 10 lbs. from Government of India, Calcutta (two exhibits).
" (black), from Government of India, Calcutta (two exhibits).
" ("), " Alwar State, Rajputana (two exhibits).
" (ghora), 10 lbs., from Government of India, Calcutta.
" (") 8 " " " "
" (black gram), from Saidapet Farm.
" (green gram), " "
" (variety), " "
" (dried), 40 lbs. " Government of India, Calcutta (four exhibits).
" (black), " " "
" from officer in charge of Assam Exhibits, Sibsagar.
" 32 lbs., from Agricultural Department, C. P., Narsingpur
" (var. kajba), 36 lbs., from C. P., Jabalpur.
" ("), 32 " " " "
" (black), 34 " " " "
" (yellow), 40 " " " Nagpur.
" (green), 40 " " " "
" from Babu Nandalal Banerji, Behar.
" " Agricultural Department, C. P., Nagpur.
" " Babu Amba Datt Joshi, Almora.
" (var. aureus), from Babu Promotho Nath Bhattacharjya, Bogra.
" ("). 8 lbs. from Government of India, Calcutta.
" ("), 40 " " " "
" (var. max), 13 " " Babu Ajodhya Prasad, Shahjahanpur.
" from Government of India, Cawnpore.
" (var. max), from Government of India, Cawnpore (two exhibits).
" ("), " " Lucknow.
" ("), husked, 12 lbs., from Government of India, Calcutta.
" ("), 12 lbs., from Government of India, Calcutta.
" ("); 10 " " " "
" ("), 32 " " Agricultural Department, C. P., Narsingpur.
" ("), 32 " " " "
" ("), 32 " " Babu Nandalal Banerji, Behar.
" ("), from Agricultural Department, C. P., Nagpur.
" (var. radiatus), from Babu Promotho Nath Bhattacharjyal Bogra (two exhibits).
" ("), " Superintendent, Botanical Gardens, Saharanpur (two exhibits).
" ("), " Government of India, Cawnpore.
" ("), 11 lbs., from " "
" ("), 40 lbs., from Govt. of India, Calcutta.
" ("), from Sibsagar, Assam.
" ("), 40 lbs., from Government of India, Calcutta.
" ("), from Babu A. Datt Joshi, Almora (two exhibits).

PHASEOLUS MUNGO (from Chittagong Local Committee (three exhibits).
" (var. max.), from Deputy Commissioner, Manbhum.
" (var. radiatus), " " " (two exhibits).
" (Taluka Ankola), from Exhibition Committee, Ahmadnaga.
" (Taluka Shreegondo), " " "
" (Taluka Ankola), " " "
" (var. max), " " "
" ("); " " "
" (Taluka Jamkhed), " " "
PISUM ARVENSE, from Superintendent, Botanical Gardens, Saharanpur.
" 40 lbs., from Babu Lachman Prasad, Cawnpore.
" 10 " " Government of India, Calcutta.
" 10 " " " Cawnpore.
" (var. white, split), 10 lbs., " "
" (small) 10 " " "
" (split) 10 " " "
" (large 40 " " "
" (white) 40 " " "
" 40 " " "
" 40 " " "
" (white), 64 lbs., from Agri. Dept., C. P., Jabalpur.
" (black), 70 " " "
" (white), 4 " " Babu Nandalal Banerji, Behar.
" (large), 4 " " " "
" (small), 4 " " " "
" 32 " " Agri. Dept., C. P., Narsingpur.
PISUM SATIVUM, from Babu Promotho Nath Bhattacharjya, Bogra.
" (Kabulia), from Babu Lachman Prasad, Cawnpore.
" (Dhurwa). " " "
" from Supdt., Botanical Garden, Saharanpur.
" from Government of India; Cawnpore.
" (var. white), " " Lucknow.
" (var. Crown), " " "
" " " Calcutta.
" 10 lbs., " " "
" (split), 8 " " "
" (white), 32 " " Agri. Dept., C. P., Nagpur.
PROSOPIS GLANDULOSA, from Supdt., Horticultural Gardens, Lucknow.
RICINUS COMMUNIS (seed). Taluka Kopargaum), from Exhibition Committee, Ahmadnagar.
Sakim (unidentified), from Babu Amba Datt Joshi, Almora.
Salikelangu (unidentified), from Forest Department, Madras, Coimbatore.
SESAMUM INDICUM (white) from Babu Nandalal Banerji, Behar.
" (black) " " " "
" ("), 16 lbs., from Agricultural Department, Nagpur.
" (white), 14 " " " "
" (brown), 18 " " " "
" (black), 20 " " " C. P., Narsingpur.
" (red), 22 " " " "
" (white), 20 " " " "
" from Sibsagar, Assam.
" (black), 8 lbs., from Government of India, Calcutta.
SETARIA ITALICA, from Supdt., Botanical Gardens, Saharanpur (two exhibits).
" (rice), from Government of India, Cawnpore.
" from Marpalli, Rajputana.
" " Government of India, Cawnpore.
" " " Calcutta.
" " " Lucknow.
" " Babu Amba Datt Joshi, Almora.

SETARIA ITALICA, from Superintendent, Botanical Gardens, Saharanpur.
" " A. Parsons, Esq., Simla.
" (white), unhusked), from Babu Promotho Nath Bhattacharjya, Bogra.
" (black, unhusked) " " " Bogra.
" (white, husked) " " " Bogra.
" (black, husked) " " " Bogra.
" from Babu Nandalal Banerji, Behar.
" (Taluka Newasa), from Executive Committee, Ahmadnagar.
" (Jamkhed) " " "
" (Shreegondo) " " "
(See also Panicum italicum.
SHOREA ROBUSTA (seed), from Forest Department, Orissa.
Shorpa kunda (unidentified) " " "
SIDA CORDIFOLIA, from Government of India.
SOLANUM TUBEROSUM, from A. Parsons, Esq., Simla (two exhibits).
" (Rintval's early white Dor), from Superintendent, Botanical Gardens, Saharanpur.
" (Rose kidney), from Supdt., Bot. Gardens, Saharanpur.
" (Scotch champion) " " "
" (Sultan's king of potatoes) from Supdt., Bot. Gardens Saharanpur.
" (white flower balls), from Supdt., Bot. Gardens, Saharanpur.
" (York regent), " " "
" (Early rose), " " "
" (Early good rose), " " "
" (Forty-fold), " " "
" (Milky white), " " "
" (Hundred-fold), " " "
" (Hill), " " "
SOLANUM VERBASCIFOLIUM, from Forest Department, Ranikhet.
SORGHUM SACCHARATUM (Amber), 5 lbs., from Babu Lachman Prasad, Cawnpore.
" (red 5 " " " " "
" (black), 5 " " " " "
SORGHUM VULGARE (Motiehur, small, white), 40 lbs., from Agri. Dept., Nagpur.
" (Jowari Mohawani), 40 lbs., from J. B. Fuller, Esq., Nagpur.
" (white), from Supdt., Saidapet Farm.
" (yellow), " " "
" from Supdt., Botanical Gardens, Saharanpur.
" (white), 82 lbs., from Supdt., Govt. Farm, Cawnpore.
" (jholna), 82 " " "
" (white), from Supdt., Botl. Gardens, Saharanpur.
" from Government of India, Cawnpore.
" (Bundelkhand), from Govt. of India, Cawnpore (two exhibits).
" (white) " " Lucknow.
" (red), " " Calcutta.
" (large), 56 lbs., " Alwar, Rajputana.
" (black), 60 " " " Agri. Dept., Nagpur.
" 40 " " " "
" (white), 54 " " " Jabalpur.
" 60 " " " "
" 42 " " " Narsingpur.
" 42 " " " "
" from Babu Lachman Prasad, Cawnpore.
" " Babu Ajodhya Prasad, Shahjahanpur.

SORGHUM VULGARE from Exhibition Committee, Ahmadnagar.
" (Taluka Nagome), " "
" (Taluka Jamkhed), " "
[The above do not include several hundreds of ears collected for decorative purposes.]

Sounk (unidentified), from A. Parsons, Esq., Simla.
Sounkhia (unidentified), from Alwar Darbar, Rajputana.
SWEET POTATOE, from Garo Hills, Assam.
Thaphing, " " "
Tatowk, " " "
TRAPA BISPINOSA, from Babu Lachman Prasad, Cawnpore.
" " Supdt., Botanical Gardens, Saharanpur.
TRICHOSANTHUS ANGUINA, from " "
TRITICUM SATIVUM (gajaria), from Supdt., Botl. Gardens, Saharanpur.
" (lal), " " "
" (mirti), " " "
" (sufed), " " "
" (zard), " " "
" (coarse flour), " " "
" (fine flour), " " "
" (dudhia), from Babu Ajodhya Prasad, Shahjahanpur.
" (sawaria), " " "
" (kathia), " " "
" (Agra, soft), from Govt. of India, Calcutta.
" (gangapari, mixed), from Govt. of India, Calcutta.
" from Alwar Darbar, Rajputana.
" (white), from Government of India.
" (Bundelkhand), from Government of India.
" (Kathia), from Agri. Dept., C. P., Narsingpur.
" (Pissi mundi), " "
" (white), " "
" (Jallalia, 2nd class), " "
" (Sada mashuk), " "
" (Katiha wheat, 2nd class), " "
" (Jallalia wheat, 1st class), " "
" (Pissi red), " "
" (Mundi pissi, 1st class), " "
" (Pissi, white), " "
" (Sohalia), " "
" (Jallalia), " "
" (Katiba), " "
" (Jallalia wheat, 2nd class), " "
" (Pissi, red), " "
" (Pissi, white, 2nd class), " "
" (Mundi pissi, 2nd class), " "
" from Government of India, Lucknow.
" (mixed), from Government of India, Lucknow.
" (white), " Kotah, Rajputana.
" (red), " " "
" ("), " Government of India, Cawnpore.
" 8 lbs., " Babu Ajodhya Prasad, Shahjahanpur.
" 9 " " " "
" (Kathia), " Marpalli, Rajputana.
" Muzaffaragar, white), 82 lbs., from Babu Lachman Prasad, Cawnpore.
" (Mundia, beardless), 82 " " "
" (Seta), 40 " " "
" Manaia), 40 " " "

TRITICUM SATIVUM, (Kahiha), 82 lbs. from Babu Lachman Prasad, Cawnpore.
" (Rasuli), 4 " " "
" (Pisia), 82 " " "
" (Bargehun), 4 " " "
" from Collector of Bhagalpur.
" " A. Parsons, Esq., Simla.
" (Jamali), from Babu Promotho Nath Bhattacharjya, Bogra.
" (Kheri), " " "
" Pissi, white, soft), 32 lbs., from Agri. Dept., C. P., Nagpur.
" (Kathia or red, hard), 40 " " "
" (Botak or short), 32 " " "
" (Haura or white, hard), 30 " " "
" 4 lbs., from Babu Nandalal Banerji, Behar.
" (mundi), 32 lbs., from Agri. Dept., C. P., Jabalpur.
" (pissi), 34 " " "
" (jalalia), 34 " " "
" (kathia), 24 " " "
" (sufed pisi), 27 lbs., " Narsingpur.
" (mundi pissi), 28 " " "
" (kathia) 28 " " "
" (jalalia), 32 " " "
" (sahabia), 32 " " "
" (pissi), 10 " " Nagpur.
" (kathia) 10 " " "
" from Babu Amba Datt Joshi, Almora.
" (white, soft), from F. N. Wright, Esq., Collector of Meerut.
" (white 1st class), " "
" (white, 2nd class), " "
" (red, soft), from " "
" (soft, white, 1st class), " "
" (soft, red) " "
" (soft, white, superior quality), " "
" (hard, white), " "
" (soft, middling) " "
" ("), " "
" (soft, red, large), " "
" (soft, white, large), " "
" (hard, white), " "
" (red, small), " "
" (red, hard, 1st class), " "
" (red, hard, 2nd class), " "
" from Local Committee, Chittagong.
" (wheat, taluka Nagore), from Exhibition Committee, Ahmadnagar.
" (" " Parnair), " "
" (" " Kurjat), " "
" (" " Parnair), " "
" (" " Kopargaum), " "
" (" " Jamkhed), " "
" (" " " " "
" (common " Shreegonda), " "
" (" " Kopargaum), " "
" from Deputy Commissioner, Manbhum.

Vallikilangu (unidentified), from Forest Dept., Madras, South Coimbatore.
VICIA FABA, from Babu Lachman Prasad, Cawnpore.
VIGNA CATIANG (Lobiya), from Government of India, Lucknow.
" ("), " Supdt, Botanical Gardens, Saharan—
" (southa), " " "

VIGNA CATIANG (Lobiya), 11 lbs., from Babu Lachman Prasad, Cawnpore.
" ("), from Supdt., Botanical Gardens, Saharanpur.
" (rongon), " A. Parsons, Esq., Simla.
" (raish), from Babu Amba Dat Joshi, Almora.
" (raish, red), " " "
" (raish) " " "
" (raish, black) " " "
ZEA MAYS (country, Cawnpore), from Govt. of India, Cawnpore.
" (white, big, 1st kind) " " "
" (" 2nd ") " " "
" (reddish), from Alwar, Rajputana.
" (white), " "
" (Lucknow, country), from Government of India, Lucknow.
" (Pennsylvanian yellow flint), from Chief Commr., Ajmir.
" (large white flint) " " "
" (golden dent) " " "
" (Mammoth), " " "
" (Jaunpur) " " "
" from Government of India, Cawnpore.
" " Babu Ajodhya Prasad, Shahjahanpur.
" (Jogia), from Babu Lachman Prasad, Cawnpore.
" (Chunaria), " " "
" (chitta), " " "
" (pile) " " "
" (hybridised with cuzco, 200 cobs), from Babu Lachman Prasad.
" from Supdt., Botl. Gardens, Saharanpur.
" (yellow), 380 cobs, " " "
" (small grain), 125 " " " "
" (red), 300 " " " "
" (white) 150 " " "
" from Babu Ajodhya Prasad, Shahjahanpur.
" " F. N. Wright, Esq., Collector of Meerut.
" 850 cobs for decoration, from Exhibition Committee, Ajmir.
" 192 " " " " "
" from Government of India, Calcutta.
" " A. Parsons, Esq., Simla.
" (white), from Babu Mahendra Nath Bhattacharjya, Bogra.
" (red) " " " "
" (yellow), " " " "
" from Superintendent, Saidapet Farm, Madras.
" cobs, from Babu Ajodya Prasad, Shahjahanpur.
" from Babu Nandalal Banerji, Behar.
" 40 lbs., from Agri. Dept., C. P., Nagpur.
" 70 " " " Jabalpur.
" (Indian corn), from Garo Hills, Assam.
" from Deputy Commissioner, Manbhum.
" " Babu Ajodhya Prasad, Shahjahanpur.
" (taluka Jamkhed), from Exhibition Committee, Ahmadnagar.

IV.—FRUITS AND NUTS.

ACACIA CONCINNA, from Forest Department, Madras, Southern Circle.
" " " " Northern Circle.
Achar from Superintendent, Government Farm, Cawnpore.
ÆGLE MARMELOS, from Forest Department, Madras, Northern Circle.
ARACHIS HYPOGÆA, from Government of India, Calcutta.
Kotah, Rajputana.

Augettea (fruit), from Superintendent, Government Farm, Cawnpore.
BASSIA BUTYRACEA, from Forest Department, Naini Tal Division.
" " Babu Amba Datt Joshi, Almora.
BERBERIS ARISTATA, from Forest Department, Ranikhet.
Bilai kand, from Superintendent, Government Farm, Cawnpore.
BUCHANANIA LATIFOLIA (husked fruit), from For. Dept., Hoshangabad.
" (unhusked fruit) " " "
CARICA PAPAYA, from Government of India, Calcutta.
CARUS APITALA, from Forest Department, Ranikhet.
CITRULLUS COLOCYNTHIS, from Botanical Gardens, Saharanpur (two exhibits.)
CITRULLUS VULGARIS " " " (two exhibits.)
COCOS NUCIFERA (fruit), from Babu Promothonath Mukharji, Bakarganj (six exhibits.)
" from Local Committee, Chittagong.
CORDIA MYXA, from Government of India, Calcutta
CORNUS CAPITATA, from Forest Department, Naini Tal Division.
CUCUMBER, from Babu Amba Datt Joshi, Almora.
Cucumis momordica, from Botanical Gardens, Saharanpur.
CUCURBITA MOSCHATA (fruit), from " " (two exhibits).
CUCURBITA SP., from Babu Amba Datt Joshi, Almora.
DIOSPYRUS MELANOXYLON, from Forest Department, Orissa.
ERYTHRINA INDICA (fruit) " Government of India, Darjiling.
FICUS CARICA, from Forest Department, Ranikhet.
FICUS GLOMERATA, from " "
FLEMINGEA CONGESTA, from " "
" " Babu Amba Datt Joshi, Almora.
" " Forest Department, Ranikhet.
GREWIA TILÆFOLIA, from Forest Department, Betul.
HELICTERES ISORA (fruit) from Forest Department, Betul Division.
HIPPOCRHÆ RHAMNOIDES, from Forest Department, Punjab.
HOLBŒLLIA LATIFOLIA from Forest Department, Naini Tal Division.
JAMIR, from Amba Datt Joshi, Almora
JUGLANS REGIA, from Government of India, Calcutta.
" " Collector of Pilibhit.
" " A. Parsons, Esq., Simla.
" " Forest Department, Ranikhet (two exhibits).
" " Babu Amba Datt Joshi, Almora.
Kanda (fruit), from Superintendent, Government Farm, Cawnpore.
Karaunda, from Amba Datt Joshi, Almora.
Matka karhi " " "
Monnokka, from Government of India, Calcutta.
Musat, from L. Liotard, Esq., Rev. and Agri. Dept., Calcutta.
MYRISTICA MOSCHATA, from Government of India, Calcutta.
NEPHRODIUM ERIOCARPUM, from Forest Department, Ranikhet.
OSAILUS INDICA, from Forest Department, Naini Tal Division.
OLEUM GRANDIS " J. A. Murray, Esq., Karachi.
PHŒNIX DACTILYFERA, from Government Farm, Cawnpore.
PHŒNIX SYLVESTRIS, from Government of India, Calcutta.
PHYLLANTHUS EMBLICA, from Forest Department, Ranikhet.
PINUS GERARDIANA, from A. Parsons, Esq., Simla.
PISTIACIA VERA, from Goverment of India, Calcutta (two exhibits).
PRUNUS AMYGDALUS, from Botanical Gardens, Saharanpur.
PRUNUS ARMENIACA " Government of India, Calcutta.
PRUNUS COMMUNIS " " "
" (alu-bokhara), from Babu Amba Datt Joshi, Almora.
" (Bhotiya badam) " " "
PRUNUS PERSICA, (am), " " "
PRUNUS PUDDUM, from Forest Department, Ranikhet.
PUNICA GRANATUM, from Government of India, Calcutta.

PUNICA GRANATUM, (small), from Forest Department, Ranikhet (two exhibits).
" " " "
PYRUS COMMUNIS " " Naini Tal.
" " " Ranikhet.
PYRUS MALUS " " "
PYRUS MACHIA " " Naini Tal.
PYRUS PASHIA " " Ranikhet.
" from Babu Amba Datt Joshi, Almora.
RANDIA DUMETORUM (white). from Government of India, Calcutta.
RHIZOPHORA SP., from Forest Department, Madras, Southern Circle.
ROSA MOSCHATA " " Naini Tal.
ROSA SARICIA " " "
SAUJRAUJA NEPAULENSIS " Ranikhet.
SEMECARPUS ANACARDIUM, from Government of India, Calcutta.
SPONDIAS MANGIFERA " Government Farm, Cawnpore.
STRYCHNOS POTATORUM " Forest Dept, Madras, Cuddapah.
TAMARINDUS INDICA " " Madras, Nellore.
TERMINALIA BELERICA " Government of India, Calcutta.
TERMINALIA CATAPPA " " "
TERMINALIA CHEBULA " " "
" " Government Farm, Cawnpore.
TERMINALIA CITRINA " Forest Department, Darjilling.
TRAPA BISPINOSA, " Government of India, Calcutta.
TRIBULUS TERRESTRIS " Forest Department, Ranikhet.
TRICHOSANTHES PALMATA " " Kamrup.
VIBURNUM COTINIFOLIUM " " Naini Tal.
VIBURNUM STELLULATUM " " Ranikhet.
VITIS LANATA, " " Naini Tal.
VITIS VINIFERA, from Government of India, Calcutta.
" " Government Farm, Cawnpore.
ZIZYPHUS JUJUBA, from Babu Amba Datt Joshi, Almora.

V.—PICKLES AND PRESERVES.

AEGLE MARMELOS, from Babu Lachman Prasad, Supdt., Govt. Farm, Cawnpore.
ALLIUM CEPA (country pickle), " " " "
" (in vinegar), " " " "
ANANASSA SATIVA, " " " "
ARTOCARPUS INTEGRIFOLIA, " " " "
ARTOCARPUS LAKOOCHA, " " " "
BENGAL CLUB CHUTNEY, 1st kind, from Babu Srikristo Datta, Calcutta.
" 2nd " " " "
BENINCASA CESIFERA, from Babu Lachman Prasad.
CABUL CHUTNEY, " Srikristo Datta, Calcutta.
CARISSA CARANDAS, " Lachman Prasad, Cawnpore.
CASHMERE CHUTNEY, " Srikristo Datta, Calcutta.
COLONEL SKINNER'S CHUTNEY, " "
CITRUS AURANTIUM, from Babu Lachman Prasad, Cawnpore.
CITRUS LIMONUM, " " " (two exhibits).
CUCUMIS MELO, " " "
" (var. momordica) " " (two exhibits).
CUCUMIS SATIVUS, " " "
CURRY POWDER AND PASTE, from Babu Srikristo Datta.
DAUCUS CAROTA, from Babu Lachman Prasad, Cawnpore.
FICUS CARICA, " " "
FISH, " " "
GUAVA JELLY, " Srikristo Datta, Calcutta.

Kachumbar (green), from Babu Lachman Prasad, Cawnpore.
" (white), " " "
" (in oil), " " "
HIBISCUS SABDARIFFA, from Government of India.
HILL GUAVA JELLY, " Forest Department, Nilgiris.
HILL APPLES, " Babu Amba Datta Joshi, Almora.
LEMON PICKLE, " " Srikristo Datta, Calcutta.
MAJOR GREY CHUTNEY, " " " "
MALDAH CHUTNEY " " " "
MANGIFERA INDICA (dried), from Babu Lachman Prasad.
" (green), " "
" (white), " "
" (in vinegar) " "
" (in oil), " "
" (in sweet), " Srikristo Datta, Calcutta.
" (pickle), " " "
" (sweet preserve), " "
" (sliced), from Babu " "
" (mixed chutney), " "
MOMORDICA CHARANTIA (pickle), from Babu Lachman Prasad.
" (in sweet), " "
PHYLLANTHUS EMBLICA, " "
PINEAPPLE JAM, from Babu Srikristo Datta.
PYRUS COMMUNIS, " Lachman Prasad.
PYRUS MALUS, " " " "
SWEET LUCKNOW CHUTNEY, from Babu Srikristo Datta.
Tepari JAM. " " "
ZINGIBER OFFICINALE " Lachman Prasad, Cawnpore.

VI.—SPICES AND CONDIMENTS.

ACACIA CATECHU, from Bahraich, through Agri. Dept., N.-W. P.
" Forest Dept., Cen. Provs, Betul.
ALLIUM ASCALONICUM, from Superintendent, Botanical Gardens, Saharanpur.
ALLIUM CEPA " " " "
" from Babu Mahendra Nath Bhattacharjya, Bogra.
ALLIUM SATIVUM, from Supdt., Botanical Gardens, Saharanpur.
" Babu Mahendra Nath Bhattacharijya, Bogra.
AMOMUM CARDAMOMUM, from Government of India, Calcutta.
AMOMUM SUBULATUM, from Nepal, through Agri. Dept., N.-W. P.
APIUM INVOLUCRATUM " Government of India, Calcutta.
ARECA CATECHU, " " " "
" (dried), from Babu Mahendra Nath Bhattacharjya.
" (fresh), " " " "
" from Local Committee, Chittagong. " "
Auddaki (*lal*), from Supdt., Botanical Gardens, Saharanpur.
" (*safed*), " " "
BRASSICA CAMPESTRIS (white), from Government of India, Calcutta.
CAPSICUM ANNUUM, from Bahraich, through Agri. Dept., N.-W. P.
CAPSICUM FRUTESCENS (var. Jaipur), from Government of India.
" from Government of India, Calcutta.
" " Pilibhit, through Agri Dept., N.-W. P.
" " Supdt., Botanical Gardens, Saharanpur.
" (red), from " " "
" (yellow), from " " "
" from Babu Mahendra Nath Bhattacharjya (two exhibits).

CAPSICUM FRUTESCENS from Babu Amba Datta Joshi, Almora.
" " Deputy Commr., Garo Hills, Assam.
CARUM COPTICUM, from Babu Nandalal Banerji, Behar.
" " Alwar, Rajputana.
" " Government of India, Calcutta.
" " " Cawnpore.
" " Babu Mahendra Nath Bhattacharjya.
CARUM CARUI (white), from Government of India, Calcutta.
" (black). " " "
" from Babu Amba Datt Joshi, Almora.
CARUM ROXBURGHIANUM, from Babu Mahendranath Bhattacharjya.
CARYOPHYLLUS AROMATICUS, from Government of India, Calcutta.
CHAVICA ROXBURGHII (large) " " "
" from Bahraich, through Agri. Dept., N.-W. P.
Chura, from Superintendent, Botanical Gardens, Saharanpur.
CINNAMOMUM TAMALA, from Government of India, Calcutta.
" " " Darjiling.
" " " Calcutta.
" " Bahraich, through Agri. Dept.
" (root), from Forest Dept., Bengal, Buxa.
" from Nepal, throught Agri. Dept., N.-W. P.
" " Babu Amba Datt Joshi, Almora.
" " Supdt., Botl. Gardens, Saharanpur.
" (leaves), from Forest Dept., Ranikhet.
" (") " " Buxa.
CINNAMOMUM ZEYLANICUM, from Government of India, Calcutta.
" " Forest Dept., Darjiling.
" (bark) " Madras, Nilgiris.
" from L. Liotard, Esq.
" " Supdt., Botl. Gardens, Saharanpur.
CORIANDRUM SATIVUM, from Government of India, Calcutta.
" " Alwar, Rajputana.
" " Government of India, Calcutta.
" " Supdt., Botanical Gardens, Saharanpur.
" " Babu Mahendra Nath Bhattacharjya.
" " Forest Dept., Ranikhet.
" " Babu Nandalall Banerji, Behar.
" " " Amba Datt Joshi, Almora.
" " Exhibition Committee, Ahmadnagar.
CROCUS SATIVUS, from Government of India, Calcutta.
CUBEBA OFFICINALIS " " "
CUMINUM CYMINUM (white seed), from Alwar, Rajputana.
" from Government of India, Calcutta.
" " Supdt., Botl. Gardens, Saharanpur.
" (white) " " "
CURCUMA LONGA (*desi*). from Government of India, Calcutta.
" (*pabla*) " " "
" from Kotah, Rajputana.
" " Government of India, Cawnpore.
" (*purbi*), from Supdt., Botl. Gardens, Saharanpur.
" from Babu Mohendra Nath Bhattacharjya, Bogra.
ELETTARIA CARDAMOMUM from Government of India, Calcutta.
" " Forest Dept., South Coimbatore.
FŒNICULUM, SP, from Supdt., Botanical Gardens, Saharanpur.
FŒNICULUM VULGARE, from Alwar, Rajputana.
" " Government of India, Calcutta.
" " Babu Mahendra Nath Bhattacharjya.
GLYCYRHIZA GLABRA, from Government of India, Calcutta.
Jamboo, from Babu Amba Datt Joshi, Almora.

MENTHA ROYLEANA, from Supdt., Botanical Gardens, Saharanpur.
Minja " " " "
Moirika huza " " " "
MURRAYA KONIGII " " " "
MYRISTICA MOSCHATA, from Government of India, Calcutta (two exhibits).
ONION, from Marpalli, Rajputana.
PAPAVER SOMNIFERUM (seeds), from Government of India, Calcutta.
PIPER ALBUM (white) " " "
PIPER NIGRUM (black), from Government of India, Calcutta.
PSORALEA CORYLIFOLIA " " "
PUCEDANUM GRAVEOLENS " " "
" " Supdt., Botl. Gardens, Saharanpur.
RHODOMYRTUS TOMENTOSA, from Forest Dept., Madras, Nilgiris.
TERMINALIA CHEBULA, from Babu Mahendra Nath Bhattacharjya.
TRIGONELLA FŒNUM-GRÆCUM, from Government of India, Calcutta.
" " " Botl. Gardens, Saharanpur.
" " " Babu Mahendra Nath Bhattacharjya.
" " " Forest Dept., Ranikhet (two exhibits).
" " " Babu Nandalal Banerji, Behar.
" " " Marpalli, Rajputana.
VERNONIA ANTHELMINTICA, from Babu Mahendra Nath Bhattacharjya.
ZINGIBER OFFICINALE, from Government of India, Calcutta.
" " Supdt., Botanical Gardens, Saharanpur.
" " Babu Mahendra Nath Bhattacharjya.

VII.—MEDICINAL PRODUCTS.

ABIES WEBBIANNA, from Government of India.
ABROMA AUGUSTA, " "
ABRUS PRECATORIUS (seeds, black), from Government of India.
" (seeds, red) " "
" (seeds, white) " "
" (root) " "
" (plant) " "
" (leaves, white) " "
" (leaves, red) " "
" (seeds, red) " Forest Dept., Madras, South Arcot.
" (plant) " " "
" (seeds, red) " F. Duthie, Esq., Saharanpur.
" (" white) " " "
" (") " J. A. Murray, Esq., Karachi.
" (") " Dr. Mudin Sharif, Madras.
ABUTILON INDICUM (fruit), from Government of India.
" " J. A. Murray, Esq., Karachi.
" (leaves) " " "
" " Dr. Mudin Sharif, Madras.
ACACIA ARABICA (gum) " Government of India.
" (legumes) " "
" (seeds) " "
" (bark) " "
" (leaves) " "
" (gum) " Forest Department, Kumaon.
" (") " Kotah Darbar, Rajputana.
" (") " Forest Dept., Madras, South Arcot.
" (gum, light-coloured), from " "
" (bark, light-coloured), " "
" (legumes), from Superintendent, Botanical Gardens, Saharanpur.

ACACIA ARABICA (leaves) from Superintendent, Botanical Gardens, Saharanpur.
" (gum) " " " "
" (") " J. A. Murray, Esq., Karachi.
" (") " Dr. Mudin Sharif, Madras.
ACACIA CATECHU (papri), from Government of India.
" from Forest Department, Betul, Central Provinces.
" " Superintendent, Botanical Gardens, Saharanpur.
" " Pilibhit, North-Western Provinces.
" " Dr. Mudin Sharif.
" " J. A. Murray, Esq.
" (extract of the wood), from J. A. Murray, Esq.
ACACIA CONCINNA, from Forest Department, South Coimbatore.
" (bark), from Forest Department, South Canara.
" from Dr. Mudin Sharif.
ACACIA FARNESIANA " "
ACACIA INSTIA " "
ACACIA LEBBECK- " "
ACACIA LEUCOPHLŒA " "
" " Forest Department, Madras, South Arcot.
ACACIA SPECIOSA " " "
ACALYPHA INDICA " Dr. Mudin Sharif, Madras.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Calcutta.
ACHYRANTHES ASPERA (seeds), from Government of India.
" (plant) " "
" from Forest Department, Madras, Cudappah.
" (leaves), from Government of India.
" (root) " "
" from Superintendent, Botanical Gardens, Saharanpur.
" " Dr. Mudin Sharif, Madras.
" (ash), from Government of India, Calcutta.
" from Babu Mahendra Nath Bhattacharjya.
ACHYRANTHES SP., from Forest Department, Madras, Cudappah.
ACHYRANTHES LAPACCA (seed), from J. A. Murray, Esq.
ACIDULATED LEMON SYRUP, " John J. Beck, Sialkot.
ACONITUM, from Dr. Mudin Sharif, Madras.
ACONITUM FEROX, from " "
" " Superintendent, Botanical Gardens, Saharanpur.
" " Government of India, Calcutta.
ACONITUM HETEROPHYLLUM, from Government of India, Calcutta.
" " Bahraich, Oudh.
" " Government of India, Cawnpore.
" " Dr. Mudin Sharif, Madras.
" " Pilibhit, N.-W. P.
" " Superintendent, Botanical Gardens, Saharanpur.
ACONITUM NAPELLUS (root), from J. A. Murray, Esq., Karachi.
ACORUS CALAMUS, from Government of India, Calcutta.
" " Superintendent, Botanical Gardens, Saharanpur.
" " Collector, Pilibhit, N.-W. Provinces.
" " Dr. Mudin Sharif, Madras.
" " Dr. Amba Datt Joshi, Almora.
" " J. A. Murray, Esq., Karachi (two exhibits).
ADANSONIA DIGITATA, from " " (two exhibits).
ADENANTHERA PAVONINA (seed), from Forest Department, South Arcot.
" (wood) " J. A. Murray, Esq., Karachi.
ADENEMAR HYSSOPHIFOLIA " Dr. Mudin Sharif, Madras.
ADHATODA VASICA, from Superintendent, Botanical Gardens, Saharanpur.
" " Government of India, Calcutta.

ADHATODA VASICA (root), from Government of India, Calcutta.
ADIANTUM CAPILLUS (leaves), from J. A. Murray, Esq., Karachi.
ADIANTUM VENUSTUM, from Superintendent, Botanical Gardens, Saharanpur.
ÆGLE MARMELOS (bark), from " " " "
" (") " " Babu Mahendra Nath Bhattacharjya.
" (fruit) " " " "
" (") " J. A. Murray, Esq., Karachi.
" from Government of India, Cawnpore.
" (smaller, common var. Kurg), from Dr. Mudin Sharif.
" (large or cultivated variety) " "
" (leaves), from Government of India, Calcutta.
" from Forest Department, Madras, Godavery.
" " Government of India, Calcutta.
" (bark), from " "
ÆRUA LANATA (flowering tops), from J. A. Murray, Esq., Karachi.
" (root) " " "
ÆSCHYNOMENE ASPERA, from Dr. Mudin Sharif, Madras.
AFRICAN BDELLIUM, from Dr. W. Dymock, Medical Department, Bombay.
AGARICUS OSTREATUS, from J. A. Murray, Esq., Karachi.
AGARICUS OFFICINALIS " " "
AGATI GRANDIFLORA (bark), from " "
" from Dr. Mudin Sharif, Madras.
AGAVE AMERICANA " " "
" " Superintendent, Botanical Gardens, Saharanpur.
Ahubel (unidentified) " Government of India, Calcutta.
AILANTHUS EXCELSA " Forest Department, Madras, Cuddapah.
AILANTHUS MALABARICA " South Coimbatore.
" from Dr. Mudin Sharif, Madras.
Akakia (unidentified) " J. A. Murray, Esq., Karachi.
Akash bel (unidentified) " Babu Amba Datt Joshi, Almora.
" (leaves) " " "
Aknod, from Government of India, Calcutta.
ALANGIUM DECAMPETALUM, from Dr. Mudin Sharif, Madras.
ALANGIUM HEXAPETALUM " " "
ALBIZZIA AMARA (leaves), from Forest Department, Madras, Nellore
ALBIZZIA LEBBEK (fruit) " Government of India, Calcutta.
" (bark) " " "
" (leaves) " " "
" (flower) " " "
ALBIZZA LEBBEK, from Forest Department, Madras, Caddapa.
" " Superintendent, Botanical Gardens, Saharanpur.
ALKALOID, from J. A. Murray, Esq., Karachi.
ALHAGI MAURORUM, from Dr. Mudin Sharif, Madras.
ALLIUM ASCALONICUM, from Superintendent, Botanical Gardens, Saharanpur
ALLIUM CEPA, from Dr. Mudin Sharif, Madras.
" " Babu Amba Datt Joshi, Almora.
" " Government of India, Calcutta.
" (seeds), from Alwar, Rajputana.
ALLIUM SATIVUM, from Government of India, Calcutta.
" " Babu Amba Datt Joshi, Almora.
" " Dr. Mudin Sharif, Madras.
ALMONDA, BHUTI, " Government of India, Cawnpore.
ALOE INDICA, " " Calcutta.
" " Babu Amba Datt Joshi, Almora.
" " Dr. Mudin Sharif, Madras.
" (plant), from Babu Amba Datt Joshi, Almora.
" from Forest Department, Madras, South Arcot.
" " Government of India, Calcutta.
ALOE LITTORALIS, from Dr. Mudin Sharif, Madras.

ALOE SUCCOTRINA (juice), from Dr. Mudin Sharif, Madras.
" ("), " J. A. Murray, Esq., Karachi.
ALOE VULGARIS, from Dr. Mudin Sharif, Madras.
" (plant), from Forest Department, Ranikhet.
ALPINIA CALCARATA, from Dr. Mudin Sharif, Madras.
ALPINIA CHINENSIS, " " "
ALPINIA GALANGA, " "
" (root), from J. A. Murray, Esq., Karachi.
" from Government of India, Cawnpore.
" " " Calcutta.
" (root), from Babu Amba Datt Joshi, Almora.
ALPINIA KULAIYASA, from Dr. Mudin Sharif, Madras.
ALPINIA NUTANS, " " "
ALSTONIA SCHOLARIS, from J. A. Murray, Esq., Karachi.
" " Dr. Mudin Sharif, Madras.
" " Government of India, Cawnpore.
ALTHÆA OFFICINALIS, " J. A. Murray, Esq., Karachi.
" (flower), from " "
ALTHÆA ROSEA, from Government of India, Calcutta.
" (flower), from J. A. Murray, Esq., Karachi.
" (seed), " Superintendent, Botanical Gardens, Saharanpur.
" (flower), " " " "
" (root), " " " "
" from Dr. Mudin Sharif, Madras.
ALTHENANTHERA SESSILIS, from " "
ALUM, from Government of India, Calcutta.
ALUMEN, from Dr. Mudin Sharif, Madras.
Aliva, from Government of India, Cawnpore.
Amalbash, " " Calcutta.
" " " Cawnpore.
" from Nepal, through Bahraich.
AMARANTUS SPINOSUS, from J. A. Murray, Esq., Karachi.
" " Babu Mahendra Nath Bhattacharjya.
" (leaves), from Government of India, Calcutta.
" (ash), from " "
" from Dr. Mudin Sharif, Madras.
" (root), from Government of India, Calcutta.
AMARANTUS TRISTIS (seed), from J. A. Murray, Esq., Karachi.
" from Dr. Mudin Sharif, Madras.
AMARANTH, from Collector of Pilibhit.
AMARYLLIS ASIATICUM (bulk), from J. A. Murray, Esq., Karachi (two exhibits).
AMMANNIA BACCIFERA, from Government of India, Calcutta.
AMMANIA VESICATORIA, " Dr. Mudin Sharif, Madras.
" (leaves), from J. A. Murray, Esq., Karachi (two exhibits).
AMMONHY DROCHLŒUS, from Dr. Mudin Sharif, Madras.
AMONUM CANTHIODAS, " "
AMOMUM CARDAMOMUM, from Dr. D. Macdonald, Bombay.
" " Government of India, Cawnpore.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Calcutta.
" " Dr. D. Macdonald, Bombay.
AMOMUM GLOBOSUM, " Dr. Mudin Sharif, Madras.
AMOMUM SUBULATUM, " Nepal, through Bahraich.
" " Collector of Pilibhit, N.-W. P.
AMOORA ROHITUKA, " Government of India, Calcutta.
" (bark), " " "
AMORPHOPHALLUS CAMPANULATUS, from Government of India, Calcutta (two exhibits).
" " Local Committee, Chittagong.

Amshoush seed, from Babu Mahendra Nath Bhattacharjya.
AMYGDALUS COMMUNIS (var. Dulcis), from Dr. M. Sharif, Madras.
" (var. Amara), " " "
" (seed), from J. A. Murray, Esq., Karachi.
ANACARDIUM OCCIDENTALE, from Government of India, Calcutta.
" " Forest Department, Madras, Nellore.
" " Dr. Mudin Sharif, Madras.
" " J. A. Murray, Esq., Karachi.
ANACYCLUS PYRETHRUM, " " "
ANAMIRTA COCCULUS, " " "
" from Government of India, Calcutta.
ANANASSA SATIVA, from Dr. Mudin Sharif, Madras.
" (leaves), from Babu Mahendra Nath Bhattacharjya.
" (root), " " "
ANASTATICA HYBROCHUNTINEE, from J. A. Murray, Esq., Karachi.
" (plant), from " "
ANDROGRAPHIS ECHIOIDES, from Dr Mudin Sharif, Madras.
ANDROGRAPHIS PANICULATA, from Forest Department, Madras, Cadappa.
" " " North Arcot.
" (leaves), from Government of India, Calcutta.
" from " "
" " Dr. Mudin Sharif, Madras.
" " Government of India, Calcutta.
ANDROPOGON CALAMUS AROMATICUS, from Government of India.
ANDROPOGON CITRATUS, " "
ANDROPOGON LANIGER, from J. A. Murray, Esq., Karachi.
" MURICATUS, from Government of India, Calcutta.
" " " Superintendent, Botanical Gardens, Saharanpur.
" " " Dr. Mudin Sharif, Madras.
" PACHNODES, " " "
ANEILEMA TUBEROSA, from Government of India, Calcutta.
" sp., from Superintendent, Botanical Gardens, Saharanpur.
ANETHUM SOWA, from Dr. Mudin Sharif, Madras.
" " (fruit), from J. A. Murray, Esq., Karachi.
ANISEED (China), from Government of India, Cawnpore.
" (India), " " "
Ani from Marpalli, Rajputana.
ANISOCHILUS CARNOSUS, from Dr. Mudin Sharif, Madras.
ANISOMELIS MALABARICA, " " "
" OVATA, " " "
ANOGEISSUS LATIFOLIA, " Forest Department, Betul Division.
ANONA RETICULATA, " Government of India, Calcutta.
" SQUAMOSA (leaves), from Government of India, Calcutta.
" " (dried fruit), from " "
ANTHEMIS NOBILIS (flower), from J. A. Murray, Esq., Karachi.
ANTHOCEPHALUS CADAMBA (bark), from Forest Department, Buxa Division.
ANTIFEVER MIXTURE, from Narayan Chand Dutt & Co., Calcutta.
ANTIMONIUM SULPHURATUM, from Dr. Mudin Sharif, Madras.
ANTIRRHINUM GLAUCUM (leaves), from J. A. Murray, Esq., Karachi.
APIS MELLIFICA, " " "
APIUM GRAVEOLENS (fruit), " " "
APLOTAXIS AURICULATA, " " " (two exhibi
Aprajita gach, from Government of India, Calcutta.
" (flower), from " " "
APRICOT, " " " Cawnpore.
AQUILARIA AGALLOCHA, " " " "
" " " " " Calcutta.
ARABIAN MIRCH, from Dr. W. Dymock, Medical Department, Bombay.

ARACHIS HYPOGŒA, from Dr. Mudin Sharif, Madras.
" " Government of India, Calcutta,
" (oil), from J. A. Murray, Esq., Karachi.
ARDISIA HUMILIS, from Government of India, Calcutta.
ARECA CATECHU, " " " (two exhibits).
" " " Cawnpore.
" " Dr. Mudin Sharif, Madras.
" (flower), from Babu Amba Datt Joshi, Almora.
ARENGA SACCHARIFERA, " Forest Department, Pegu Circle, Rangoon.
ARGEMONE MEXICANA, " Government of India, Calcutta.
" " Forest Department, Madras, Cadappa.
" " J. A. Murray, Esq, Karachi.
" " Government of India, Cawnpore.
" " Dr. Mudin Sharif, Madras.
ARGENTUM, " " "
ARGYREIA SP., from Superintendent, Botanical Gardens, Saharanpur.
" SPECIOSA, from Government of India, Calcutta.
" " Dr. Mudin Sharif, Madras.
ARISTOLOCHIA BRACTEATA, from Dr. Mudin Sharif, Madras.
" " J. A. Murray, Esq., Karachi.
ARITOLOCHIA INDICA, " " "
ARISTOLOCHIA INDICA, from Forest Department, Madras, Nellore.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Calcutta.
" (plant), from " "
ARISTOLOCHIA ROTUNDA (root), " J. A. Murray, Esq., Karachi.
" (herb), " " "
ARSENICUM ALBUM, from Dr. Mudin Sharif, Madras.
" BISULPHURETUM, from " "
" TERSULPHURETUM, " " "
ARTABOTRYS ADABOLISSI, " " "
ARTEMISIA DILLENII, from Government of India, Calcutta.
" INDICA (leaves and tops), from J. A. Murray, Esq.
" MARITIMA, " "
" SIEVERSIANA, " "
" STERNUTATORIA (powdered leaves), from,
" VULGARIS, from Government of India, Calcutta.
" " " Dr. Mudin Sharif, Madras.
ARTOARPUS LAKOOCHA, from Government of India, Calcutta.
ARUM SP., from J. A. Murray, Esq., Karachi.
Asalia (seed), from Marpali, Rajputana.
ASARUM EUROPŒUM (root), from J. A. Murray, Esq., Karachi.
ASCLEPIAS CURASSAVICA, from Dr. Mudin Sharif, Madras.
Ashu gach, from J. A. Murray, Esq., Karachi.
ASPARAGUS ADSCENDENS, from J. A. Murray, Esq., Karachi (two exhibits).
" OFFICINALIS, " " "
" RACEMOSUS, " Babu Mahendra Nath Bhattacharjee.
" " " Government of India, Calcutta.
" " " Forest Department, Madras, Southern Circle.
" " " " " Cudappa.
" " (leaves), from Government of India, Calcutta.
" " (root), " Babu M. N. Bhattacharjya.
" " (tree), " "
" " from Forest Department, Singbhum.
" " " Dr. Mudin Sharif, Madras.
ASPARAGUS SARMENTOSUS, from " "
" " Government of India, Calcutta.
" (root), from J. A. Murray, Esq., Karachi.
ASPARAGUS SATAWAR, ("), " " "

ASAFŒTIDA (SEED), from J. A. Murray, Esq., Karachi.
ASTERACANTHA LONGIFOLIA, ,, ,, ,, (two exhibits).
,, ,, Dr. Mudin Sharif, Madras.
,, (leaves), from Government of India, Calcutta.
,, (seed), ,, ,, Cawnpore.
ASTRAGALUS ADSCENDENS (root), ,, J. A. Murray, Esq., Karachi.
ASTRAGALUS HAMOSUS, from Government of India, Calcutta.
,, (pod), from J. A. Murray, Esq., Karachi.
Ateshuarimul, from Babu Mahendra Nath Bhattacharjya.
Ator, ,, ,, ,,
ATROPA BELLADONNA, from Dr. Mudin Sharif, Madras.
Aubir, from Government of India, Calcutta.
Auchuchuk (edible seed), from L. Liotard, Esq., Revenue and Agricultura Department.
AUKLANDIA COSTUS (root), from J. A. Murray, Esq., Karachi.
,, from Government of India. Calcutta.
Aurum (unidentified), from Dr. Mudin Sharif, Madras.
AVERRHOA BILIMBI, ,, ,, ,,
AVERRHOA CARAMBOLA, ,, ,, ,,
,, (leaves), from Government of India, Calcutta.
,, (fruit), ,, ,, ,,
,, (bark), ,, ,, ,,
AVICENNIA TOMENTOSA, from Dr. Mudin Sharif, Madras.
Ayar, from Babu Amba Datt Joshi, Almora.
,, (leaves), from ,, ,,
AZADIRACHTA INDICA (fruit), from J. A. Murray, Esq., Karachi.
,, (oil), ,, ,, ,,
,, from Forest Department, Madras, Southern Circle.
,, ,, ,, ,, South Arcot.
,, ,, Dr. Mudin Sharif, Madras.
AZIMA TETRACANTHA, ,, ,, ,,
Babaila, from Collector, Pilibhit, N.-W. Provinces.
Babun, from Government of India, Calcutta.
Badhabrodh, ,, ,, ,,
Bahamon, ,, ,, ,,
Bahiman (lal), from ,, Cawnpore.
,, (safed), from ,, ,,
BALIOSPERMUM POLYANDRA, from Dr. Mudin Sharif, Madras.
BALIOSPERMUM ROXBURGHII (plant), from ,, ,,
Bajia, from Marpalli, Rajputana.
Bajar, batta nut, from Government of India.
Bakain, from Government of India, Cawnpore.
Bakanla, ,, Babu Amba Datt Joshi, Almora.
Bakhma, ,, Nepal, through Bahraich.
Bakomla, ,, Government of India, Calcutta.
Bakawa Bindh, from Nepal, through Bahraich.
Baladumur, from Babu Mahendra Nath Bhattacharjya.
BALANITES ROXBURGHII, from Forest Department, Betul Division.
,, (leaves), from Forest Department, Hoshangabad.
,, (,,), ,, ,, ,,
BALANOPHORA INDICA, from J. A. Murray, Esq., Karachi.
Balanga (unidentified), ,, Government of India, Cawnpore.
Balor (seed—unidentified), from Marpalli, Rajputana.
Bal pata, (unidentified), from Government of India, Calcutta.
BALSAMODENDRON AGALLOCHA, from Dr. Mudin Sharif, Madras.
BALSAMODENDRON MUKUL, ,, ,, ,,
,, ,, J. A. Murray, Esq., Karachi.
,, ,, Government of India, Cawnpore.
,, ,, Dr. Mudin Sharif, Madras.

BALSAMODENDRON MYRRHA, from Dr. Mudin Sharif, Madras.
BALSAMODENDRON PUBESCENS, ,, ,, ,,
BALSAMODENDRON SP., ,, ,, ,,
BAMBUSA ARUNDINACEA, (pulp), from Government of India, Calcutta.
,, (ash), ,, ,, ,,
,, from Dr. Mudin Sharif, Madras.
,, ,, J. A. Murray, Esq., Karachi.
,, (leaves and flowers), from Forest Department, Pegu Circle, Rangoon.
,, (leaves), from Forest Department, Pegu Circle, Rangoon.
Bana mul, from Government of India, Calcutta.
Bank mul, from Babu Amba Datt Joshi, Almora.
Baokhambha, from Government of India, Cawnpore.
BARLERIA LONGIFOLIA (seed), from J. A. Murray, Esq., Karachi.
BARLERIA PRIONITIS, from Dr. Mudin Sharif, Madras.
BAROSMA CRENATA (leaves), from J. A. Murray, Esq., Karachi.
BARRINGTONIA ACUTANGULA, from Superintendent, Botanical Gardens, Saharanpur.
,, (fruit), from J. A. Murray, Esq., Karachi.
Barri Dardi, from Forest Department, Betul Division.
Bartang, from Government of India, Cawnpore.
Bashak pata, from Babu Mahendra Nath Bhattacharjya.
BASELLA CORDIFOLIA, from Dr. Mudin Sharif, Madras.
BASSIA BATYRACEA, ,, Collector of Pilibhit (two exhibits).
,, ,, Forest Department, Kalimpong, Tista District.
BASSIA LATIFOLIA, (bark), from Superintendent, Botanical Gardens, Saharanpur.
,, (flower), ,, ,, ,, ,,
BASSIA LONGIFOLIA, ,, Dr. Mudin Sharif, Madras.
Bastaurus, from Dr. Mudin Sharif, Madras.
BATATAS PANICULATA, from Government of India, Calcutta.
,, ,, Forest Department, Central Provinces, Nagpur.
BATATAS PENTAPHYLLA, from Dr. Mudin Sharif, Madras.
BATATAS SP., from Babu Amba Datt Joshi, Almora.
,, (leaves), from ,, ,,
BAUHINIA PURPUREA, ,, Babu Mahendra Nath Bhattacharjya.
,, ,, Superintendent, Botanical Gardens, Saharanpur.
BAUHINIA VARIEGATA, ,, Babu Amba Datt Joshi, Almora.
Beg banafsha, from Government of India, Calcutta.
Beg muskh, ,, ,, ,,
Beichandi, ,, Forest Department, Betul Division.
BENINCASA CERIFERA, from Government of India, Calcutta.
,, ,, Superintendent, Botanical Gardens, Saharanpur.
,, (root), from Government of India, Calcutta.
,, (leaves), from ,, ,, (two exhibits).
,, (root), ,, Forest Department, Chaubattia, Ranikhet.
BERBERIS ARISTATA, from J. A. Murray, Esq., Karachi.
,, ,, Government of India, Cawnpore.
,, ,, Dr. Mudin Sharif, Madras.
BERBERIS SP., from Superintendent, Botanical Gardens, Saharanpur.
BERBERIS ASIATICA, from Dr. Mudin Sharif, Madras,
BERBERIS LYCIUM, ,, J. A. Murray, Esq., Karachi (two exhibits).
BERBERIS LYCIUM, from Dr. Mudin Sharif, Madras.
BERGERA KŒNIGII, ,, ,, ,,
BERTHELOTIA LANCEOLATA, from J. A. Murray, Esq., Karachi.
BETA VULGARIS (seeds), ,, Government of India, Calcutta.
Bezoar, from Dr. Mudin Sharif, Madras.
Bhandi gach, from Babu Mahendra Nath Bhattacharjya, Bogra.
Bhangra, ,, Government of India, Cawnpore.
Bhawrali, ,, Babu Amba Datt Joshi, Almora.
Bhet pata, ,, Government of India, Calcutta.

Bhim raj, from Government of India, Calcutta.
Bhiringjraj sail, from Babu Mahendra Nath Bhattacharjya, Bogra.
Bhumi kadamba, „ „ „ „
Bhamiaamlak gach, „ „ „ „
Bhomats (bark and twigs), from Forest Department, Lakhimpur.
Bichtraka gach, from Babu Mahendra Nath Bhattacharjya, Bogra.
BIGNONIA CHELONOIDES, from Dr. Mudin Sharif, Madras.
Bij tomar, from Government of India, Cawnpore.
Bili akand, „ „ Calcutta.
Bimmih, „ „ Cawnpore.
Bini alu, „ Local Committee, Chittagong.
Biran mul, „ Babu Mahendra Nath Bhattacharjya, Bogra.
Biroza, from Collector of Pilibhit, North-Western Provinces.
Bish or *bikh* (Assam poison), from Government of India.
Bishalya karali gach, from Babu Mahendra Nath Bhattacharjya.
Bit laban (prepared salt), from Dr. Mudin Sharif, Madras.
BIXA ORELLANA, from Dr. Mudin Sharif, Madras.
„ „ Government of India, Calcutta.
BLACK TALC, „ „ „
BLOOD PURIFIER, „ Messrs. Narayan Chand Dutt & Co., Calcutta.
BLUMEA AURITA, „ Dr. Mudin Sharif, Madras.
BLUMEA LACERA, „ „ „
BŒRHAAVIA DIFFUSA, from Dr. Mudin Sharif, Madras.
BŒRHAVIA DIANDRA, „ Government of India, Calcutta.
Boisakhi palasi „ „ „
Bokrabish creeper, „ Forest Department, Goalpara Division.
BOLUS ARMENIA, „ Dr. Mudin Sharif, Madras.
BOMBAX MALABARICUM (gum), from Government of India, Calcutta.
„ (bark), „ „ „
„ (bark), „ Superintendent, Botanical Gardens, Saharanpur.
„ (gum), „ „ „ „
„ (root), „ „ „ „
„ from Babu Amba Datt Joshi, Almora.
„ „ Dr. Mudin Sharif, Madras.
BOMBAY ASPARAGUS TOREMENTUS, from Forest Department, Betul.
BOMBAY MASTICH, from J. A. Murray, Esq., Karachi.
Bon barbati (plant), from Government of India, Calcutta.
Bon pui „ „ „
Bon shon „ „ „
Borahuda, from Forest Department, Goalpara Division.
BORASSUS FLABELLIFORMIS, from Dr. Mudin Sharif, Madras.
BORAX, from Government of India, Calcutta.
„ „ „ Cawnpore.
„ „ Forest Department, Chaubattia, Ranikhet Division.
Borun, „ Babu Mahendra Nath Bhattacharjya, Bogra.
BOSWELLIA FLORIBUNDA, from Dr. Mudin Sharif, Madras.
BOSWELLIA GLABRA, „ „ „
„ „ Forest Department, South Arcot, Madras
BOSWELLIA THURIFERA, „ Dr. Mudin Sharif, Madras.
„ „ Forest Department, Madras, Cudappa.
„ „ Nepaul, through Bahraich.
BOSWELLIA PAPYRIFERA, from J. A. Murray, Esq., Karachi.
Bomhaharu, from Forest Department, Lakhimpur Division.
BRASSICA CAMPESTRIS (black), from J. A. Murray, Esq., Karachi.
„ (red), „ „ „ (two exhibits).
„ (white), „ „ „
„ „ Government of India, Calcutta.
BRASSICA JUNCEA, from Dr. Mudin Sharif, Madras.

BRASSICA JUNCEA, from Government of India, Calcutta.
BRASSICA NIGRA, „ „ Cawnpore.
BARSSIC ARAPA, „ „ Calcutta.
BREAD KOHIS EARTH, from „ Cawnpore.
Brihati gach, from Babu Mahendra Nath Bhattacharjya, Bogra.
BRYONIA CALLOSA, from Dr. Mudin Sharif, Madras.
BRUONIA CALRELLA „ „ „
BRYONIA EPIGŒA „ „ „
BRYONIA SPIGACA, „ Forest Department, Madras Circle.
BUCHANANIA LATIFOLIA, from „ Central Provinces, Betul.
„ (seed), from Superintendent, Botanical Gardens, Saharanpur.
„ (gum), „ „ „ „
„ from Government of India, Cawnpore (two exhibits).
„ „ Dr. Mudin Sharif, Madras.
BUTEA FRONDOSA, (gum), from Government of India, Calcutta.
„ from Superintendent, Botanical Gardens, Saharanpur.
„ (bark), from Babu Mahendra Nath Bhattacharjya, Bogra.
„ (seed), „ J. A. Murray, Esq., Karachi.
„ (flower), „ „ „
„ „ Government of India, Cawnpore.
„ „ Dr. Mudin Sharif, Madras.
Byanihapata, from Forest Department, Lakhimpur Division.
CÆSALPINIA BONDUCELLA, from Superintendent, Botanical Gardens, Saharanpur.
„ (fruit), from Babu Mahendra Nath Bhattacharjya.
CÆSALPINIA SAPPAN, from Government of India, Calcutta.
CAJANUS INDICUS, „ „ „
CALENDULA OFFICINALIS, from Babu Mahendra Nath Bhattacharjya (two exhibits).
CALICACION LONGIFOLIA, from J. A. Murray, Esq., Karachi (two exhibits).
CALLIGONUM POLYGONOIDES (root and bark), from J. A. Murray, Esq.
CALLITRIS QUADRIVALVIS, from J. A. Murray, Esq.
CALOPHYLLUM INOPHYLLUM, from Forest Department, South Canara.
„ (leaves and stems), from J. A. Murray, Esq.
CALOSANTHES INDICA, from Forest Department, Chaubattia, Ranikhet.
„ „ J. A. Murray, Esq., Karachi.
CALOTROPIS GIGANTEA (leaves), from Botanical Gardens, Seebpur.
„ (root), „ Government of India, Calcutta.
„ (bark), „ „ „
„ „ „ Cawnpore.
„ (bark), „ J. A. Murray, Esq., Karachi.
„ (root), „ „ „
CALOTROPIS SP., from Babu Mahendra Nath Bhattacharjya.
CALOTROPIS PROCERA, from Supdt., Botanical Gardens, Saharanpur.
„ (root), from J. A. Murray, Esq., Karachi.
CAMELLIA THEIFERA, from L. Liotard, Esq., Rev. and Agri. dept.
CAMPHORA GLANDULIFERA, from Government of India, Calcutta.
CAMPHORA OFFICINARUM „ „ „
„ „ „ Cawnpore.
„ (juice), from „ „
CANARIUM STRICTUM (black), from Forest Dept., South Coimbatore.
„ „ „ Madras, Nilgiris.
CANAVALIA ENSIFORMIS, from Government of India, Calcutta.
CANNA INDICA, „ „ „
„ (root) „ „ „
CANNABIS SATIVA, from Babu Amba Datt Joshi, Almora.
„ „ Government of India, Calcutta.
„ „ Supdt., Botanical Gardens, Saharanpur.
„ (round ganja), from Collector of Calcutta.
„ (bhang), „ „

CANNABIS SATIVA, from (charas), from Collector of Calcutta
" (ganja chur), " "
" (flat ganja), " "
" (herb), from J. A. Murray, Esq., Karachi.
" (with stalks), from Babu Lachman Prasad.
CAPPARIS SEPIARIA, from Forest Department, Madras, Cuddapa.
CAPRESSUS SEMPERVIRENS, from Supdt., Botl. Gardens, Saharanpur.
CAPSICUM FRUTESCENS, from Government of India, Calcutta.
CAPTISTEATA (root), from J. A. Murray, Esq., Karachi.
CARDIOSPERMUM HALICACABUM (seed), " " "
CARDUUS NUTANS (flower), " " "
CARDUM (plant), " " " (two exhibits).
CAREYA ARBOREA (flower and fruit), " " "
" from Supdt., Botanical Gardens, Saharanpur.
CARISSA CARANDAS, from Forest Department, Madras, Cuddapa.
CARMELIA KAMTSCHADALIS, from Collector of Pilibhit.
CARROT (seed), from Government of India, Calcutta.
CARTÆVA NUEVALA, from Forest Department, Madras, North Arcot.
CARTHAMUS TINCTORIUS (flower), from J. A. Murray, Esq., Karachi.
" ("), " Government of India, Calcutta.
CARUM CARUI, from Government of India, Calcutta.
" (black), from " "
" from Marpalli, Rajputana.
" " J. A. Murray, Esq., Karachi.
CARUM COPTICUM, from Supdt., Botanical Gardens, Saharanpur.
" " Marpalli, Rajputana.
" " Government of India, Cawnpore.
" (desi), from Government of India, Cawnpore.
CARUM ROXBURGHIANUM, " " Calcutta.
" " " Cawnpore.
" " Collector of Pilibhit, N.-W. Provinces.
CARYOPHYLLUS AROMATICUS, from Government of India, Calcutta.
" (flower-bud), from Karachi.
" from Government of India, Cawnpore.
CASCANTA REFIEXA (seeds), from J. A. Murray, Esq., Karachi.
" (plant), " Forest Dept., Ranikhet, Chaubattia.
" from Supdt., Botanical Gardens, Saharanpur.
CASHEW ARRACK " Forest Dept., Madras, South Canara.
CASSIA ABSUS (seed), from Forest Dept., Ranikhet, Chaubattia.
" (") " J. A. Murray, Esq., Karachi.
" " Babu Amba Dutt Joshi, Almora.
CASSIA ALATA (leaves), " Government of India, Calcutta.
CASSIA AURICULATA " Forest Dept., Madras, Cuddapa.
" " " South Arcot.
" " J. A. Murray, Esq., Karachi.
CASSIA ELONGATA, from Government of India, Calcutta.
CASSIA FISTULA (flower), from Government of India, Calcutta.
" (bark), " "
" from Forest Dept., Central Provinces, Nagpur.
" (seed), from Government of India, Calcutta.
" from Forest Dept., Madras, South Arcot.
" " " Cuddapa.
" " Government of India, Cawnpore.
" " Forest Dept., Madras, South Arcot.
" (leaves), from Government of India, Calcutta.
" (bark), " Supdt., Botanical Gardens, Saharanpur.
" (pods), " "
CASSIA LANCEOLATA (leaves), from J. A. Murray, Esq., Karachi.
" from Forest Dept., Madras, Cuddapa.

CASSIA LANCEOLATA from Forest Dept., Madras, North Arcot.
" Supdt., Botanical Gardens, Saharanpur.
CASSIA OBOVATA, " Forest Dept., Madras, South Coimbatore.
CASSIA OCCIDENTALIS, from Supdt., Botanical Gardens, Saharanpur.
" (leaves), from Government of India, Calcutta.
" from L. Liotard, Esq., Rev. and Agri. Dept.
" (seed), from Government of India, Calcutta.
CASSIA SP., from J. A. Murray, Esq., Karachi.
CASSIA SOPHORA, from " "
CASSIA TORA, " " "
" (seed), from Government of India, Calcutta.
" (seed), " L. Liotard, Esq., Govt. of India, Calcutta.
" (flower), " Government of India, Calcutta.
" (leaves), " " "
" from Superintendent, Botanical Gardens, Saharanpur.
CASSYTHA FILIFORMIS (plant), from J. A. Murray, Esq., Karachi.
CASUARINA EQUISETIFOLIA (bark), " "
CASUARINA MURICATA (bark), from Forest Dept., South Arcot (three exhibits).
CATECHU CHINA, from J. A. Murray, Esq., Karachi.
CATHARTOCARPUS FISTULA, from J. A. Murray, Esq., Karachi.
CEDRELA TOONA (bark), from Babu Amba Datt Joshi, Almora.
CEDRUS DEODARA, from Government of India, Calcutta.
CELASTRUS PANICULATUS, from " "
" " Botanical Gardens, Saharanpur.
" " J. A. Murray, Esq., Karachi.
" (seed), from " "
" from Government of India, Cawnpore.
CENTAUREA BEHEN, from J. A. Murray, Esq., Karachi.
CENTIPEDA ORBICULARIS from Superintendent, Botanical Gardens, Saharanpur.
CEOLOSIA ARGENTIA (seed), from J. A. Murray, Esq., Karachi.
CERASUS SP., " " "
Chahi, from Nepal, through Bahraich.
Chab (sweet), from Collector of Pilibhit.
Chagol nadi, " Government of India, Calcutta.
Chakula pata, " " "
Chalida pata, " " "
" (root), from " "
" (bark), " " "
Charkoly, from Forest Department, Orissa.
Chatin chhal (bark), from Forest Department.
CHAVICA BETLE, from Babu Ambu Datt Joshi, Almora.
CHAVICA ROXBURGHII, from J. Campbell, Esq., Darrang, Nowgong.
" " Collector of Pilibhit, N.-W. Provinces.
" " Babu Mahendra Nath Bhattacharjya.
" (fruit), from " "
" from J. A. Murray, Esq., Karachi.
" " Government of India, Calcutta.
" " " Cawnpore.
CHENOPODIUM ALBUM (seed), from J. A. Murray, Esq., Karachi.
CHIERANTHUS CHIERI (seed), " " "
Chhatwar, from Collector of Pilibhit, N.-W. Provinces.
CHINA RHUBARB, from " " "
Chinlia, from Marpalli, Rajputana.
Chini GRASS, from J. A. Murray, Esq., Karachi.
Chiranji, from Superintendent, Government Farm, Cawnpore.
Chitra (root), from Babu Amba Datt Joshi, Almora.
Chomla (seed), from Marpalli, Rajputana.
CHONDRUS CRIPSIS (algoe), from J. A. Murray, Esq., Karachi.
Chook, from Nepal, through Bahraich.

Chouli, from L. Liotard, Esq., Revenue and Agricultural Department.
Chowar, from Bambu Amba Datt Joshi, Almora.
Chuk, „ Government of India, Calcutta.
Chunsur, „ „ „
Churan, „ „ Cawnpore.
Chut, „ „ Calcutta.
Chyurd, „ Superintendent, Botanical Gardens, Saharanpur.
CICHORIUM INTYBUS, from Government of India, Calcutta.
„ (leaves), from Botanical Gardens, Saharanpur.
„ (seed), from Government of India, Calcutta.
„ from Alwar, Rajputana.
„ from J. A. Murray, Esq., Karachi.
„ (roots), from Botanical Gardens, Saharanpur.
„ (seeds), „ „ „
CINCHONA ANGUSTIFOLIA (bark), from Forest Department, Madras, Nilgiris.
CINCHONA CALISAYA (var. Anglica), „ „ „
„ (var. Javinica), „ „
„ (var. Jareasystim) „ „ „
„ (var. mossed), „ „ „ (five exhibits).
„ (var. bark), „ „ „
„ (var. mossed), „ „ „ (two exhibits).
„ (var. renewed), „ „ „
„ (var. natural, red bark), „ „
„ (var. renewed), „ „ (four exhibits).
„ (var. renewed bark), „ „ (two exhibits).
CINCHONA MAGNIFOLIA (var. natural), from „ „ (two exhibits).
CINCHONA MICRANTHA (var. grey bark), from „ „
CINCHONA OFFICINALIS (var. crown system), from „ „
„ (var. natural crown bark), „ „
„ (var. renewed bark), from „ „
CINCHONA PUBESCENS (var. natural bark), „ „ „
CINCHONA SUCCIRUBRA (var. natural red bark), „ „
CINCHONA THATHUDIANA (var. natural bark), „ „ „
CINCHONA WRITUSINGA (var. natural), „ „ „
„ (Calisaya delgeriana bark), from Royal Botanical Garden, Seebpore (two exhibits).
„ (Crystalline febrifuge bark) „ „ „
„ (Hybrid bark), „ „ „ (two exhibits).
„ (Officinalis bark), „ „ „ (two exhibits).
„ (Ordinary febrifuge bark), „ „ „
„ (Pahudiana bark), „ „ „ (two exhibits).
„ (Succirubra bark), „ „ „
„ (Succirubra pulverised bark), „ „ „
„ (Sulphate of quinine bark), „ „ „
CINNABAR, from Government of India, Calcutta.
CINNAMOMUM ALBIFLORUM, from J. A. Murray, Esq., Karachi.
CINNAMOMUM ALBIFLORUM, from Collector of Pilibhit.
CINNAMOMUM CASSIA, from Supdt., Botanical Gardens, Saharanpur.
„ „ Government of India, Calcutta.
CINNAMOMUM TAMALA, „ „ Cawnpore.
„ „ „ Calcutta.

CINNAMOMUM TAMALA, from Forest Dept., Kumaun Division.
„ „ Collector of Pilibhit.
„ „ Forest Dept., Kolimpeng, Tista.
„ „ Supdt., Botanical Gardens, Saharanpur.
CINNAMOMUM ZEYLANICUM (bark), from J. A. Murray, Esq., Karachi.
„ from Forest Dept., Madras, Nilgiris.
„ „ Govt. of India, Cawnpore.
CISSAMPELOS PAREIRA, from Babu Amba Datt Joshi, Almora.
„ (root), from „ „ „
„ from Forest Dept., Ranikhet, Chaubattia.
„ „ Supdt., Govt. Botl. Gardens, Saharanpur.
CITRULLUS COLOCYNTHIS, from Babu Amba Datt Joshi, Almora.
„ (fruit), from J. A. Murray, Esq., Karachi.
„ from Babu Datt Joshi, Almora.
„ „ Government of India, Cawnpore.
„ „ „ Calcutta.
„ „ Forest Dept., Chaubattia, Ranikhet.
CITRULLUS VULGARIS, from Supdt., Botanical Gardens, Saharanpur.
„ (seed), from Marpalli, Rajputana.
CITRUS ACIDA, (fruit), from Government of India, Calcutta (two exhibits).
CITRUS LIMONUM (fruit), from J. A. Murray, Esq., Karachi.
CITRUS MEDICA (leaves), „ Forest Dept., Ranikhet, Chaubattia.
CLERODENDRON INFORTUNATUM, from Government of India, Calcutta.
CLERODENDRON SERRATUM, „ J. A. Murray, Esq., Karachi.
CLITORIA TERNATEA, „ „ „
COCCINIA INDICA (leaves), „ Government of India, Calcutta.
„ (root), „ „ „
COCCULUS CORDIFOLIUS (root), „ J. A. Murray, Esq., Karachi.
COCCULUS INDICUS, „ „ „
COCCULUS PALMATUS, „ Government of India, Calcutta.
COCCULUS VILLOSUS, „ J. A. Murray, Esq., Karachi (two exhibits).
COCCUS CACTI, „ „ „
COCHIN GINGER, „ „ „
COCHLOSPERMUM GOSSYPIUM, „ J. A. Murray, Esq., Cawnpore.
„ „ Kotah, Rajputana.
„ (gum), „ J. A. Murray, Esq., Karachi.
„ „ Botl. Gardens, Saharanpur.
COCO-DE-MER, „ J. A. Murray, Esq., Karachi.
COCOS NUCIFERA (flower), „ Government of India, Calcutta.
„ (root), „ „ „
„ (oil), „ J. A. Murray, Esq., Karachi.
„ „ Government of India, Cawnpore.
COFFEA ARABICA, „ „ Calcutta.
COLOCASIA SP., „ „ „
COLCHICUM SP., „ J. A. Murray, Esq., Karachi.
COMMELINA NUDIFLORA. „ Government of India, Calcutta.
COMMELINA OBLIQUA, „ Babu Amba Datt Joshi, Almora (two exhibits).
„ „ Forest Dept., Ranikhet, Chaubattia.
CONIUMM ACULATUM, „ J. A. Murray, Esq., Karachi.
CONVOLVULUS SP., „ „ „
CONVOLVULOUS SCAMMONIA, „ „ „
CONVOLVULUS SPHOEROCEPHALA, „ Botl. Gardens, Saharanpur.
COPTIS TEETA, „ J. A. Murray, Esq., Karachi.
CORCHORUS HUMILIS, „ „ „
CORCHORUS OLITORIUS, „ Government of India, Calcutta.
„ (seed), „ „ „
„ (plant), „ „ „

CORCHORUS OLITORIUS, (seed), from Babu M. N. Bhattacharjya.
CORDIA MYXA, " "
" from Supdt., Botanical Gardens, Saharanpur.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
" (fruit), from J. A. Murray, Esq., Karachi.
CORDIA ROTHII (bark), " Supdt., Botanical Gardens, Saharanpur.
" (leaves) " " "
CORIANDRUM SATIVUM, " Government of India, Calcutta (two exhibits).
" " Babu Mahendro Nath Bhattacharjya.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
" " Marpalli, Rajputana.
COTULA ANTHEMOIDES (leaves), from J. A. Murray, Esq., Karachi.
CRATÆVA MURVALA, " " "
CRATÆVA TAPIA, from Forest Dept., Madras, South Arcot.
CROCUS SATIVUS (stigma saffron); from Forest Dept., South Arcot.
" from Government of India, Cawnpore.
" " " Calcutta.
CROTALARIA JUNCEA (seed), from Government of India, Calcutta.
CROTON POPHIANDRUM, " " "
CROTON TIGLIUM " Nepal.
" (seed), " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
" " " Calcutta.
CUBEBA OFFICINALIS, " " "
" (berry cubebs), from Karachi.
" from Government of India, Cawnpore.
CUCUMIS AMARUS (fruit), from J. A. Murray, Esq., Karachi.
CUCUMIS MELO (MOMORDICA), from Government of India, Calcutta (two exhibits).
" from Superintendent, Botanical Gardens, Saharanpur.
" (UTILISSIMUS), from Botl. Gardens, Saharanpur (two exhibits.)
" ("), " Government of India, Calcutta.
" ("), " Botl. Gardens, Saharanpur.
CUCUMIS SATIVUS, " Government of India, Calcutta.
CUCUMIS SATIVUS (seed), from Superintendent, Botanical Gardens, Saharanpur.
" (fruit), " " " " (two exhibits).
" " Government of India, Cawnpur.
" " Superintendent, Botl. Gardens, Saharanpur.
CUCURBITA MOSCHATA (flower), from " " " (two exhibits).
CUCURBITA PEPO, " Government of India, Calcutta.
" (seed), " Marpalli, Rajputana.
CUMINUM CYMINUM, " Government of India, Calcutta.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpur.
CUPRI SULPHAS, " " "
CURCULIGO ORCHIOIDES, " Calcutta.
" " J. A. Murray, Esq., Karachi.
" " Forest Department, Madras.
" " Northern Circle, Cudappa.
CURCUMA AMADA, " Government of India, Calcutta.
" " " Cawnpore.
CURCUMA ANGUSTIFOLIA, " " "
" " " Calcutta (two exhibits).
CURCUMA AROMATICA, " Forest Department, Madras, North Arcot.
CURCUMA LONGA, " Government of India, Calcutta.
" (flower), " " "
" " Babu Amba Datt Joshi, Almora.

CURCUMA LONGA, from Collector of Pilibhit, N.-W. Provinces.
" (Purbi), " " "
" " J. A. Murray, Esq., Karachi.
" " Forest Dept, Madras, South Coimbatore (three exhibits).
" " Government of India, Calcutta.
CURCUMA ZEDOARIA, " Superintendent, Botanical Gardens, Saharanpur.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Calcutta.
" (rhizome), " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
CURCUMA ZERUMBET, " Nepal.
CUTCH, " J. A. Murray, Esq., Karachi.
CUTTLE-FISH BONE, " *Government of India, Calcutta.*
CYDONIA VULGARIS, " " "
" " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpur.
CYNODON DACTYLON, " " Calcutta.
CYPERUS PERTENUIS, " Forest Dept., Madras, Southern Circle.
" " J. A. Murray, Esq., Karachi.
CYPERUS ROTUNDUS, " Supdt., Botanical Gardens, Saharanpur.
" " Government of India, Calcutta.
" (root), " Babu Mahendranath Bhattacharjya.
" ("), " J. A. Murray, Esq., Earachi.
" " Baboo Amba Datt Joshi, Almora.
Daru WOOD, " J. A. Murray, Esq., Karachi.
Dasto bich, " Government of India, Calcutta.
DATISCA CANNABINA, " Forest Department, Ranikhet, Chaubattia.
" " Babu Amba Datt Joshi, Almora.
DATURA ALBA (seed), " " "
" ("), " J. A. Murray, Esq., Karachi.
DATURA FASTUOSA, " Government of India, Calcutta.
" (root), " " " "
" (leaves), " " "
" (fruit), " Mahendra Nath Bhattacharjya, Bogra.
DATURA NIGRA, (seed), " J. A. Murray, Esq., Karachi
DAUCUS CAROTA ("), " Babu Amba Datt Joshi, Almora.
" ("), " J. A. Murray, Esq., Karachi.
Dinder phul, " Government of India, Benares.
Dawkopah, " Forest Department, Lakhimpur Division.
DELPHINIUM DENUDATUM (plant), from J. A. Murray, Esq., Karachi.
" SANICULÆFOLIUM (flower), from " " (two exhibits)
DESMODIUM GANGETICUM, from Superintendent, Botanical Gardens, Saharanpur.
" " J. A. Murray, Esq., Karachi.
" " Forest Department, Orissa.
" " Government of India, Calcutta.
DESMODIUM LAXIFLORUM, " Superintendent, Botanical Gardens, Saharanpur.
Dhannantari, " Babu Mahendra Nath Bhattacharjya, Bogra.
Dhanphua, " Amba Datt Joshi, Almora.
DICHROA FEBRIFUGA, " Forest Department, Buxa Division.
DICHROSTACHYS CINEREA, " " Madras, Cuddapa.
DICOMA TOMENTOSA, " J. A. Murray, Esq., Karachi.
Dikon jowan, " Government of India, Calcutta.
DILLENIA SPECIOSA (fruit), " " "
DIOSCOREA ALATA, " Forest Department, Lakhimpur District.
DIOSCOREA SP., " Conservator of Forests, Darjeeling.
DIOSPYROS EMBRYOPTERIS, " L. Liotard, Esq., Rev. and Agri. Department.
" " Superintendent, Botanical Gardens, Saharanpur.
" (bark), " Government of India, Calcutta.

DIOSPYROS EMBRYOPTERIS, (fruit) from Government of India, Calcutta.
DIOSPYROS LOTUS („) „ Forest Department, Punjab.
„ (leaves), „ „ „
„ (Melanoxylon), from Forest Department, Orissa.
DIPTEROCANTHUS DEJECTUS, from Dr. Mudin Sharif, Madras
DIPTEROCARPUS TURBINATUS, „ J. A. Murray, Esq., Karachi.
DOLICHOS BIFLORUS, „ Marpalli, Rajputana.
Doloo, from Babu Amba Datt Joshi, Almora.
DOREMA AMMONIACUM (bark), from Government of India, Calcutta.
DORONICUM SCORPIODES, „ J. A. Murray, Esq., Karachi.
DOVE'S EGGS, from Forest Department, South Coimbatore, Madras.
DRACOCEPHALUM, from Government of India, Calcutta.
„ ROYLEANUM (seeds), from Karachi.
DRACONTIUM POLYPHYLLUM, from Forest Department, Madras, Cuddapa.
„ „ „ „ „ Southern Circle.
DRIED BITS, from Superintendent, Government Farm, Cawnpore.
Drone, from Babu Mahendra Nath Bhattacharjya.
EAGNUS UMBELLATA, from Babu Amba Datt Joshi, Almora.
ECACUM TETRAGONUM (plant), from Forest Dept., Ranikhet.
ECHITES DICHOTOMA (root), „ Government of India, Calcutta.
ECLIPTA ALBA „ Babu Amba Datt Joshi, Almora.
ECLIPTA PROSTRATA (plant), „ J. A. Murray, Esq., Karachi.
EHRETIA ASPERA, from Superintendent, Botl. Gardens, Saharanpur.
Ekanqi, „ Government of India, Calcutta.
ELÆAGNUS UMBELLATA, from Forest Dept., Ranikhet, Chaubattia.
ELÆODENDRON ROXBURGHII, from Nepal, through Bahraich.
ELETTARIA CARDAMOMUM, from Government of India, Cawnpore.
„ „ „ „ Calcutta.
„ „ „ Dr. D. MacDonald, Bombay (six exhibits).
ELOPHIA VERA, from Government of India, Cawnpore.
EMBLICA OFFICINALIS, „ „ Calcutta.
„ „ „ Cawnpore.
EMBELIA RIBES, from J. A. Murray, Esq., Karachi.
„ (berries), from „ „
EMBLICA ROBUSTA, „ Collector of Pilibhit, N.-W. Provinces.
ERAGROSTIS CYNOSUROIDES (grass), from Forest Dept., Ranikhet.
ERANTHEMUS RASIMUS, from J. A. Murray, Esq., Karachi.
Eranda gach, from Babu Mahendra Nath Bhattacharjya, Bogra.
ERYTHRINA INDICA, from „ „
„ „ Forest Dept., Madras, Cuddapa.
„ „ Government of India, Calcutta.
„ (leaves), from „ „
„ „ „ Darjeeling.
ETHEREAL AMBROSIA, from Rajkristo Moetry, Calcutta.
EUGENIA JAMBOLANA, „ Government of India, Calcutta.
„ „ „ Babu M. N. Bhattacharjya, Bogra.
EUHYDRAHINGCH (?), „ Government of India, Calcutta.
EUPHORBIA LIGULARIA (leaves), from Government of India, Calcutta.
„ (root), „ „ „
„ (bark), „ „ „
EUPHORBIA NERIIFOLIA from J. A. Murray, Esq., Karachi.
EUPHORBIA THYMIFOLIA, „ „
EUPHORBIA TIRUCALLI (root), from Government of India, Calcutta.
„ (ash), „ „ „
EUPHORBIA SP., from Babu Amba Datt Joshi, Almora.
EVODIA FRAXINIFOLIA, from Forest Dept., Kalimpong, Tista District.
FAGONIA CRETICA (plant), from J. A. Murray, Esq., Karachi.
Faranj mishk, „ „ „
FENUGREEK, from Government of India, Cawnpore.

FERONIA ELEPHANTUM, from Government of India, Calcutta.
„ (leaves), from Government of India, Calcutta (two exhibits).
„ (fruit), „ J. A. Murray, Esq., Karachi.
FERRI SULPHAS, from Government of India, Calcutta.
FERULA NARTHEX „ „ Cawnpore.
„ from Government of India, Calcutta.
„ „ J. A. Murray, Esq., Karachi.
FERULA ALLIACEA (gum resin), from „ „
Feuni mansa, from Government of India, Calcutta.
FICUS BENGALENSIS, from „ „ (two exhibits).
„ (fruit), from Government of India, Calcutta (two exhibits).
FICUS CARICA, from Babu Amba Datt Joshi, Almora.
„ „ Government of India, Cawnpore.
„ „ „ Calcutta.
FICUS GLOMERATA (bark), from Government of India, Calcutta (two exhibits).
„ (root) „ „ „ „
FICUS INDICA (root), from Forest Dept., Central Provinces, Nagpur.
FICUS RELIGIOSA from Government of India, Cawnpore (two exhibits).
„ (leaves), from Supdt., Botl. Gardens, Saharanpur.
„ (bark), „ Government of India, Calcutta.
„ (leaves) „ „ „ (two exhibits).
„ (bark), „ Forest, Dept., Chaubattia, Ranikhet.
FICUS ROXBURGHII, from Government of India, Calcutta.
Fimila, from Babu Amba Datt Joshi, Almora.
Fimur, „ Nepal, through Bahraich.
„ (leaves), from Nepal, through Bahraich.
FLACOURTIA CATAPHRACTA, from Bahraich.
FLACOURTIA SAPIDA, „ „
„ from J. A. Murray, Esq., Karachi.
„ (seeds), from „ „
FŒNICULUM VULGARE, „ Government of India, Cawnpore.
„ „ „ Calcutta.
FRAXINUS FLORIBUNDA (stem), Forest Dept., Ranikhet.
FRAXINUS ORNUS (manna), from J. A. Murray, Esq., Karachi.
FUMARIA OFFICINALIS, „ „ „
FUMARIA PARVIFLORA (herb), „ „ „
„ from Supt., Botanical Gardens, Saharanpur.
„ „ Government of India, Calcutta.
„ „ „ Cawnpore.
Gajyala ka gans, „ Babu Amba Datt Joshi, Almora.
GALL NUTS, from Government of India, Cawnpore.
GANDARYAN, „ Babu Amba Datt Joshi, Almora.
Ganiari, „ Babu Mahendra Nath Bhattacharjya, Bogra.
GARCINIA MORELLA, from Nepal, through Baharaich.
„ „ Forest Dept., Madras, South Canara.
„ „ Government of India, Cawnpore.
GARCINIA PURPUREA, „ J. A. Murray, Esq., Karachi.
„ (seeds and oil), from J. A. Murray, Esq., Karachi.
„ (fruit), „ „ „
GARCINIA SP., from Government of India, Calcutta.
GARDENIA GUMNIFERA, from J. A. Murray, Esq., Karachi (two exhibits)
„ (resin), from J. A. Murray, Esq., Karachi.
Garh mehal, from Babu Amba Datt Joshi, Almora.
Gau zaban, „ Government of India, Benares.
Gete shaora chhal, from „ Calcutta.
GENTIANA KURROO, from Nepal, through Bahraich.
„ „ Government of India, Calcutta.
„ „ Superintendent, Botanical Gardens, Saharanpur.
„ „ Collector of Pilibhit, N.-W. Provinces.

GENTIANA SP., from J. A. Murray, Esq., Karachi.
Getela, from Government of India, Calcutta.
Gewar (seed), from Marpalli, Rajputana.
Ghambari, from Babu Mahendra Nath Bhattacharjya, Bogra.
Ghinia, from Forest Department, Kumaun.
Ghomni, from Nepal, through Bahraich.
Ghonshar phul, from Nepal, through Bahraich.
Ghosha lata, from Babu Mahendra Nath Bhattacharjya, Bogra.
Ghar bach, from Government of India, Calcutta.
Ghornim (*chhal*), from " "
Gosha phal, " " "
Ghrita kancha (leaves), from Babu Mahendra Nath Bhattacharjya.
Ghunyoli, from Babu Amba Datt Joshi, Almora.
Gila, from Government of India, Calcutta.
GLINUS LOTOIDES (flowering plants), from J. A. Murray, Esq., Karachi.
GLYCINE DEBILIS, from Government of India, Calcutta.
GLYCYRRHIZA GLABRA, from Government of India, Calcutta.
" " Collector of Pilibhit, N.-W. Provinces.
" (root), from J. A. Murray, Esq., Karachi.
" (extract), " " "
" from Government of India, Cawnpore (two exhibits).
GMELINA ARBOREA (leaves), from Superintendent, Botanical Gardens, Saharanpur.
" (bark), " "
" from Forest Department, Central Provinces.
GMELIA ASIATICA, " " Madras, Cudappa District.
Gobaria plant, from Babu Amba Datt Joshi, Almora.
Gobra pata, from Government of India, Calcutta.
Gojina, from J. A. Murray, Esq., Karachi.
Gokhru, from Government of India, Cawnpore.
Gol bonafsha, from Government of India, Calcutta.
GOLD LEAF, from Cawnpore.
Gond jhingan, from Government of India, Cawnpore.
Gondavhadali (Pœderia fœtida), from Government of India, Calcutta.
Gorakha gukula, from Babu Mahendra Nath Bhattacharjya, Bogra.
GONORRHŒA SYRUP, from Narain Chund Dutt & Co., Calcutta.
Goro chona, from Government of India, Calcutta.
Gos mahudi, " Forest Department, Lukhimpur Division.
GREWIA ASIATICA, from Government of India, Calcutta.
" " Superintendent, Botanical Gardens, Sahranpur.
GRISLEA TOMENTOSA, from Government of India, Calcutta.
" (flower and buds), from J. A. Murray, Esq., Karachi.
Grue, from Government of India, Cawnpore.
Gua, " Babu Mahendra Nath Bhattacharjya, Bogra.
Gualelata shikar, from Government of India, Calcutta.
GUILANDINA BONDUC, " " "
GUM, " " Cawnpore.
Gundi (fruit), from Marpalli, Rajputana.
GYNANDROPSIS PENTAPHYLLA, from Botanical Gardens, Saharanpur.
" " J. A. Murray, Esq., Karachi.
GYNOCARDIA ODORATA, from Government of India, Calcutta.
Gwal from Babu Amba Datt Joshi, Almora.
Haldunia, from " "
Halela, from Government of India, Cawnpore.
HARBA LOBELIA NICOTI ANAFOLIA, from J. A Murray, Esq., Karachi.
Harhjojar, from Babu Amba Datt Joshi, Almora.
Harjorak, from Government of India, Calcutta.
Har khurd mall, from Collector of Pilibhit.
Har sunt, from Government of India, Cawnpore.
Hati khurna kachu, from Local Committee, Chittagong.

Hati pitch, from Babu Amba Datt Joshi, Almora.
Hatti kand, from Forest Department, Central Provinces, Nagpur.
HEBOTROPIUM CREVIFOLIUM (plant), from Forest Department, Ranikhet.
HEBRADENDRON CAMBGOIDES (gum resin), from J. A. Murray, Esq.
HEDYCHIUM SPICATUM, from Government of India, Calcutta.
" " " Cawnpore.
" " " Superintendent, Botanical Gardens, Saharanpur
" " Collector of Pilibhit, N.-W. Provinces.
" " J. A. Murray, Esq., Karachi.
" (China), from " "
" (root), " " "
" from Babu Amba Datt Joshi, Almora.
HEDYOTIS UMBELLATA (root), from Forest Department, Madras, Nellore.
HELICTERES ISORA, from Government of India, Calcutta.
" " Superintendent, Botanical Gardens, Saharanpur.
" (seed), from Forest Department, Hoshangabad.
" (bark), " " "
" (follicles), from J. A. Murray, Esq., Karachi.
HEMIDESMUS INDICUS, from Government of India, Calcutta.
" " Forest Dept., Madras, Cudappa.
" " " " Nellore.
" " " " South Coimbatore.
" " " " South Arcot.
" (root), from Babu Mahendra Nath Bhattacharjya.
" (root), from J. A. Murray, Esq., Karachi.
" from District Committee, Puri.
HERMODACTYLUS, from Government of India, Cawnpore.
HERPESTIS MONNIERIA, from Superintendent, Botanical Gardens, Saharanpur.
" (leaves), from Forest Department, Ranikhet.
HIBISCUS ABELMOSCHUS, from Dr. Mudin, Sharif, Madras.
HIBISCUS CANNABINUS, " L. Liotard, Esq.
" (seed), from Mahendra Nath Bhattacharjya.
" ("), " Government of India, Cawnpore.
HIBISCUS ESCULENTUS, (fruit), " " Calcutta.
" from Marpalli, Rajputana.
" " Dr. Mudin Sharif, Madras.
HIBISCUS ROSA-SINENSIS (leaves), from Govt. of India, Calcutta.
" (flower), from Supdt., Botl. Gardens, Saharanpur.
HIBISCUS TILIACEUS, from Baboo Mahendra Nath Bhattacharjya, Bogra.
Hijal pata, " " " "
Hilika (bark), from Forest Department, Lakhimpur.
Hinghul (unidentified), from Government of India, Calcutta.
HIPTAGE MADABLOTA, " Forest Dept., Ranikhet, Chaubattia.
HOLARRHENA ANTIDYSENTERICA, from Forest Dept., Madras, Cuddapa.
" " Supdt., Botl. Gdns., Saharanpur.
HONEY, from Forest Dept., Madras, Nilgiris.
" " Local Committee, Chittagong.
HORDEUM VULGARE, from Government of India, Cawnpore.
HOYA VIRIDIFLORA, from J. A. Murray, Esq., Karachi.
HYDNOCARPUS INEBRIANS, from Forest Dept., South Canara.
" " J. A. Murray, Esq., Karachi.
HYDROCOTYLE ASIATICA, " Government of India, Calcutta.
" (whole plant), from Botl. Gardns., Saharanpur.
HYDUSCARPUS ODORATA, (oil) from J. A. Murray, Esq., Karachi.
HYMENODICTYON EXCELSUS, " " "
HYOSCYAMUS NIGER, (leaves), from Botl., Gardens, Saharanpur.
" (seed), " " "
" (from Government of India, Calcutta.
" (seed), from J. A. Murray, Esq., Karachi.

ICHNOCARPUS FRUTESCENS, from Government of India, Calcutta.
" " " Babu M. N. Bhattacharjya.
" " " Babu Amba Datt Joshi, Almora.
Ifta mul, from Government of India, Benares.
ILLICIUM ANISATUM, from J. A. Murray, Esq., Karachi.
IMPERATA CYLINDRICUS, from Government of India, Calcutta.
INDIGOFERA TINCTORIA, " " "
" " J. A. Murray, Esq., Karachi.
IPOMŒA GANGETICA, " Government of India, Calcutta.
IPOMŒA MURICATA, " J. A. Murray, Esq., Karachi.
IPOMŒA RECTANS, " " "
IPOMŒA TURPETHUM, " Government of India, Calcutta.
" (root), from " Cawnpore.
" (root), " J. A. Murray, Esq., Karachi.
IRIS FIORENTINA, (root), " " "
IRIS GERMANICA, " " "
Isali gaddalu, from Forest Dept., North Arcot, Madras.
Ish band, " Government of India, Calcutta.
ISONANDRA ODORATA, from Forest Dept., Tenasserim Circle.
JABORHIZA COLUMBA (root), from J. A. Murray, Esq., Karachi.
Jait, from Government of India, Cawnpore.
Jamar (bark), from Forest Department, Lakhimpur.
JAMBOSA VULGARIS, from J. A. Murray, Esq., Karachi.
Jarad (twigs and leaves), from Forest Department, Lakhimpur.
Jarankus, from Government of India, Cawnpore.
Jart kushni, " " "
Jart munga, " " "
JASMINUM HIRUSTUM, from Government of India, Calcutta.
JATROPHA CURCAS, from Forest Department, Lakhimpur.
" " " Madras.
" " " South Canara, Madras.
" " " Malabar, Madras.
" (fruit), from Government of India, Calcutta.
" (bark), " " "
Janelia, from Babu Amba Datt Joshi, Almora.
Jhapitepari (flower), from Government of India, Calcutta.
Jhingaru, from J. A. Murray, Esq., Karachi.
Jhonga, " Government of India, Cawnpore.
Jufa " " Benares.
JUGLANS REGIA, from " Calcutta.
" " J. A. Murray, Esq., Karachi.
" (bark), from " "
Jungli morich, from Government of India, Calcutta.
Jungli tulsi " " Cawnpore.
JUNIPERUS COMMUNIS, from Nepal, through Bahraich.
" " J. A. Murray, Esq., Karachi.
JUNIPERUS RECURVA, " Collector of Pilibhit, N.-W. Provinces.
Jurud Shenko, (arsenic), " Government of India, Calcutta.
JUSTICIA ADHATODA, " J. A. Murray, Esq., Karachi.
JUSTICIA NASUTA, (leaves), from Supdt., Botl. Gardens, Saharanpur.
Kachni phal, from Government of India, Calcutta.
Kachur, " Collector of Pilibhit, N.-W. Provinces.
Kai phal, " " "
Kala hisalu, " Babu Amba Datt Joshi, Almora.
Kala khatmi " Government of India, Calcutta.
Kali musali, " " Cawnpore.
Kalma kachu " Local Committee, Chittagong.
Katira gond, " " Alwar.
Kamalgatta, " " "

Kamet, from Babu Amba Datt Joshi, Almora.
KÆMPFERIA ROTUNDA, from Government of India, Calcutta.
" (root), from " "
Kanak dhutura gach, from Babu Mahendra Nath Bhattacharjya.
Kanda gum, from Forest Department, Kumaun Division.
Kand, " Government of India, Cawnpore.
Kankla, " " Calcutta.
Kantutryan, " J. A. Murray, Esq., Karachi.
Kasni, " Government of India, Cawnpore.
Kat chhal, " " Calcutta.
Kathariya " Babu Amba Datt Joshi, Almora.
Kat mallika (root), from Government of India, Calcutta.
Kaurang jowan, " " "
Kamraj, from Nepal, through Bahraich.
Keora water " Government of India, Cawnpore.
Kerr, " Marpalli, Rajputana.
Keshraj, " Babu Mahendra Nath Bhattacharjya, Bogra.
Khaira, " Government of India, Cawnpore.
Khaksir, " " "
Khapalaway, " Babu Amba Datt Joshi, Almora.
Khapariya, from Government of India, Cawnpore.
Kharhak, " Babu Amba Datt Joshi, Almora.
Khera (gum), " Kotah, Rajputana.
Khet kariuwa, " " "
Khub kalan, " Alwar, Rajputana.
" " Government of India, Calcutta.
Khude noni, " " "
Khul khara, " Babu Mohendranath Bhattacharjya, Bogra.
Khurfa (seeds), " Government of India, Cawnpore.
Kimunch, " " "
KINO MALBAR, " J. A. Murray, Esq., Karachi.
Kiphal, " " "
Kochura, " Government of India, Calcutta.
Kodala gach, " " "
Kothiura, " Babu Amba Datt Joshi, Almora.
Kowpati moni, " Forest Department, Lakhimpur Division.
Krishno pan, " " Orissa.
Kristo teuri lata, from Babu Mohendranath Bhattachariya, Bogra.
Kui gach, " Government of India, Calcutta.
Kukraundpa, " " Cawnpore.
Kula kara, " " Calcutta.
Kulkul grass, " " Cawnpore.
Kumat, " Marpalli, Rajputana.
Kumaun momira, " Babu Amba Datt Joshi, Almora.
Kumur grass, from Government of India, Cawnpore.
Kunda, " " "
Kura, " Babu Amba Datt Joshi, Almora.
Kurumelanga, " Forest Department, South Coimbatore.
Kutta, " Government of India, Cawnpore.
Kweyuse (leaves), from Forest Department, Pegu Circle, Rangoon.
" (root), " " "
LAC OF PIPUL TREE, from Government of India, Cawnpore.
LAC, from Collector of Pilbhit.
LACTUCA SARMENTUSA (butter), from J. A. Murray, Esq., Karachi.
LACTUCA SATIVA, (seed), " " "
LACTUCA SCARIOLA, from Government of India, Calcutta.
LAGENARIA VULGARIS (seed), from Government of India, Cawnpur.
" (seed), " Botanical Gardens, Saharanpur.
" " Government of India.

LAGENARIA VULGARIS, from J. A. Murray, Esq., Karachi,
Lajjabat-latta, from Government of India, Calcutta.
Lakiduna „ Forest Department, Lakhimpur Division.
Laku bijesar, „ Collector of Pilibhit.
Lal bahman, „ J. A. Murray, Esq., Karachi.
Lal panja bij, „ Babu Mahendra Nath Bhattacharjya, Bogra.
LANONIA ACIDISSIMA, from Forest Department, Madras.
Lata kashtura, from Government of India, Calcutta.
LAWSONIA ALBA, „
„ (leaves), from „ „
„ (flower), „ „ „
„ (bark), „ „ „
„ (seed), „ „ „
LEEA CRISPA, from Government of India, Calcutta.
LEONTODON TARAXACUM (extract), from J. A. Murray, Esq., Karachi.
LEPIDIUM ICHIRES (seed), „ „ „ (*two exhibits*).
LEPIDIUM SATIVUM, from Government of India, Calcutta (two exhibits).
„ (seed), from Botanical Gardens, Saharanpur.
„ (seed), „ J. A. Murray, Esq., Karachi.
LEUCAS ASPERA, from Government of India, Calcutta.
LIMONIA PENTAPHYLLA, from „ „
LINUM USITATISSIMUM, „ „ „
„ (seed), from J. A. Murray, Esq., Karachi.
LIQUORICE, „ „ „
LIQUORICE OFFICINALIS (extract) „ „ „
LODOICEA SECHELLARUM (fruit) „ „ „
Loha chur (iron), from Government of India, Cawnpore.
LUFFA ACUTANGULA (seed), from Government of India, Calcutta.
„ (root), „ „ „
LUFFA ÆGYPTIACA (seed), „ Marpalli, Rajputana.
„ (bitter) „ Government of India, Calcutta.
LUFFA ECHINATA, „ J. A. Murray, Esq., Karachi.
Madhabilata, from Government of India, Calcutta.
Makat, „ Forest Department, Lakhimpur Division.
Makhana, „ Government of India, Cawnpore.
Makhia, „ „ „
MALARIA MIXTURE, from Rajkrista Maitro, Calcutta (two exhibits).
MALILOTUS HAMATUS, from J. A. Murray, Esq., Karachi.
MALLOTUS *PHILIPPENSIS*, from Government of India, Calcutta.
„ „ Superintendent, Botanical Gardens, Saharanpur.
„ „ Collector of Pilibhit.
MALVA SILVESTRIS, „ J. A. Murray, Esq., Karachi (*two exhibits*).
MANGIFERA INDICA, „ Government of India, Calcutta.
„ „ „ Cawnpore.
„ (dried fruit), from Government of India, Calcutta.
„ (seed), „ „ „
„ (kernel), „ J. A. Murray, Esq., Karachi.
„ from Government of India, Cawnpore.
MARANTA ARUNDINACEA, from Government of India, Calcutta.
MANGOSTINA, from J. A. Murray, Esq., Karachi.
MARISCUS CYPERUS, from Government of India, Calcutta.
„ „ Collector of Pilibhit.
„ „ Babu Mahendra Nath Bhattacharjya.
„ „ Babu Amba Datt Joshi.
„ „ Marpalli, Rajputana.
MARSDENIA SCAPIFOLIA (root), from J. A. Murray, Esq., Karachi.
MARTYNIA DIANDRA, „ „
MATRICARIA CHAMOMILLA (plant), from Botanical Gardens, Saharanpur.
MELIA AZADIRACHTA (leaves), from Forest Department, Ranikhet Division.

MELIA AZADIRACHTA (bark), from Babu M. N. Bhattacharjya.
„ (leaves), „ „ Amba Datt Joshi, Almora.
„ „ „ „ „ „
„ (seed), „ „ „ „ (*two exhibits*).
„ (leaves), „ „ „ „
MELIA AZEDARACH (bark), „ „ Government of India, Calcutta (two exhibits).
MELIA INDICA, from Forest Department, Northern Circle, Madras, Cudappa.
„ (leaves), from Superintendent, Botanical Gardens, Saharanpur.
„ (flower), „ „ „ „
MELILOTUS PARVIFLORA (seed), from J. A. Murray, Esq., Karachi.
MENTHA SATIVA (dried plant); „ „ „ „
„ „ Government of India, Cawnpore.
MENTHA VERIDIS, from Forest Department, Ranikhet Division, Chaubattia.
MESUA FERREA (dry flower-bud), from J. A. Murray, Esq., Karachi.
„ from Babu Mahendra Nath Bhattacharjya.
MICHELIA CHAMPACA (bark), from Government of India, Calcutta (*two exhibits*).
„ (flower), „ „ „
„ (root), „ „ „
„ (bark), „ „ „
Milalenca minor (oil, *cajiputti*), from J. A. Murray, Esq., Karachi.
MIMOSA RUBICAULIS, from Forest Department, Ranikhet, Chaubattia.
MIMUSOPS ELENGI (bark), from Government of India, Calcutta.
„ („), „ Botanical Gardens, Saharanpur.
MIRABILIS JALAPA (root and leaves), from Forest Department, Ranikhet.
„ (root), from Babu Amba Datt Joshi, Almora.
„ „ J. A. Murray, Esq., Karachi.
„ „ Forest Department, Lakhimpur Division.
„ (leaves), „ Babu Amba Datt Joshi, Almora.
Mismitita, „ Government of India, Calcutta.
Misri, „ „ „
Mochaphul, „ „ „
MOMALU, „ Local Committee, Chittagong.
MOMORDICA CHARANTIA (seed), from Marpalli, Rajputana.
„ from Superintendent, Botanical Gardens, Saharanpur.
MOMORDICA DIOICA, „ J. A. Murray, Esq., Karachi.
Monnokka, „ Government of India, Calcutta.
MORINDA TINCTORIA, „ L. Liotard, Esq., Revenue and Agricultural Department.
MORINGA PTERYGOSPERMA (bark), from *Government of India, Calcutta.*
„ (seed), „ „ „
„ from Forest Department, South Arcot, Madras.
„ (fruit), from „ „
„ (bark), „ „ „
„ (root), „ „ „
„ (bark), „ Babu Mohendra Nath Bhattacharjya.
„ (gum), „ J. A. Murray, Esq., Karachi.
MORUS ALBA (bark), from Government of India, Calcutta.
„ (leaves), „ „ „
MORUS INDICA (*root*), from J. A. Murray, Esq., Karachi.
Muboi, from *Collector of Pilibhit.*
MUCUNA PRURIENS, from Government of India, Calcutta.
„ (root), from „ „
„ (seed), „ Botanical Gardens, Saharanpur.
„ (pod), „ J. A. Murray, Esq., Karachi.
Muklai sond, from J. A. Murray, Esq., Karachi.
Muktobarsi pata, from Government of India, Calcutta.
MULBERRY LEAVES, from Manager, A. N. Ray's Estate, Barhampur.
Mullika pata (Jasminum sp.), from Government of India, Calcutta.

urida, from Government of India, Cawnpore.
urdi phul, „ „ Benares.
urba (root), from Babu Mohendra Nath Bhattacharjya, Bogra.
URRAYA KONIGII, from Government of India, Cawnpore.
„ „ Forest Department, Ranikhet, Chaubattia.
USUA FERREA, from Government of India, Calcutta.
YRICA SAPIDA, „ Forest Department, Kumaun Division, Kumaun.
„ (bark), from Forest Department, Bahraich Division.
„ (fruit), „ Superintendent, Botanical Gardens, Saharanpur.
„ (bark), „ „ „ „
„ (bark), „ Forest Department, Ranikhet, Chaubattia.
„ from J. A. Murray, Esq., Karachi.
„ (bark), from J. A. Murray, Esq., Karachi.
[YRISTICA FRAGRANS (oil), from „ „
„ (maize), „ „ „
„ (fruit), „ „ „
MYRISTICA MALABARICA, „ „ „ (two exhibits).
MYRISTICA MOSCHATA, from Government of India, Calcutta (two exhibits).
„ (seed), from Babu Mohendra Nath Bhattacharjya.
„ (jaiphal), from Government of India, Cawnpore.
„ (jaitri), „ „ „
MYRSINE AFRICANA, from Government of India, Calcutta.
„ „ Forest Department, Ranikhet, Chaubattia.
MYRTUS COMMUNIS (berries), from J. A. Murray, Esq., Karachi.
Naga tenga, from Forest Department, Sibsagar Division.
Nagali, from L. Liotard, Esq., Revenue and Agricultural Department, Calcutta.
Naluka, from Government of India, Calcutta.
NARDOSTACHYS JATAMANSI, from Government of India, Calcutta.
„ (root), from „ „
„ from Forest Department, Bahraich.
„ (root), from Botanical Gardens, Saharanpur.
„ from Collector of Pilibhit.
„ (root), from J. A. Murray, Esq., Karachi.
„ from Government of India, Cawnpore (two exhibits).
Narkachur, „ „ „
NARIGAMA ALATA, „ J. A. Murray, Esq., Karachi.
NARTHEX ASSAFŒTIDA (gum), from „ „
NAUCLEA CADAMBA (bark), „ Government of India, Calcutta.
NAUCLEA CORDIFOLIA (leaves), „ Forest Department, Lakhimpur.
NELUMBIUM SPECIOSUM, „ „ „ (two exhibits)
„ (plant), from Forest Department, Lakhimpur.
„ (seed), „ Botl. Gardens, Saharanpur.
„ (plant), „ „ „
„ (root), „ J. A. Murray, Esq., Karachi.
„ (seed), „ „ „
„ (flower), „ „ „
„ (flower), „ Government of India, Cawnpore.
NEPETA CILIARIS (dried plant), from J. A. Murray, Esq., Karachi.
NERIUM ODORUM (root), from Government of India, Calcutta (two exhibits).
„ from Babu Mahendra Nath Bhattacharjya.
„ „ J. A. Murray, Esq., Karachi.
NICOTIANA RUSTICA, from Government of India, Calcutta.
„ „ Exhibition Committee, Ahmadnagar.
„ (seed), from Marpalli, Rajputana.
„ from Government of India, Cawnpore.
NIGELLA SATIVA, from J. A. Murray, Esq., Karachi.
Niljhanti gach, from Babu Mahendra Nath Bhattacharjya.
Nil kutta, from Government of India, Cawnpore.
Nilkanta creeper, from Forest Department, Goalpara Division.

Nirbisi ghash, from Government of India, Calcutta.
Nisoti, from Government of India, Calcutta.
Nore pata, from Collector of Pilibhit.
NUTS (fresh), from Babu Mahendra Nath Bhattacharjya, Bogra.
NYCTANTHES ARBOR-TRISTIS (bark), from Government of India, Calcutta.
„ (leaves), „ „ „ „
„ from Government of India, Cawnpore.
„ „ Babu M. N. Bhattacharjya.
NYMPHÆA LOTUS, from Government of India, Calcutta (three exhibits).
„ (flower and stem), from Botl. Gardens, Saharanpur.
NYMPHÆA PUPESCENS, from J. A. Murray, Esq., Karachi.
OCHNA SQUAMOSA, from Government of India, Calcutta.
OCHRES, from Forest Department, *Orissa Division*, Orissa.
OCIMUM BASILICUM (leaves), from Government of India, Calcutta.
OCIMUM GRATISSIMUM, from J. A. Murray, Esq., Karachi.
ODINA WODIER, „ „
„ (gum), from Botanical Gardens, Saharanpur.
„ from J. A. Murray, Esq., Karachi.
OLDENLANDIA BIFLORA, from Government of India, Calcutta.
OLEA CUSPIDATA (*leaves*), from J. A. Murray, Esq., Karachi.
OIL MENTH. PIP. (crystal) (China), from J. A. Murray, Esq., Karachi.
OLEUM DHATURA ALBA, „ „ „
ONOSMA BRACTEATUM, „ „ „ (*two exhibits*).
ONOSMA ECHIOIDES, from Government of India, Cawnpore (two exhibits).
„ „ „ Calcutta.
„ (leaves), from „ Benares.
„ from Supt., Botanical Gardens, Saharanpur.
OPAQUE EDELLIUM, from Dr. W. Dymock, Bombay.
OPHELIA CHIRATA, „ Babu Amba Datt Joshi, Almora.
„ „ Government of India, Cawnpore.
„ „ „ Calcutta.
„ „ Forest Department, Bahraich Division.
„ „ Collector of Pilibhit.
„ „ J. A. Murray, Esq., Karachi.
OPOPANAX CHIRONIUM (gum), from J. A. Murray, Esq., Karachi.
ORCHIS MASCULA, from Government of India, Calcutta.
ORIGANUM MARJORANA (herb), from J. A. Murray, Esq., Karachi.
„ (oil), „ „ „
ORIGANUM SP.? „ „ „
Orikutti, from Conservator of Forests, South Coimbatore.
OROXYLUM INDICUM, from Supdt., Botanical Gardens, Saharanpur.
„ „ Government of India, Calcutta.
Oue ghas, from Government of India, Benares.
OXALIS CORNICULATA, from J. A. Murray, Esq., Karachi.
Osdhan, from J. A. Murray, Esq., Karachi.
Osta woon, from Forest Department, Orissa Division.
PANDANUS ODORATISSIMUS, from Government of India, Alwar.
„ „ Forest Dept., Lakhimpur Division.
„ (oil), from Babu Amba Datt Joshi.
Pangnang, from Government of India, Darjeeling.
PAPAVER SOMNIFERUM, from Government of India (three exhibits).
„ „ Rajputana.
„ (seed), from Botanical Gardens, Saharanpur.
„ (capsules), from „ „
„ (seed), from J. A. Murray, Esq., Karachi.
„ (capsules), from „ „
„ from Government of India, Cawnpore.
„ „ Marpalli, Rajputana.
PARITUM TILIACEUM „ Government of India, Calcutta.

PARMELIA PERLAPA, from J. A. Murray, Esq., Karachi.
Patha lata, „ Babu Mahendra Nath Bhattacharjya.
Pathar kuchi, „ „ „ (two exhibits).
PEDALIUM MUREX, from Government of India, Calcutta (two exhibits).
PEGANUM HARMALA, from J. A. Murray Esq., Karachi.
„ (seed), from „ „
PEROREHIZA KURROO, from J. A. Murray, Esq., Karachi.
PENÆA MUCRONATA (gum), from „ „
PEPROSIA PURPUREA, from Government of India, Calcutta (two exhibits).
PERMILA CAPERATA, from J. A. Murray, Esq., Karachi.
PERSIAN FALSE MIRCH, from Dr. W. Dymock, Bombay.
PERSIAN LIQUORICE, from J. A. Murray, Esq., Karachi.
PESTANA CABULICA (gum), from Babu Amba Datt Joshi, Almora.
PHARBITIS NIL, from Government of India, Calcutta.
„ (seed), from Babu Mahendra Nath Bhattacharjya.
„ („), „ J. A. Murray. Esq., Karachi.
„ from Government of India, Cawnpore.
PHASEOLUS ACONITIFOLIUS, from Government of India, Cawnpore.
PHASEOLUS TRILOBUS, „ „ Calcutta.
PHŒNIX DACTYLIFERA, „ „ Cawnpore.
PHŒNIX SYLVESTRIS, „ „ Calcutta.
Phul mach kam, „ „ Cawnpore.
Phulsai, from Collector of Pilibhit.
Phul ullat, „ „
PHYLLANTHUS EMBLICA (leaves), from Collector of Pilibhit.
„ („), „ Botl. Gardens, Saharanpur.
„ (fruits), „ „ „
„ („), „ Mahendra Nath Bhattacharjya.
„ from J. A. Murray, Esq., Karachi.
„ „ Government of India, Cawnpore.
PHYLLANTHUS NIRURI, „ J. A. Murray, Esq., Karachi.
PHYSALIS FLEXUOSA (root), from „ „
„ (fruits), „ „ „
PICRORHIZA KURROA, from Government of India, Calcutta.
PICRÆNA EXCELSA, from Babu Amba Datt Joshi, Almora.
PILBALA, from Government of India, Calcutta.
PIMPINELLA ANISUM (fruit), from Babu Amba Datt Joshi, Almora.
PINNATE OFFICINALIS (fruit), „ „ „
PINUS GERARDIANA (nut), „ „ „
„ from Government of India, Cawnpore.
PINUS LONGIFOLIA, „ „ Calcutta.
„ (gum), from Babu Amba Datt Joshi, Almora.
„ from Forest Department, Bahraich Division.
PIPALA, from Forest Department, Kumaun Division.
PIPER ALBUM (white), from Government of India, Calcutta.
PIPER CHABA, „ „ Cawnpore (two exhibits).
PIPER LONGUM, „ „ „
„ from Forest Department, Bahraich Division.
PIPER NIGRUM, „ Government of India, Calcutta.
„ (fruit), from Babu Amba Datt Joshi, Almora.
PIPER SP. (fruit), from Supdt., Govt. Botl. Gardens, Saharanpur.
PIPER SYLVATICUM, from Collector of Pilibhit.
PIPULAY (white), from Forest Department, Orissa Division.
PISONIA ACULEATA (root), from Government of India Calcutta (two exhibits).
PISTACIA INTEGERRIMA, „ „ „
„ „ Forest Dept., Bahraich Division.
„ „ Collector of Pilibhit.
„ „ J. A. Murray, Esq., Karachi.
„ „ Government of India, Cawnpore.

PISTACIA INTEGERRIMA, from Babu Amba Datt Joshi, Almora.
PISTACIA LENTISCUS, „ Government of India, Calcutta.
„ „ „ Cawnpore.
PISTACIA VERA, „ „ Calcutta.
„ „ „ Cawnpore.
PISTIA STRATIOTES, „ „ „
PLAMERURA ACUTIFOLIA (bark), from Botl. Gardens, Saharanpur.
PLANTAGO ISPAGHULA, from Government of India, Calcutta.
„ „ „ Cawnpore.
„ „ J. A. Murray, Esq., Karachi.
„ (seed), from Babu Amba Datt Joshi, Almora.
PLANTAGO MAJOR, from Forest Department, Ranikhet, Chaubattia.
PLUMBAGO ROSEA, from Government of India, Calcutta.
PLUMBAGO ZEYLANICA, from „ „
„ „ Forest Dept., Cuddapa Division, Madras.
„ „ „ Madras, North Arcot.
„ „ J. A. Murray, Esq., Karachi.
PLUMBI OXIDUM, from Government of India, Calcutta.
Pluri (gum), from J. A. Murray, Esq., Karachi.
Pobbar mund, „ Collector of Pilibhit.
POGOSTEMON PATCHOULY, „ Government of India, Calcutta.
POINCIANA PULCHERRIMA, „ Forest Dept. Lakhimpur Division.
POLANISIA ICOSANDRA, „ Government of India, Calcutta.
POLYGONUM AVICULARE, „ Babu Amba Datt Joshi, Almora.
POLYGONUM BISTORTA, „ J. A. Murray, Esq., Karachi.
POLYPODIUM VULGARE (root), from Babu Amba Datt Joshi, Almora.
PONGAMIA GLABRA (seed), from Forest Department, Orissa Division.
„ from Government of India, Calcutta.
POPULUS CILIATA, from Forest Department, Ranikhet, Chaubattia.
„ „ Babu Amba Datt Joshi, Almora (two exhibits).
PORTULACA OLERACEA, from Forest Dept., Ranikhet Division.
Potani kurnea, „ „ Lakhimpur Division.
POTASSI SILICATE, from Government of India, Calcutta.
PRANGOS PABULARIA, from J. A. Murray, Esq., Karachi.
„ (seed), from Babu Datt Joshi, Almora.
PREMNA INTEGRIFOLIA, from Forest Dept., Ranikhet, Chaubattia.
Priangu, from Government of India, Calcutta.
Primula, „ Forest Department, Ranikhet, Chaubattia.
PRINCE POWDER, from Narayan Chand Dat a & Co., Calcutta.
PRUNELLA VULGARIS, from Babu Amba Datt Joshi, Almora.
PRUNUS AMYGDALUS, „ Government of India, Cawnpore.
PRUNUS ARMENIACA, „ „ Calcutta.
„ (fruits), from Supdt., Botl. Gardens, Saharanpur.
PRUNUS CERASUS, from J. A. Murray, Esq., Karachi.
„ (seed), from Babu Amba Datt Joshi, Almora.
PRUNUS COMMUNIS, from Government of India, Calcutta.
„ „ „ Cawnpore.
PRUNUS MAHALEB, from J. A. Murray, Esq., Karachi.
PSIDIUM GUYAVA (bark,) from Government of India, Calcutta.
„ (leaves), „ „ „
„ (root), „ „ „
PSORALEA CORYLIFOLIA, „ „ Cawnpore.
„ „ „ Calcutta.
PTEROCARPUS DRACO (resin),, Babu Amba Datt Joshi, Almora.
PTEROCARPUS MARSUPIUM, „ J. A. Murray, Esq., Karachi.
PTEROCARPUS SANTALINUS, „ Government of India, Calcutta.
PTYCHOTIS AJOWAN, from Babu Amba Datt Joshi, Almora (two exhibits).
PTYCHOTIS AJOWAN, from J. A. Murray, Esq., Karachi.
PUCEDANUM GRAVEOLENS, from „ „

PUCEDANUM GRAVEOLENS (seed), from Government of India, Cawnpore.
" from Babu Mahendra Nath Bhattacharjya.
PUERARIA TUBEROSA, from Collector of Pilibhit,
" " Government of India, Cawnpore.
Pulam CREEPER, from Forest Department, South Coimbatore, Madras.
PUNICA GRANATUM, from Babu Amba Datt Joshi, Almora.
" " Government of India, Calcutta.
" " " Cawnpore.
" " Collector of Pilibhit.
" (leaves), from Superintendent, Botanical Gardens, Saharanpur.
" (bark), from Babu Mahendra Nath Bhattacharjya.
" from Government of India, Cawnpore (two exhibits).
" " Marpalli, Rajputana.
" (fruit), from Babu Amba Datt Joshi, Almora.
PUONIS OFFICINALIS, from J. A. Murray, Esq., Karachi.
Purninin lota, from Babu Mahendra Nath Bhattacharjya, Bogra.
PYRETHRUM INDICUM, from Government of India, Calcutta.
" (leaves), from Botanical Gardens, Saharanpur.
" from Government of India, Cawnpore.
" (root), from Babu Amba Datt Joshi, Almora.
PYRUS CYDONIA, from Forest Department, Ranikhet, Chaubattia.
QUAIL'S EGG, from Forest Department, South Coimbatore, Madras.
QUATEORHIZA CALAMBA, from J. A. Murray, Esq., Karachi.
QUERCUS CALLOTA " " "
QUERCUS INCANA, from Superintendent, Botanical Gardens, Saharanpur.
" " Forest Department, Ranikhet Division, Chaubattia.
QUERCUS INFECTORIA, from J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Calcutta.
QUICKSILVER " " Cawnpore.
Raipan, from Babu Amba Datt Joshi, Almora.
Rakta baksha gach, from Babu Mahendranath Bhattacharjya.
Ral, from Babu Amba Datt Joshi, Almora.
RANDIA DUMETORUM, from Government of India, Calcutta.
" (fruits), from Superintendent, Botanical Gardens, Saharanpur.
" from J. A. Murray, Esq., Karachi.
" (root), from " "
" from Babu Amba Datt Joshi, Almora (two exhibits).
RAPHANUS SATIVUS (pods), from Secretary, Punjab Committee, Lahore.
" (seed), " J. A. Murray, Esq., Karachi (two exhibits).
" from Marpalli, Rajputana.
Rasa, from Government of India, Calcutta.
" (plant), from Babu Mahendra Nath Bhattacharjya, Bogra.
Ratpatia, from Babu Amba Datt Joshi, Almora.
REHIZAPA SP., from Forest Department, S. C., South Arcot, Madras.
Resha khatuni, " Babu Amba Datt Joshi, Almora.
RHAMNUS VIRGATUS, from Forest Department, Bahraich Division.
RHAMNUS WIGHTII, from J. A. Murray, Esq., Karachi.
RHAZYA STRICTA (leaves), from " "
RHEUM EMODI, from Forest Department, Ranikhet, Chaubattia.
" (root and stock), from " "
RHEUM MOORCROFTIANUM, from Government of India, Calcutta.
RHEUM PALMATUM (root), " J. A. Murray, Esq., Karachi.
RHUS ACUMINATA (gall), " " "
RHUS CORIARA " " "
RHUS COTINUS (leaves), from Babu Amba Datt Joshi, Almora (three exhibits).
RHUS SUCCEDANEA (galls), from Superintendent, Botanical Gardens, Saharanpur.

RICINUS COMMUNIS (leaves), from Superintendent, Botanical Gardens, Saharanpur.
" (seeds, from J. A. Murray, Esq., Karachi.
" (oil) " " "
" from Babu Datt Joshi, Almora.
" " Government of India, Calcutta.
" " Superintendent, Botanical Gardens, Saharanpur.
" " Madhun Lall & Co., Dinapur.
Rogomabla (branch) " Forest Department, Lakhimpur.
Rohitak, from Babu Mahendra Nath Bhattacharjya, Bogra.
Romom (twigs and leaves), from Forest Department, Lakhimpur Division.
Roordree grass, from Babu Amba Datt Joshi, Almora.
ROSA ALBA (var. glandulifera), from Government of India, Benares.
" (flower), from Superintendent, Botanical Gardens, Saharanpur.
" from Babu Mahendra Nath Bhattacharjya, Bogra.
" " J. A. Murray, Esq., Karachi (two exhibits).
ROSA CENTIFOLIA (flower), from J. A. Murray, Esq., Karachi.
" (otto), " " "
ROSA DAMASCENE (flower), from Babu Amba Datt Joshi, Almora (two exhibits).
ROSE WATER " " "
ROSTELLULARIA PROCUMBENS, from J. A. Murray, Esq., Karachi.
ROTTLERA TINCTORIA, from Forest Department, Kumaun Division.
" (powder), from J. A. Murray, Esq., Karachi.
ROYLEA ELEGANS, from Forest Department, Ranikhet Division, Chaubattia.
" " J. A. Murray, Esq., Karachi.
RUBIACEÆ SP. (bark), from Department, Buxa Division.
RUBIA CORDIFOLIA, from Government of India, Calcutta (two exhibits).
" " Forest Department, Madras, Nilgiri District.
" (stems), from Superintendent, Botanical Gardens, Saharanpur.
" from Forest Department, Tista Division, Kalimpeong.
RUMEX VESICARIUS (seed), from J. A. Murray, Esq., Karachi.
RUBA LANTA (root), " " "
RUTA ANGASTIFOLIUM (leaves) from " "
SACCHARUM SPONTANEUM (root), from Babu Mahendra Nath Bhattacharjya.
Sada kanchan chhal, from Government of India, Calcutta.
Sada vali, from Forest Department, South Coimbatore, Madras.
SAGUS LÆVIS, from Government of India, Calcutta.
" " " Cawnpore.
Sailaj " "
Sainpata, from Government of India, Calcutta.
Saisyla kali, from J. A. Murray, Esq., Karachi.
Sajji or BARILLA, from Government of India, Calcutta.
SAL AMMONIAC, " " "
" " " Cawnpore.
SALIX TETRASPERMA, from Forest Department, Ranikhet, Chaubattia.
" (bark), from " "
SALT (black), from Government of India, Calcutta.
" ("), " " Cawnpore.
" (Lahore), " " " (two exhibits).
SALT MARSH TREE (bark), from Forest Dept., Madras, South Arcot.
" (shrub), " " "
SALTPETRE (preparation), from Government of India, Cawnpore.
" " " Calcutta.
" (sambar), " " Cawnpore.
SALVADORA OLEOIDES (root bark), from J. A. Murray, Esq., Karachi.
SALVADORA PERSICA (bark), " " "
SALVIA ÆGEMITADIS (root), " " "
SALVIA PLEBEIA (seed), " " "
SAMARA RIBES, from Government of India, Calcutta.

SAMMARA BIBES, from Government of India, Cawnpore.
" " Forest Department, Orissa Division.
Samoya, " " Kumaun Division.
SANTALUM ALBUM, from Government of India, Calcutta.
" (oil), from J. A. Murray, Esq., Karachi.
" from Government of India, Cawnpore (two exhibits).
Sapa chanda, " " Calcutta.
SAPINDUS DETERGENS, from " "
" " Babu Amba Datt Joshi, Almora.
SAPINDUS EMARGINATUS, from Forest Dept., Southern Circle, Madras.
" " " South Coimbatore.
" " J. A. Murray, Esq., Karachi.
SARCOCOLLA (gum), " " "
SAUSSUREA LAPPA, from Government of India, Cawnpore.
SAXIFRAGA LIGULATA (root), from Botanical Gardens, Saharanpur.
" from Forest Dept., Ranikhet, Chaubattia.
" (root), from J. A. Murray, Esq., Karachi.
SCILLA INDICA, from Forest Dept., Pegu Circle.
SCINDAPSUS OFFICINALIS, from Forest Dept., Ranikhet, Chaubattia.
" " Babu M. N. Bhattacharjya, Bogra.
" " Government of India, Calcutta.
SEA FOAM, from Government of India, Cawnpore.
SEMECARPUS ANACARDIUM, from Government of India, Calcutta.
" " Collector of Pilibhit.
" (fruits), from Botl. Gardens, Saharanpur.
" (nut), " J. A. Murray, Esq., Karachi.
" " Govt. of India, Cawnpore.
SESAMUM INDICUM (seed), from Government of India, Calcutta.
" (oil), " J. A. Murray, Esq., Karachi.
" from Supdt., Botanical Gardens, Saharanpur.
SESBANIA ÆGYPTIACA (leaves), from Government of India, Calcutta.
SESBANIA GRANDIFLORA, " " "
" (bark), " " "
SESELI INDICUM, " " "
Setara, " " "
SETARIA ITALICA. " " "
Shaytara " " "
Sheik yye (root), from Forest Dept., Pegu Circle.
" (leaves), " " "
Shokai, " Government of India, Calcutta.
SHOREA ROBUSTA, " "
" " " Forest Dept., Orissa Division.
Shumudra phol, " Government of India, Calcutta.
SIAM MYRCH, " Dr. W. Dymock, Bombay.
SIDA ACUTA, " Forest Dept., Cudappa, North Circle, Madras.
" " " South Coimbatore, Madras.
SIDA CORDIFOLIA, " Government of India, Cawnpore, (two exhibits).
" (plant), from Babu M. Nath Bhattacharjya, Bogra.
" (seed), " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
" (root), " Supdt., Botl. Gardens, Saharanpur.
Silajit, " Government of India, Calcutta.
SILVER LEAF, " " Cawnpore.
SIND EDELLIUM, " Dr. W. Dymock, Bombay.
SINAPIS ALBA (oil), " J. A. Murray, Esq., Karachi.
SINAPIS NIGRA, " Government of India, Cawnpore.
" (oil), " J. A. Murray, Esq., Karachi.
SIPHONANTHUS INDICA, from Government of India, Calcutta.
SISYMBRIUM IRIO, " J. A. Murray, Esq., Karachi.

SILANGURI BIRDS' EGGS, from Forest Dept., South Coimbatore, Madras.
SMILAX CHINA, " Government of India, Calcutta.
" (root), " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
SOLANUM INCARTIUM (fruit), from J. A. Murray, Esq, Karachi.
SOLANUM INDICUM, from Forest Dept, Madras, Cudappa.
" " Dr. Mudin Sharif, Madras.
" (stems and leaves), from Botl. Gdns., Saharanpur.
" (root and leaves), " Forest Dept. Ranikhet.
SOLANUN JACQUINE, from Government of India, Calcutta.
" (plant), J. A. Murray, Esq., Karachi.
SOLANUM MELOGENA, (root), from Government of India, Calcutta.
" (fruit), " " "
" (root), " " "
" " Marpalli, Rajputana.
SOLANUM NIGRUM, from Government of India, Calcutta.
" (plant), from Supdt., Botl. Gardens, Saharanpur.
SOLANUM TRILOBATUM, " Forest Department, Madras.
SOLANUM XANTHOCARPUM (plant), from Botl. Gardens, Saharanpur.
Sona chhal, from Government of India, Cawnpore.
SOYMIDA FEBRIFUGA, from Forest Department, Bengal.
" (bark), from " Buxa Division.
" " " Madras, Cudappa.
" from Forest Dept., Madras, South Arcot.
" (bark,) from J. A. Murray, Esq., Karachi.
SPHÆRANTHUS INDICUS, (flower), from Botl. Garden, Saharanpur.
SPÆRANTHUS MOLLIS, from J. A. Murray, Esq., Karachi.
SPONDIAS MANGIFERA, from Government of India, Cawnpore.
SPONSIANA REGIA, " " Calcutta.
STAR ANISEED, from J. A. Murray, Esq., Karachi.
STERCULIA URENS, from Dr. W. Dymock, Bombay.
STEREOSPERMUM SUAVEOLENS, from Govt. of India, Calcutta.
" (bark), from Botl. Gdns., Saharanpur.
" ("), " Babu M. N. Bhattacharjya.
STORAX LIQUID, from J. A. Murray, Esq., Karachi.
STRYCHINA, from Collector of Pilibhit.
STRYCHNOS COLUBRINA, from J. A. Murray, Esq., Karachi.
STRYCHNOS IGNATU (seed), " " "
STRYCHNOS NUX-VOMICA, " Government of India, Calcutta.
" " Forest Dept., Madras, South Circle.
" " " South Coimbatore.
" " " Cudappa.
" " (seed), from S. Circle, Nellore District.
" " " Madras.
" (seed), " J. A. Murray, Esq., Karachi.
" " Govt. of India, Calcutta.
STRYCHNOS POTATORUM, " " "
" from Forest Dept., South Coimbatore.
" " " South Circle, Madras.
" " " Cudappa.
STYRAX BENZOIN, from Government of India, Cawnpore.
SUCCUS ECLIPTA PROSTATA, from J. A. Murray, Esq., Karachi.
Sugund kokla, from Forest Department, Bahraich Division.
SULPHATE OF ALUMINA, from Collector of Pilibhit.
SULPHUR, from Government of India, Cawnpore.
SUNFLOWER (seed), from L. Liotard, Esq., Rev. & Agri. Dept., Calcutta.
SWEETIA CHIBATA (plant), from Supdt., Botl. Gardens, Saharanpur.
SYMPLOCOS CRATÆGOIDES, from Collector of Pilibhit.
" (bark), from Botl. Gardens, Saharanpur.

SYNPLOCOS CRATÆGOIDES (fresh), from Govt. Farm, Cawnpore.
" (bark), " J. A. Murray, Esq., Karachi.
SYMPLOCOS RACEMOSA, " Govt. of India, Calcutta.
" " Collector of Bhagalpur.
" " Govt. of India, Cawnpore.
SYZIGIUM JAMBOLANUM, " J. A. Murray, Esq., Karachi.
" (bark), " " "
TAMARINDUS INDICA (seed), from Government of India, Calcutta.
" (leaves), " " " (two exhibits).
" " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
" (seed), " Marpalli, Rajputana.
" ("), " Supdt., Botl. Gardens, Saharanpur.
" (fruits), " " "
TAMARIX INDICA (gall). " J. A. Murray, Esq., Karachi (two exhibits).
TAMARIX ORIENTALIS (gall), " " "
TARAXACUM OFFICINALE (roots), from Botl. Gardens, Saharanpur.
TAXUS BACCATA, from J. A. Murray, Esq., Karachi.
" " Babu Amba Datt Joshi, Almora.
TECTONA FRUCTUS, " J. A. Murray, Esq., Karachi.
TEPHROSIA PURPUREA, from Forest Dept., Madras, Cudappa.
TERMINALIA ARJUNA (seed), from Government of India, Cawnpore.
" " " Calcutta.
" (bark), " " "
TERMINALIA BELERICA, from Babu Mahendra Nath Bhattacharjya.
" " Government of India Calcutta.
" (leaves), from Forest Dept., Buxa Division.
" " " South Canara.
" " " Orissa Division.
" " " Betul Division.
" " " Singbhum Division.
" (fruit), " J. A. Murray, Esq., Karachi.
" " Collector of Pilibhit.
" " Botanical Gardens, Saharanpur.
TERMINALIA CATAPPA, from Government of India, Calcutta.
" " J. A. Murray, Esq., Karachi.
TERMINALIA CHEBULA (fruit), from Mahendra Nath Bhattacharjya.
" " Government of India, Calcutta (two exhibits).
" " Forest Dept., South Coimbatore.
" (bark), " " "
" " " " Orissa Division.
" " " Madras, Cudappa.
" (leaves), " " "
" " " " Betul Division.
" " " " South Arcot.
" " Collector of Pilibhit.
" " Babu Amba Datt Joshi, Almora.
" " Government of India, Cawnpore (two exhibits).
" (fruit), " Botl. Gardens, Saharanpur.
TERMINALIA PANICULATA, from Forest Dept., Madras, South Canara.
TERMINALIA TOMENTOSA, " " "
TETRANTHERA (bark), " Government of India, Calcutta.
TETRANTHERA ASPELATA, " J. A. Murray, Esq., Karachi.
TETRANTHERA LAURIFOLIA, " Forest Dept., Ranikhet, Chaubattia.
" (bark), from Botl. Gardens, Saharanpur.
" " Collector of Pilibhit.
TETRANTHERA MONOPETALA, from Government of India, Calcutta.
" " J. A. Murray, Esq., Karachi.
TETRANTHERA ROXBURGHII (bark), from J. A. Murray, Esq., Karachi.

THALICTRUM FOLIOLOSUM, from Forest Dept., Ranikhet.
" " J. A. Murray, Esq., Karachi.
THESPESIA LAMPAS, " Forest Dept., Madras, Cuddapa.
" (leaves), " Forest Dept., Rangoon, Pegu Circle.
" (flower and fruits), from " "
THESPESIA POPULNEA, from Government of India, Calcutta.
" (fruit), from J. A. Murray, Esq., Karachi.
Thuikura, from Babu Amba Datt Joshi, Almora.
TIARIDIUM INDICUM, from Government of India, Calcutta.
TINCT. CINCHONA, " " "
TINCT. MUSK, " " "
TINCT. ZINGIBER, " " "
TINOSPORA CORDIFOLIA from J. A. Murray, Esq., Karachi.
" (extract), from " "
" " Babu Amba Datt Joshi, Almora.
" (extract), " Government of India, Cawnpore.
" (stems), " Supdt., Botl. Gardens, Saharanpur.
TIGER FAT, from Babu Amba Datt Joshi, Almora.
TODDALIA ACULEATA, from Forest Dept., Madras, Cuddapa.
Tongloti " " Lakhimpur Division.
TRAGIA INVOLUCRATA " Government of India, Calcutta.
TRAPA BISPINOSA, " " Cawnpore.
" " " Calcutta.
TRIBULUS TERRESTRIS (fruit), from J. A. Murray, Esq., Karachi.
" ("), " Supdt., Botl. Gardens, Saharanpur.
TRICHODESMA INDICUM, from Forest Dept., Ranikhet.
" " J. A. Murray, Esq., Karachi.
" (plant), from Supdt., Botl. Gardens, Saharanpur.
TRICHOSANTHES ANGUINA, " " " "
TRICHOANTHES DIOICA (root), from Government of India, Calcutta (three exhibits).
" " J. A. Murray, Esq., Karachi.
TRICHOSANTHES PALMATA, from Supdt., Botl. Gardens, Saharanpur.
" (root fruit), from Forest Dept., Ranikhet.
TRICOLOPSIS PROCUBENS, from J. A. Murray, Esq., Karachi.
TRIGONELLA FŒNUM-GRÆCUM, from Babu Mahendra Nath Bhattacharjya.
" " Government of India, Calcutta.
" (small), from " "
" from Alwar, Rajputana (two exhibits).
" " J. A. Murray, Esq., Karachi.
TRIPLASIA TRIFOLIOTA, form Forest Dept., Madras, Cudappa.
TRUE MYRCH, from Dr. W. Dymock, Bombay.
Tulshi pata, " " "
Tulshi shikar " " "
TURMERIC, " Collector of Pilibhit.
UNCARIA GAMBIER (extract), from J. A. Murray, Esq., Karachi.
URGINEA INDICA, " Babu Amba Datt Joshi, Almora.
VACHELLIA FARNESINA (root), from Govt. of India, Calcutta.
" (bark), " " "
VALERIANA HARDWICKII, from Forest Dept., Ranikhet, Chaubattia.
" " J. A. Murray, Esq., Karachi.
VALLARIS DICHOTOMA, " Forest Dept., Ranikhet, Chaubattia.
VATERIA INDICA, " " South Canara.
" (grey), " " South Coimbatore.
" (white), " " "
VENTILAGO MADERASPATANA, from Forest Dept., Madras, Nellore.
VERNONIA ANTHELMINTICA, from Government of India, Calcutta.
" from Supdt., Botl. Gardens, Saharanpur.
" (seed), from J. A. Murray, Esq., Karachi.
VIBURNUM STELLULATUM, from Babu Amba Datt Joshi, Almora.

VIOLA ODORATA, from Government of India, Calcutta.
" (dried plant), from J. A. Murray, Esq., Karachi.
VIOLA SP., from Government of India, Calcutta.
VIOLA SERPENS (leaves), from Government of India, Benares (two exhibits).
" (plant), " Supdt., Botanical Gardens, Saharanpur.
" (root), " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
" (flower), " " "
" (root), " " " (two exhibits).
VISCUM SP., from J. A. Murray, Esq., Karachi.
Visha manjil, " Forest Department, South Coimbatore.
VITEX NEGUNDO, " Forest Department, Ranikhet. Chaubattia.
VITEX TRIFOLIA, " Supdt., Botanical Gardens, Saharanpur.
" (leaves), from Government of India, Calcutta.
" (ash), " " "
" " J. A. Murray, Esq., Karachi.
" (leaves), " " "
" (seed), " Government of India, Cawnpore.
" " Supdt., Botl. Gardens, Saharanpur.
" (stems), " " " "
VITIS QUADRANGULARIS, " Forest Dept., Madras, Cudappa.
VITIS VINIFERA, " Government of India, Cawnpore.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore.
WALSURA SP., " Forest Department, Cuddappa.
WAX, from Forest Department, Bahraich Division.
" " Government of India, Calcutta.
" " Forest Department, Kumaun Division.
" " Government of India, Cawnpore.
WITHANIA SOMNIFERA, from Babu Mahendra Nath Bhattacharjya.
" (leaves), from Govt. of India, Calcutta (two exhibits).
WOODFORDIA FLORIBUNDA, fom Forest Department, Betul Division.
WRIGHTIA ANTIDYSENTERICA, from J. A. Murray, Esq., Karachi.
WRIGHTIA TINCTORIA. " Government of India, Calcutta.
" from Forest Department, Goalpara Division.
" (bark), from " Buxa Division.
" " " Orissa Division.
" from Government of India, Cawnpore.
" " Government of India, Calcutta.
XANTHIUM INDICUM (fruit), from J. A. Murray, Esq., Karachi.
Zuhar mohira from Government of India, Cawnpore.
ZANTHOXYLON ALATUM (bark), from Botl. Gardens, Saharanpur.
" from Forest Dept., Ranikhet, Chaubattia.
" " Babu Amba Datt Joshi, Almora.
" " Government of India, Calcutta.
ZANTHOXYLON HOSTILE (seed), from J. A. Murray, Esq., Karachi.
ZANTHOXYLON RHETSA, " " "
ZINGIBER ALOES (seed), from J. A. Murray, Esq. Karachi. "
ZINGIBER MACROSTACHYUM, from " "
ZINGIBER OFFICINALE, from Government of India, Calcutta.
" " Forest Department, Bahraich Division.
" " " South Coimbatore.
" " " Betul Division.
" (green root), from Collector of Pilibhit.
" from Superintendent, Botanical Gardens, Saharanpur.
" " A. Parsons, Esq., Simla.
" " Babu Mahendra Nath Bhattacharjya.
" " J. A. Murray, Esq., Karachi.
" " Babu Amba Datt Joshi, Almora.

ZINGIBER OFFICINALE, from Government of India, Cawnpore.
" " " Calcutta.
" " Deputy Commissioner, Garo Hills, Assam.
ZINGIBER PURPUREUM (bark), from " "
ZINGIBER ZERUMBET, " " "
Zirishk, from Government of India, Cawnpore.
ZIZYPHUS JUJUBA (bark), from Government of India, Calcutta.
" (fruit), " " "
" (root), " " "
" " Forest Department, Madras, Cudappa.
" (bark), " " Ranikhet.
" (seed), " Babu Mahendra Nath Bhattacharjya.
" " J. A. Murray, Esq., Karachi.
" " Government of India, Cawnpore (two exhibits).
ZIZYPHUS VULGARIS, from J. A. Murray, Esq., Karachi.

VIII.—INTOXICANTS.

CANABIS SATIVA, from Babu Amba Datt Joshi, Almora.
" (flat), from Babu Mahendra Nath Bhattacharjya (two exhibits).
" (hemp), " Alwar, Rajputana.
" (charas), " Nepal, through Bahraich.
" (round), " Collector of Calcutta (three exhibits).
" (bhang), " "
CORRANDERRK (horse hops), from Inglis, Brown & Co., Sydney.
LAIRD REBU (horse hops), " " "
NICOTIANA RUSTICA (bhelingi), from Government of India, Rangpur.
" (var. sokam), " " "
" (var. nakhol), " " "
" (var. bhelingi), " " "
" (var. chama), " " "
" (var. hamakos), " " "
" (var. gadre), " " "
" (var. nutan hingli), " " Calcutta.
" (var. puratan hingli), " " "
" (var. gar gach), " " "
" (var. boyer changa), " " "
" (var. páká pátá), " " "
" (var. saresh pulo), " " "
" (var. katai), " " "
" (var. mati), " " "
" (var. bhuti), " " "
" (var phawri matihar), " " "
" (var. gar matihar), " " "
" (var. sabgar), " " "
" (var. ghora márá pulo), " " "
" (var. morong), " " "
" (var. gar mugue), " " "
" from Superintendent, Botanical Gardens, Saharanpur,
" " Alwar, Rajputana.
" " L. Liotard Esq., Rev. and Agri. Department.
" " Babu Mahendra Nath Bhattacharjya, Bogra.
" " Superintendent, Botanical Gardens, Saharanpur.
" " Babu Amba Datt Joshi, Almora.
" " J. B. Fuller, Esq., Nagpur.
" " Kigontan, Burma.
PAVER SOMNIFERUM (opium). from Alwar, Rajputana.
SHAOBRIDGE'S BLACK (horse hops), from Inglis, Brown & Co.

IX.—PERFUMERY.

ACORUS CALAMUS, from Government of India, Calcutta.
ALOES WOOD, from L. Liotard, Esq., Rev. and Agri. Department, Calcutta.
ALPINIA GALANGA, from Government of India, Calcutta.
ANDROPOGON CALAMUS AROMATICUS from Government of India, Calcutta.
ANDROPOGON MURICATUS, from Government of India, Calcutta.
APLOTAXIS AURICULATA, „ Superintendent, Botanical Gardens, Saharanpur.
AQUILARIA AGALLOCHA, „ Government of India, Calcutta.
„ „ Forest Department, Maulmain.
ARTEMISIA VULGARIS, „ Government of India, Calcutta.
BALSAMODENDRON MUKUL, „ „ „
BALSAMODENDRON MYRRHA, „ „ „
BENZOIN, from Collector of Pilibhit, North-Western Provinces.
CAMPHORA GLANDULIFERA, from Government of India, Calcutta.
CANARIUM BENGALENSE, from Forest Department, Sibsagar Division.
CARUM COPTICUM, from Government of India, Calcutta.
CINNAMOMUM TAMALA (leaves), from Nepal, through Bahraich.
CROCUS SATIVUS, „ „ „
CUMINUM CYMINUM (black), from Government of India, Calcutta.
„ (white), „ „ „
CURCUMA AROMATICA, „ „ „
CURCUMA ZEDOARIA, „ „ „
CYPERUS PERTENUIS, „ „ „
Ekangi, „ „ „
EMBLICA OFFICINALIS, „ „ „
Foot kola, from Forest Department, Lakhimpur Division.
GENTIANA KURROO, from Nepal, through Bahraich.
HIBISCUS ABELMOSCHUS, from Government of India. Calcutta.
JUNIPERUS COMMUNIS, from Nepal, through Bahraich.
Kachur, „ „ „
Kankla, from Government of India, Calcutta.
Khir kankra, from „ „
Kotana, from Forest Department, Lakhimpur Division.
Mura mansi, from Government of India, Calcutta.
NARDOSTACHYS JATAMANSI, (root) from Government of India, Calcutta (two exhibits).
NYCTANTHES ARBOR-TRISTIS (flower), „ „ „
PANDANUS ODORATISSIMUS („), „ „ „
PARMELIA KAMTSCHADALIS, „ Nepal, through Bahraich.
POGOSTEMON PATCHOULI, from Government of India, Calcutta.
POLIANTHES TUBEROSA, „ „ „
PTEROCARPUS ACERIFOLIUM, „ „ „
ROSA ALBA (var. glandulifera), „ „ „
ROSA DAMASCENA (flower), „ „ „
„ from Superintendent, Botanical Gardens, Saharanpur.
Sailaj, from Government of India, Calcutta.
SANTALUM ALBUM, from Government of India, Calcutta.
SHOREA ROBUSTA, „ „ „
„ „ Forest Department, Goalpara Division.
STERCULIA URENS, „ „ „
STYRAX BENZOIN, „ Government of India, Calcutta.
„ „ „ Cawnpore.
Sugand bala, „ Nepal, through Bahraich.
Sugand kokla, „ „ „
Tambul, from Government of India, Calcutta.
TAXUS BACCATA, from Babu Amba Datt Joshi, Almora (two exhibits).
VALERIANA HARDWICKII, from „ „
VATICA LANCEÆFOLIA, from Forest Department, Sibsagar Division.

X.—OILS AND OILSEEDS.

ABIES SMITHIANA, from Superintendent, Botanical Gardens, Saharanpur.
ACACIA FARNESIANA, „ „ „
ADENANTHERA PAVONINA, from Forest Department Madras, South Arcot.
ALEURITES MOLUCCANA, „ Government of India, Calcutta.
ALNUS NEPALENSIS, „ Forest Department, Madras, South Arcot.
AMOMUM CARDAMOMUM (large), from Government of India, Calcutta.
AMOORA ROHITUKA, „ „ „
ANACARDIUM OCCIDENTALE, „ „ „
„ (oil), from Forest Department, South Canara.
„ „ „ South Arcot.
ANDROPOGON CALAMUS AROMATICUS, from Government of India, Calcutta.
ANDROPOGON MURICATUS, „ „ „
AQUILARIA AGALLOCHA, „ „ „
ARACHIS HYPOGŒA, from Superintendent, Botanical Gardens, Saharanpur.
„ „ Government of India, Calcutta.
„ (var. Shreegonda), from Exhibition Committee, Ahmadnagar.
„ („ Jamkhed), „ „ „
„ („ Ankola), „ „ „
„ („ Jamkhed), „ „ „
ARGEMONE MEXICANA (seed), from Government of India, Calcutta.
„ „ „ Cawnpore.
AZADIRACHTA INDICA, from Forest Department, Madras, Southern Circle.
BASSIA BUTYRACEA, from Babu Amba Datt Joshi and Ranikhet Forest.
BASSIA LATIFOLIA (seeds), from Government of India, Calcutta.
„ (oil), „ Forest Department, Madras, Northern Circle.
„ „ Government of India, Calcutta.
„ (oil), „ „ „
„ (oil), „ Superintendent, Government Farm, Cawnpore.
BASSIA LONGIFOLIA „ Forest Department, Madras, Southern Circle (two exhibits).
„ (oil), „ „ South Canara.
BENINCASA CERIFERA, „ Superintendent, Botanical Gardens, Saharanpur.
BOMBAX MALABARICUM (seed), from Government of India, Calcutta.
BRASSICA CAMPESTRIS (*Kali sarsa*), from Government of India, Calcutta.
„ (*Sada sarsa*), „ „ „
„ (*Sarson*), „ Alwar, Rajputana.
„ (oilcake), „ „
„ (*Senhua*), „ Government of India, Lucknow.
„ (*Lâhi*), „ „ „
„ (white), „ „ „
„ (red), „ „ Cawnpore.
„ (yellow), „ „ „
„ (glauca), „ Botanical Gardens, Saharanpur.
„ (dichotoma), „ „ „
„ (*Toria*), „ „ „
„ (*Kala sarson*), „ „ „
„ (*Sarson*), „ Government of India, Cawnpore.
„ (yellow), „ „ „
„ (*Kali sarson*), „ „ Calcutta.
„ (*Sarisa*), „ „ „
„ (black), „ „ „
„ (*Sarisa*), „ „ „
„ (yellow), from Superintendent, Government Farm, Cawnpore.
„ (red), „ „ „
„ (dichotoma), from Botanical Gardens, Saharanpur.

BRASSICA CAMPESTRIS (glauca), from Botanical Gardens, Saharanpur.
" (dichotoma), " " "
" (glauca), " " "
" (*toria*), " " " (two exhibits).
" (var. Ankola), from Exhibition Committee, Ahmadnagar.
" from Local Committee, Chittagong.
BRASSICA JUNCEA, " Government of India, Calcutta.
" " Superintendent, Botanical Gardens, Saharanpur (two exhibits).
BRASSICA NIGRA, " Government of India, Cawnpore.
BUCHANANIA LATIFOLIA (seed) from Forest Department, Central Provinces.
" ("), " Government of India, Calcutta.
Buree, from L. Liotard, Esq., Calcutta.
BUTEA FRONDOSA, from Supdt., Botanical Gardens, Saharanpur.
CÆSALPINIA BONDUCELLA, from Government of India, Calcutta.
CALOPHYLLUM DECEPIENS (oil), from Forest Dept, South Canara.
CALOPHYLLUM INOPHYLLUM (oil), from " "
" " " South Arcot.
CAMPHORA OFFICINARUM, from Government of India, Calcutta.
CARTHAMUS TINCTORIUS (seed), from " "
" (seed), " Alwar, Rajputna.
" (seed), " Govt. of India, Cawnpore.
" (seed), " Forest Dept, Singbhum.
" " Government of India, Cawnpore.
" from Supdt., Botl. Gardens, Saharanpur.
" (var. Newasa), from Exhibn. Com., Ahmadnagar.
" (" Ankola), " " "
" (" Nagar), " " "
" (" Jamkhed), " " "
" (" Kopargaum), " " "
CARUM CARUI (black), from Government of India, Calcutta.
" (white), " " "
CARUM COPTICUM " " "
CARUM ROXBURGHIANUM, " " "
CEDRUS DEODARA, from Supdt., Botl. Gardens, Saharanpur.
" (oil), " Government of India, Cawnpore.
" " " Calcutta.
CELASTRUS PANICULATUS, " " "
" " " Cawnpore.
CICHORIUM INTYBUS, " " Calcutta.
CINNAMOMUM ZEYLANICUM (oil), from Forest Dept., South Canara.
COCOS NUCIFERA from Forest Dept., Madras, Southern Circle.
" " Government of India, Calcutta.
COIX LACHRYMA " " "
CORDIA MYXA, " " Cawnpore.
CORIANDRUM SATIVUM, " " Calcutta.
CROTON TIGLIUM, " " "
" " " Cawnpore.
CUBEBA OFFICINALIS, " " Calcutta.
CUCUMIS MELO (seed), " " "
" (seed), " " "
CUCUMIS UTILISSIMUS (seed), from Government of India, Cawnpore.
" ("), " " "
" ("), " " "
CUCUMIS SATIVUS, " " "
" (seed), " " Calcutta.
CUCURBITA MAXIMA, " " Cawnpore.
" from Supdt., Botanical Gardens, Saharanpur.

CUCURBITA MAXIMA (seed), from Government of India, Calcutta.
CUMINUM CYMINUM, " " "
DIPTEROCARPUS TURBINATUS, " " "
ERUCA SATIVA, from Superintendent, Botanical Gardens, Saharanpur.
ERYTHROXYLON MONOGYNUM, from Forest Department, Madras, N. Circle.
EXCÆCARIA SEBIFERA, from Superintendent, Botanical Gardens, Saharanpur.
FLACOURTIA CATAPHRACTA, from Government of India, Calcutta.
FŒNICULUM VULGARE, from Government of India, Calcutta.
" " " Cawnpore.
GARCINIA MORELLA (oil), from Forest Department, Madras, South Canara.
Ghewphal, from Forest Department, Bengal, Buxa.
GOSSYPIUM HERBACEUM (kulpahar), from Government Farm, Cawnpore.
" from Government of India, "
" " " "
GUATTERIA LONGIFOLIA (seed), from " Calcutta.
GUIZOTIA OLEIFERA, from Government of India, Calcutta.
" " " Cawnpore.
" (var. Jamdhed), from Exhibition Committee, Ahmadnagar.
" (" Ankola), " " "
" (" Newosa), " " "
HYNOCARDIA ODORATA, " " "
" from Local Committee, Chittagong.
HERDOCARPUS SP. (seed), from Forest Department, Madras, South Canara.
HYDNOCARPUS INEBRIANS (oil), from " " "
HYOSCYAMUS NIGER, from Government of India, Calcutta.
INDIGOFERA TINCTORIA, from Superintendent, Government Farm, Cawnpore.
JASMINUM SAMBAC, from Alwar Darbar, Rajputana.
JATROPHA CURCAS (*oil*), from Forest Department, Madras, South Canara.
" (oil), " " Malabar.
" (seed), from Government of India, Calcutta.
JUGLANS REGIA, from Superintendent, Botanical Gardens, Saharanpur.
Kaurang jowan, from Government of India, Calcutta.
Khordoi oil, from L. Liotard, Esq., Calcutta.
Khrosni oil, " "
Khub kala, " Government of India, Cawnpore.
Khosh seeds, " Forest Department, Assam, Sibsagar.
LACTUCA SCARIOLA (var. sativa), from Government of India, Calcutta.
LAWSONIA ALBA (leaves), " " "
" (seeds), " " "
LEPIDIUM SATIVUM, " " Cawnpore.
LEGUSTICUM DIFFUSUM, " " Calcutta.
LINUM USITATISSIMUM, " " "
" from Narsingpur, through Agricultural Department, C.P.
" " Government of India, Lucknow.
" " Kotah, Rajputana.
" " Government of India, Cawnpore.
" " Calcutta.
" (white) from Supdt., of Government Farm, Cawnpore.
" (red, old), " " "
" (red, small), " " "
" (red, Riga), " " "
" (white, oil), " " "
" (red, oil), " " "
" from Supdt., Botanical Gardens, Saharanpur.
" (oilcake), from " " (two exhibits).
" (var. Jamkhed), from Executive Committee, Ahmadnagar.
" (" Rakura), " " "
" (" Jamkhed), " " "
LINUM USITATISSIMUM (var. Newasa), from Ex. Com., Ahmadnagar (two exhibits.

Mallotus Philippinensis, from Government of India, Calcutta.
Matricaria chamomila, „ „ „
Melia azadirachta (fruit), „ „ „
Melia azedarach, from Superintendent, Botanical Gardens, Saharanpur.
Melia Indica (oil), from Forest Department, Madras, Northern Circle.
Mesua ferrea, from Government of India, Cawnpore.
„ (seed), from Forest Department, Assam, Goalpara.
„ („), „ „ „ Kamrup.
„ „ „ „ Sibsagar.
Michelia champaca (fruit), from Government of India, Calcutta.
Mimusops Kauki, from Superintendent, Botanical Gardens, Saharanpur.
Moringa pterygosperma (oil), from Forest Department, Madras, Arcot.
„ (seed), from „ „ „
„ from Botanical Gardens, Saharanpur.
[illegible]-stard (yerma), from L. Liotard, Esq., Calcutta.
[illegible]ophyll[illegible] from Government of India, Calcutta (two exhibits).
[illegible]yristica Moschata, [illegible] „ Cawnpore.
Myrsine Africana „ „ „
Nyctanthes arbor-tristis (seed), from Government of India, Calcutta.
Papaver somniferum (seed), „ „ „
„ from Kotah, Rajputana.
„ „ Government of India, Cawnpore.
„ „ L. Liotard, Esq., Calcutta.
Perilla ocymoides, from Superintendent, Botanical Gardens, Saharanpur.
Phœnix sylvestris (seed), from Government of India, Calcutta.
Pinus Khasyana, from Forest Department, Assam (two exhibits).
Pistacia vera, from Government of India, Calcutta.
Pitraj, from Local Committee, Chittagong.
Plantago Ispaghula „ „ „
Pongamia glabra (seed), „ „ „
„ (oil), „ Forest Department, Madras, Northern Circle.
„ „ „ „ Southern „
„ „ „ „ Malabar.
„ (seed), „ Government of India, Calcutta.
Prinsepia utilis, from Superintendent, Botanical Gardens, Saharanpur.
Prunus Armeniaca, from „ „
„ „ Government of India, Calcutta.
„ „ Local Committee, Chittagong.
Pterocarpus marsupium (oil), from Forest Department, Madras, Northern Circle.
Pucedanum graveolens, from Government of India, Cawnpore.
Putranjiva Roxburghii „ Botanical Gardens. Saharanpur.
Raphanus sativus (seed , „ Government of India, Calcutta.
„ (var. caudatus), from Punjab Committee.
„ (seed), from Government of India, Cawnpore.
Ricinus communis, (var. Colgong), from „ Calcutta.
„ (var. Madras), „ „ „
„ from Alwar, Rajputana.
„ „ Government of India, Lucknow.
„ from Narsingpur, through Agricultural Department, C. P.
„ (oil, hot-drawn), from Forest Department, Madras, Souther Circle.
„ (cold-drawn), from Forest Department, Madras, Souther Circle.
„ („), „ Government of India (two exhibits).
„ (seed), from Government of India, Cawnpore.
„ from L. Liotard, Esq., Calcutta.
„ (red), from Government of India, Cawnpore.
„ from Superintendent, Botanical Gardens, Saharanpur (t exhibits).
„ (1st class), from Madhu Lal & Co., Dinapore.
„ (castor seed), from Exhibition Committee, Ahmadnagar.

Santalum album, from Government of India, Calcutta.
Sapindus detergens, from „ „
„ „ „ Cawnpore.
Schleichera trijuga, „ Forest Department, Orissa.
„ (seed), „ Madras, Malabar.
„ from „ Gumsur.
Semecarpus anacardium, from Government of India, Calcutta.
„ „ „ Cawnpore.
Sesamum Indicum, (white), „ Alwar, Rajputana.
„ (black), „ „ „
„ (oil-cakes), „ „ „
„ (black), „ Government of India, Calcutta.
„ (white), „ „ „
„ „ „ Lucknow.
„ (black), „ „ „
„ (*Tili*), from Kotah, Rajputana.
„ (from Forest Department, Madras, Southern Circle (two exhibits).
„ (black), from Government of India, Cawnpore.
„ (of Banda), „ „ „
„ (black), „ „ „
„ (white), „ „ „
„ „ „ Calcutta.
„ (black), from Superintendent, Government Farm, Cawnpore.
„ (brown), „ „ „
„ (oil), „ „ „ (two exhibits).
„ (black), „ Superintendent, Botanical Gardens, Saharanpur).
„ (oil-cake), „ „ „
„ „ „ „
„ (white), „ „ „
„ (black), „ „ „
„ from Local Committee, Chittagong.
„ (black), var. Jamkhed, from Exhibition Committee, Ahmadnagar.
„ var. Kahura, „ „ „
„ (white, var. Ankola, „ „ „
„ „ „ Sreegando, „ „ „
„ „ „ Kurjat, „ „ „
Shorea robusta, from Forest Department, Orissa.
Sinapis ramosa, „ Government of India, Calcutta.
Soap (of gullhe oil), „ Superintendent, Government Farm, Cawnpore.
Sunflower seed oil, „ Government of India, Calcutta.
Taru, from Government of India, Alwar.
Tectona grandis, from Forest Department, Madras, Northern Circle.
Tekera seed, from Forest Department, Assam, Sibsagar.
Terminalia, catappa, „ „ „ (two exhibits).
Terminalia chebula, „ „ „
Thespesia populnea, from Government of India, Calcutta.
Thopan, from Forest Department, Assam, Lakhimpur.
Tokmaria, from Government of India, Calcutta.
Trigonella fœnum-græcum, from Government of India, Cawnpore.
„ (large), „ „ „ Calcutta.
„ (small), „ „ „ „
Valeria Indica (oil), from Forest Department, Madras, South Canara.
„ (seed), „ „ „ „
Vernonia anthelmintica, from Government of India, Calcutta.
Vitex trifolia (seed), „ „ „

XI —DYES AND TANS.

ACACIA ARABICA (bark), from Superintendent, Botanical Gardens, Saharanpur.
" (bark powder), " " "
" (leaves). from Government of India, Calcutta.
" (legumes), " " "
" (bark), " " "
" (bark), " F. B. Manson, Esq., Forest Dept., Bengal.
" (bark), " Forest Dept., Madras, South Arcot.
" (bark), " Government of India, Cawnpore.
ACACIA CATECHU (wood), " Supdt., Govt. Farm, Cawnpore.
" (extract), " " "
" (*Janakpuri*), " " "
" (*Pegu khayer*), " " "
" (*Papri khayer*), " " "
" (*Tal khayer*), " " "
" (*Chiner khayer*), from " "
" (*Khayer*), " " "
" from Forest Department, South Canara.
" " Government of India, Kattra.
" " Forest Department, Central Provinces, Betul.
" " " Madras, Malabar.
ACACIA CONCINNA, from " South Canara.
" " " Coimbatore.
ACACIA LEUCOPHLŒA, from " Central Provinces, Nagpur.
" (bark), from Government of India, Calcutta.
" from Forest Department, Madras, South Arcot.
" " " Southern Circle.
ADENANTHERA PAVONINA, from Forest Department, Pegu Circle.
ADHATODA VASICA (leaves), " Government of India, Calcutta.
ÆGLE MARMELOS (bark), " " "
" (rind) " " "
" " " Cawnpore.
ALBIZZIA AMARA, from Forest Department, Madras, Nellore.
ALBIZZIA LEBBEK (bark), from Government of India, Calcutta.
" from Forest Department, Madras, Cudappa.
" " Superintendent, Botanical Gardens, Saharanpur.
ALBIZZIA PROCERA, " " "
ALOE INDICA, from Government of India, Calcutta.
ALNUS NEPALENSIS, from Forest Department, Ranikhet.
" (bark), from " "
ALNUS NITIDA (bark), " "
ALPINIA GALANGA from Government of India, Calcutta.
ALTHÆA ROSEA, " " "
ALUM, " " "
" " " Cawnpore.
AMOORA ROHITAKA, from Forest Department, Assam, Lakhimpur.
ANOGEISSUS LATIFOLIA (leaves), from Botanical Gardens, Saharanpur.
ANONA RETICULATA (dried fruit), from Government of India, Calcutta.
APOROSA VILLOSA (bark), from Forest Department, Burma, Pegu Circle.
ARECA CATECHU, from Government of India, Calcutta.
ARSENIC, " "
ARTOCARPUS CHAPLASHA (outer bark), from Forest Department, Buxa.
ARTOCARPUS INTEGRIFOLIA (root), from Government of India, Calcutta.
" from Forest Department, Pegu Circle.
ARTOCARPUS LAKOOCHA (bark), from " "
" (root), " " "
" " " "
ASPARAGUS RACEMOSA, from Forest Department, Central Provinces, Betul.

ASTRAGALUS HAMOSUS, " Government of India, Calcutta.
BACCAUREA SAPIDA, from Forest Department, Assam, Sibsagar.
BALANITES ROXBURGHII (bark), from Forest Department, Betul.
BARRINGTONIA ACUTANGULA, from Botanical Gardens, Saharanpur.
BAUHINIA PURPUREA, " " "
" (bark), " Government of India, Calcutta.
BAUHINIA VARIEGATA, " " "
BERBERIS ARISTATA, " " "
" from Nepal, through Agricultural Department.
" " Cawnpore.
" (root), from Forest Department, Madras, Nilgiris.
" (red), " " Assam, Goalpara.
BERBERIS LYCIUM, from Babu Amba Datt Joshi, Almora.
" " Government of India, Calcutta (two exhibits).
BETULA ACUMINATA, " Babu Amba Datt Joshi, Almora.
Bhotula, " " "
Bhoira, " Forest Department, Assam, Goalpara.
BIGNONIA INDICA, " " Madras, Coimbatore.
Biri, from Government of India, Darjeeling.
Bishokan or *Patasi*, from Government of India, Calcutta.
BIXA ORELLANA, " " "
" from Local Committee, Malda.
BLACK EARTH, from Babu Amba Datt Joshi, Almora.
BLACK TALC, from Government of India, Calcutta.
BLUE-BLACK, for making lac ornaments, from Cawnpore.
BLUE COLOUR, for making lac ornaments, " "
BOMBAX MALABARICUM, from Government of India, Calcutta.
BORAX (*sohaga*), " " "
Brusa bark, from Babu Amba Datt Joshi, Almora.
BRYONIA SPIGAXEA (root), from Forest Department, South Arcot.
BUCHANANIA LATIFOLIA, from Forest Department, Central Provinces, Betul.
" (bark), " " Hoshangabad.
BUTEA FRONDOSA, from Government of India, Calcutta.
" " Forest Department, Kumaun.
" " Alwar Darbar, Rajputana.
" " Government of India, Cawnpore (two exhibits).
" " L. Liotard," Esq., Revenue and Agricultural Department.
" " Superintendent, Botanical Gardens, Saharanpur (two exhibits).
" " Superintendent of Government Farm, Cawnpore.
CÆSALPINIA CORIARIA, from Harness and Saddlery Factory, Cawnpore.
" (ground), from " "
CÆSALPINIA SAPPAN, from Government of India.
" " Local Committee, Malda.
" " Forest Department, Madras, Southern Circle.
" " Government of India, Cawnpore.
" " Forest Department, Madras, Malabar (two exhibits).
CALOCASIA ANTIQUORUM, from Forest Department, Central Provinces, Betul.
CALOTROPIS GIGANTEA (milk), from Government of India, Calcutta.
CARTHAMUS TINCTORIUS, " " " (two exhibits).
" from Local Committee, Malda.
" " Alwar, Rajputana.
" " Madan Mohan Basak Brothers, Dacca.
" " Government of India, Cawnpore (two exhibits.)
" " Botanical Gardens, Saharanpur (two exhibits.)
CASSIA AURICULATA, from Government of India, Calcutta,
" " " Arakan.

CASSIA AURCULATA, from Forest Department, Madras, Southern Circle.
" " " South Arcot.
" " " South Coimbatore.
" " " Cuddapa.
CASSIA FISTULA, " " Southern Circle.
" " Local Committee, Malda.
" (bark), from Babu Amba Datt Joshi, Almora.
" from Forest Department, Madras, South Arcot.
" " " Cuddapa.
" from Forest Department, Central Provinces, Betul.
" " " Kamrup, Assam.
" " " North-Western Provinces, Ranikhet.
CASSIA LANCEOLATA, from " Madras, Southern Circle.
CASSIA OCCIDENTALIS, from Government of India, Calcutta.
CASSIA TORA, from Forest Department, Madras, Southern Circle.
" (leaves), from Government of India, Calcutta.
" (seed) " " "
CASUARINA EQUISETIFOLIA, from " "
CASUARINA MURICATA, from Forest Department, Madras, South Arcot.
CATHARTOCARPUS FISTULA (bark), from Forest Department, Madras, Malabar
" " " " South Canara.
CEDRELA TOONA, from Government of India, Calcutta.
" " " Cawnpore.
" " Superintendent, Botanical Gardens, Saharanpur.
CERIOPS ROXBURGHIANA, from Government of India, Calcutta.
CHOCOLATE-COLOURED earth, from Central Provinces.
Channong, from Forest Department, Assam, Garo Hills.
Chouli (bark), " " "
Chya, from Local Committee, Malda.
CINNABAR, 1st quality, from Government of India, Calcutta.
" 2nd quality " " "
CINNAMOMUM TAMALA, " " "
CLAY (white), " " "
" (black), " " "
COCCUS CACTI " " "
COCCUS LACCA. " " "
" (seed) " " "
" from Alwar.
" " Forest Department, North-Western Provinces, Kumaun.
" " " Bengal, Kurseong.
" " " Madras, Southern Circle.
" " Government of India, Calcutta (three exhibits).
" " " Cawnpore.
" (stick), from Superintendent, Government Farm, Cawnpore.
" from Superintendent, Botanical Gardens, Saharanpur.
COPPER SULPHATE, from Government of India, Calcutta.
COUNTRY DYE, " E. B. Harris, Esq., Rajmahal.
CROCUS SATIVUS, " " "
CURCUMA AROMATICA " " " (two exhibits.)
" (roots and leaves), from Forest Department, Ranikhet.
CURCUMA LONGA, from Forest Department, Ranikhet.
" " Superintendent, Botanical Gardens, Saharanpur.
" " Government of India, Cawnpore.
" " " Calcutta.
CURCUMA SP., " Forest Department, Central Provinces, Betul.
CURCUMA ZEDOARIA, from Government of India, Calcutta.
CYPERUS PERTUNIA, " " "
DALBERGIA SISSOO, from Forest Department, Assam, Garo Hills.
DASTICA CANNABINA (root), from Government of India, Calcutta.

DIOSPYROS EMBRYOPTERIS (fruit), from Government of India, Calcutta.
" (bark), " " "
" from Forest Department, Assam, Goalpara.
DUABANGA SONNERATIODES (bark), from Government of India, Darjeeling.
DYEING MATERIALS, from E. B. Harris, Esq., Rajmehal (two exhibits).
EMBLICA OFFICINALIS. " Forest Department, Madras, Southern Circle.
" " Government of India, Cawnpore (two exhibits).
" (bark), from " "
EMBLICA OFFICINALIS (fruit), from Government of India, Calcutta.
" (leaves), " " "
" (bark), " " "
" " " Darjeeling.
" (bark and leaves), from Forest Department, Lakhimpur.
EMBLICA RIBES, from Forest Department, Central Provinces, Betul.
EUGENIA JAMBOLANA, from Government of India, Calcutta.
" " Superintendent, Botanical Gardens, Saharanpur.
FERRI SULPHAS, from Government of India, Calcutta.
" " " Cawnpore.
FICUS BENGALENSIS, from " "
FICUS RELIGIOSA, from Forest Department, Bengal, Kurseong.
" (bark), from Government of India, Calcutta.
" (leaves) " " "
GARCINIA MORELLA, " " "
" from Bahraich, through Agri. Department, N.-W. P.
" " Forest Department, Madras, South Canara.
GARUGA PINNATA, from Superintendent, Botanical Gardens, Saharanpur.
" (bark), from Babu Amba Datt Joshi, Almora.
" (pulp), " " "
GLYCYRRHIZA GLABRA, " Government of India, Calcutta.
Gonwari phul " " "
GREEN DYE (for lac ornaments), from Government of India, Cawnpore.
HARDWICKIA BINATA (bark), " " Calcutta.
HEDYOTIS UMBELLATA, from Forest Department, Madras, Southern Circle.
" " " " Northern Circle.
" " " Bengal, Singbhum.
HŒMATOXYLON COMPECHIANUM, from Botanical Gardens, Saharanpur.
INDIGOFERA TINCTORIA (dye), from Government of India, Calcutta.
" (seed), " Alwar, Rajputana.
" (dye), " "
" ("), " "
" (plant), " "
" (dye), " Government of India, Cawnpore.
" ("), " Supdt., Botanical Gardens, Saharanpur.
" ("), " Forest Department, Assam, Garo Hills.
" ("), " Collector of Bhagalpur.
" ("), " Local Committee, Malda.
" from Collector of Monghyr.
" " Local Committee, Chittagong.
IRON SAUL, from Forest Department, Bengal, Singbhum.
Jalkotu, " " Assam, Goalpara.
Jammu, " " " Lakhimpur.
Jhatuka " " " Goalpara.
JUGLANS REGIA (bark), from Babu Amba Datt Joshi, Almora.
" (rind), " " "
Kala gach, from Forest Department, Assam, Goalpara.
Kasur gach, from Government of India, Calcutta.
Khannya, from Babu Amba Datt Joshi, Almora.
LAGERSTRŒMIA PARVIFLORA, from Supdt., Botanical Gardens, Saharanpur.
LAWSONIA ALBA (leaves), from Government of India, Calcutta.

LAWSONIA ALBA, from Marpalli, Rajputana.
" " Government of India, Cawnpore.
" (leaves), from Supdt, Botanical Gardens, Saharanpur.
LIME, from Government of India, Cawnpore.
Malaingnive (unidentified), from Forest Department, Pegu Circle, Burma.
MALLOTUS PHILIPPINENSIS, from Government of India, Calcutta.
" " " Darjeeling.
" " " Calcutta.
" " Forest Department, Madras. Gumsur.
" " Government of India, Cawnpore.
" " Collector, Bhagalpur.
MANGIFERA INDICA (bark), from Government of India, Cawnpore.
" (dried fruit), from " Calcutta.
" (leaves), " " "
" (bark), " " "
" ("). " Supdt., Botanical Gardens, Saharanpur.
" (rind of fruit), " " "
MELANORRHŒA USITATA, from Forest Department, Pegu Circle, Burma.
MELIA AZEDARACH (leaves), from Government of India, Calcutta.
" from Superintendent, Botanical Gardens, Saharanpur.
MEMECYLON TINCTORIUM, from Forest Department, Madras, Southern Circle.
MESUA FERREA (flower), from Government of India, Calcutta.
MIMUSOPS ELENGI, " "
" " Superintendent, Botanical Gardens, Saharanpur.
Mohabari bach, from Government of India, Calcutta.
MORINDA CITRIFOLIA, from Forest Department, Madras, Southern Circle.
MORINDA BRACTEARA, " " Bengal Tista.
MORINDA CITRIFOLIA (Darjeeling), from Government of India, Calcutta.
" from South Madras.
" " Alwar, Rajputana.
" " Forest Department, Bengal, Kurseong.
" " " Madras, Coimbatore.
" " " Orissa.
" " Government of India, Cawnpore.
MORINDA LANCEOLATA, from Forest Department, Bengal, Buxa.
MORINDA TINCTORIA (root, bark), from Forest Department, Assam, Sibsagar.
" (root, small), J. B. Fuller, Esq., Nagpur.
" (root), from Government of India, Calcutta.
" (root, large), from J. B. Fuller, Esq., Nagpur.
" (1st quality), from Government of India, Calcutta.
" from Superintendent, Government Farm, Cawnpore.
" (2nd quality), from Government of India, Cawnpore.
" from Jabalpur, through Agri. Dept., Centl. Provcs.
" (1st quality), " "
" (root), from Narsingpur " "
" from Forest Department, Madras, Gumsur.
" " Government of India, Darjeeling.
" " Forest Department, Madras, Cuddapa.
MORINDA SP., from Forest Department, Bengal, Kurseong.
MORINGA PTERYGOSPERMA (bark), from Government of India, Calcutta.
" from Forest Department, Assam, Goalpara.
MORUS ALBA AND NIGRA, from Government of India, Cawnpore.
MUSA PARADISIACA, " " Calcutta.
MYRICA SAPIDA, " "
" (bark), from Babu Amba Datt Joshi, Almora.
NYCTANTHES ARBOR-TRISTIS, from Government of India, Calcutta.
" " " Cawnpore.
" " Supdt., Botanical Gardens, Saharanpur.
" " " Government Farm, Cawnpore.

NYCTANTHES ARBOR-TRISTIS, (leaves), from Forest Department, Burma, Pegu.
" (flower), " " " "
" (root), " " " (four exhibits).
" from Babu Amba Datt Joshi, Almora.
" " Alwar, Rajputana.
OCHRE, from Forest Department, Orissa Division.
" (red), from Government of India, Calcutta.
" " Cawnpore.
" (yellow), " " "
" (red), " " "
" (yellow), " " "
" (red), " Forest Department, Bengal, Singbhum.
ODINA WODIER (bark), from Government of India, Calcutta.
OLDENLANDIA UMBELLATA, from Forest Department, Madras, South Arcot.
OUGEINIA DALBERGOIDES (bark), from Government of India, Calcutta.
ONOSMA ECHIOIDES, " "
PARMELIA KAMTSCHADALIS, from Bahraich, N.-W. Provinces.
" " Forest Department, Kumaun.
Patanga, from Forest Department, Kurseong.
Pasuga, " " Madras, Southern Circle.
PINUS LONGIFOLIA, from Government of India, Calcutta, (two exhibits).
" " " Cawnpore.
" (bark and leaves), from Forest Department, Ranikhet.
Piori or INDIAN YELLOW, from Government of India, Calcutta.
Piori (yellow), " " "
PIPER CHABA, " " "
PIPECLAY (white), from Forest Department, Orissa.
PISTACIA INTEGERRIMA, from Government of India, Calcutta.
POTASSIE NITRAS " " "
PSIDIUM GUAVA (leaves), " " "
" (bark), " " "
PTEROCARPUS MARSUPIUM, " " "
PTEROCARPUS SANTALINUS, from Government of India, Calcutta.
" " Forest Department, Madras, Cuddapa.
PUNICA GRANATUM, from Government of India, Calcutta, (two exhibits).
" (rind), from Superintendent, Botanical Gardens, Saharanpur.
" (rind), " Forest Department, Chaubattia, Ranikhet.
" from Babu Amba Datt Joshi, Almora.
QUERCUS ANNULATA, " " "
QUERCUS ILEX, from Forest Department, Punjab.
QUERCUS INCANA, from Babu Amba Datt Joshi, Almora.
QUERCUS INFECTORIA, from Government of India, Calcutta.
" " " Cawnpore.
QUERCUS LAMELLOSA (bark), from Forest Department, Darjiling.
" (fruit), " " "
RANDIA DUMETORUM, from Government of India, Calcutta (two exhibits).
Rangket, from Local Committee, Chittagong.
RED COLOUR, for making lac ornaments, by Manihar, No. 1, Cawnpore.
" " " No. 2, "
RED EARTH, from Government of India, Calcutta.
RHEUM EMODI, " "
ROCCELLA MONTAIGNEI, from Forest Department, Madras, Nellore.
Roli, from Babu Amba Datt Joshi, Almora.
ROTTLERA TINCTORIA, from Madras, Southern Circle.
RUBIA CORDIFOLIA, from Government of India, Calcutta.
" (var. Cawnpore), from Government of India, Calcutta.
" from Bahraich, through Agri. Dept., N.-W. P.
" " Government of India, Calcutta.
" (twigs), from Forest Department, Madras, Nilgiris.

RUBIA CORDIFOLIA, from Pilibhit, through Agricultural Department.
" " Local Committee, Malda.
" " Babu Amba Datt Joshi, Almora.
" " L. Liotard Esq., Revenue and Agricultural Department.
Sailaj, " Government of India, Calcutta.
" " " Cawnpore.
Saji mati, " " "
Salmato, " " Babu Amba Datt Joshi, Almora.
SALT, " " " "
SALT (black), " " " Calcutta.
SALT MARSH (shrub, bark), from Forest Department, South Arcot.
" ("), " " "
SAPINDUS DETERGENS, from Pilibhit, through Agri. Dept., N.-W. P.
" " Government of India, Calcutta.
" " Bahraich, through Agri. Dept., N.-W. P.
" " Superintendent, Botanical Gardens, Saharanpur.
SAPINDUS EMARGINATUS, from Forest Department, Madras, Nellore.
Saugan, LEAVES, " " Bengal, Buxa.
SEMECARPUS ANACARDIUM, from Government of India, Calcutta.
" " Forest Department, Madras, South Circle.
" " " " Coimbatore.
Shora, from Local Committee, Malda.
" " Government of India, Cawnpore.
SHOREA ROBUSTA (gum), from Superintendent, Botanical Gardens, Saharanpur.
Sona chhal, from Government of India, Calcutta.
SOYMIDA FEBRIFUGA, from Forest Department, Madras, Cuddapa.
" " " Central Provinces, Betul.
" " " Madras, North Arcot.
STRYCHNOS NUX-VOMICA, from Government of India, Calcutta.
SYMPLOCOS CRATÆGOIDES (bark & leaves), from Forest Department, Ranikhet.
" ("), " Amba Datt Joshi, (two exhibits).
SYMPLOCOS RACEMOSA, from Bahraich.
" " Local Committee, Maldah.
" " Forest Department, Assam, Sibsagar.
" " Government of India, Calcutta.
SYMPLOCOS RACEMOSA (leaves), from Government of India, Calcutta.
" " " Cawnpore.
" " " Calcutta.
TAMARIX DIOICA, " " " (two exhibits).
TAMARINDUS INDICA, " " "
" (khor), " " "
TECTONA GRANDIS, from Pilibhit, through Agricultural Department, N.-W. P.
" (leaves), from Forest Department, Burma, Pegu.
TERMINALIA ARJUNA, (bark), from Government of India, Calcutta.
TERMINALIA BELERICA, from " "
" " Forest Department, Central Provinces, Betul.
" " " Madras, South Canara.
" " " Orissa.
" " Government of India, Cawnpore (two exhibits).
" (bark, leaves, and fruit), from Ranikhet Forest.
TERMINALIA CATAPPA (bark), from Government of India, Calcutta.
" (leaves), " " "
TERMINALIA CHEBULA, " " " (three exhibits).
" (bark), " Forest Department, Bengal, Buxa.
" " " Madras, Southern Circle.
" " " South Arcot.
" " " Assam, Lakhimpur.
" " "
" " " Orissa.

TERMINALIA CHEBULA, from Government of India, Cawnpore.
" (bark), " " "
" from Forest Department, Madras, Cuddapa.
" " " " South Arcot.
" " " " Malabar.
" (bark, and fruit), from Forest Department, Ranikhet.
TERMINALIA CITRINA (dried fruit), from Forest Department, Darjeeling.
" " " "
TERMINALIA PANICULATA (bark), " " South Canara.
TERMINALIA TOMENTOSA " " Darjeeling.
" " " South Canara.
THESPESIA POPULNEA, from Government of India, Calcutta.
TRIGONELLA FŒNUM-GRÆCUM, from " "
Vembadam (unidentified), from Forest Department, Madras, Southern Circle.
VENTILAGO MADRASPATANA (bark), from Government of India, Calcutta.
" from Forest Department, Madras, Southern Circle.
" " " Coimbatore.
" " " Cuddapa (two exhibits).
VERDIGRIS, from Government of India, Calcutta.
" " " Cawnpore.
WHITE EARTH, " " Calcutta.
WOODFORDIA FLORIBUNDA, from Government of India, Calcutta.
" (leaves), from " "
" " " "
" from " " Cawnpore (two exhibits).
" " Forest Department, Central Provinces, Betul.
" (flower), from Babu Amba Datt Joshi.
" ("), " Superintendent, Cawnpore.
" (leaves and branches), "
WRIGHTIA TINCTORIA, from Forest Department, Madras, Southern Circle.
" " " Orissa Division.
" " Government of India, Calcutta.
" " " Cawnpore.
" " Forest Department, N. Circle, Madras, Cuddapa.
YELLOW ARSENIC, from Government of India, Calcutta.
" " " Cawnpore.
YELLOW COLOUR (for making lac ornaments), from Cawnpore.
YELLOW EARTH, from Government of India, Calcutta.
ZIZYPHUS JUJUBA, " "
" (bark), from Babu Amba Datt Joshi, Almora.
" ("), " Government of India.

XII.—GUMS AND RESINS.

ACACIA ARABICA, from Alwar State (two exhibits).
" " Government of India, Calcutta.
" " Forest Department, Madras, Southern Circle.
" " " South Arcot (two exhibits).
ACACIA CATECHU, from Government of India, Calcutta.
" " Forest Department, Madras, South Canara.
" (extract), from Superintendent, Government Farm, Cawnpore.
ACACIA LEUCOPHLŒA, from Forest Department, Madras, Southern Circle.
ACACIA SPECIOSA, " " "
ÆGLE MARMELOS, " " Godavari.
AILANTHUS EXCELSA, " " Southern Circle.

ALBIZZIA ODORATISSIMA, from Forest Department, Madras, Southern Circle.
ANACARDIUM OCCIDENTALE, from ,, South Canara.
ANOGEISSUS LATIFOLIA, ,, ,, ,,
,, ,, ,, Northern Circle.
,, ,, ,, Central Provinces, Betul.
ASTRAGALUS LAMOSUS, from Government of India, Calcutta.
AZADIRACHTA INDICA, ,, Forest Department, Madras, Southern Circle.
,, ,, ,, ,, South Arcot.
BOMBAX MALABARICUM, from Government of India, Calcutta.
BUCHANANIA ANGUSTIFOLIA, from Forest Department, Madras, Northern Circle.
COCCUS LACCA (lac), from Forest Department, Assam, Darrang, and Nowgong.
CANARIUM STRICTUM (black dammer), from Forest Department, Malabar.
,, (,,), ,, ,, Southern Circle.
CASSIA FISTULA, ,, ,, ,,
COCHLOSPERMUM GOSSYPIUM, from Government Farm, Cawnpore.
Dhasta, from Forest Department, Bengal, Singbhum,
Dhuna, ,, ,, Assam, Lakhimpur.
Doka, from Forest Department, Bengal, Singbhum.
FERONIA ELEPHANTUM, from Forest Dept., Madras, Southern Circle.
FERULA NARTHEX, from Government of India, Calcutta.
FICUS ELASTICA (India-rubber, unboiled), from Forest Dept., Darrang.
,, (,, boiled), ,, ,, ,,
GARCINIA MORELLA (gamboge), from Government of India, Calcutta.
GARCINIA KYDIA, from Forest Department, Pegu Circle.
Guggul, from Forest Department, Bengal, Tista.
HARDWICKIA BINATA, from Forest Dept., Madras, Southern Circle.
HOPEA ODORATA, ,, ,, Burma, Tenasserim.
INDIA-RUBBER, ,, ,, Assam, Sibsagar.
Kamboli pishin ,, ,, Madras, Coimbatore.
Kudru, from Government of India, Calcutta.
MELIA INDICA, from Forest Department, Madras, Cuddapa.
MORINGA PTERYGOSPERMA, from Government of India, Calcutta.
,, ,, Forest Dept., Madras, S. Circle.
PINAGA GRACILIS, from Forest Department, Pegu Circle.
PINUS KHASYANA, ,, ,, Assam.
PINUS LONGIFOLIA, from Government of India, Calcutta.
PISTACIA LENTISCUS, ,, ,, ,,
PTEROCARPUS MARSUPIUM, from Forest Dept., Madras, S. Circle.
SAPINDUS DETERGENS, from Government of India, Calcutta.
SAPINDUS EMARGINATUS, from Forest Dept., Madras, Southern Circle.
SEMECARPUS ANACARDIUM, ,, ,, ,, ,,
SHOREA ROBUSTA, from Government of India, Calcutta.
,, ,, Forest Dept., Madras, Gumsur.
,, ,, ,, Bengal, Buxa.
,, ,, ,, Madras, Southern Circle.
,, ,, ,, Orissa.
,, ,, Pilibhit, through Agri. Dept, N.-W. P.
STERCULIA UREN, from Forest Dept., Cent. Provs., Hoshangabad.
TERMINALIA ARJUNA, ,, ,, Madras, Southern Circle.
TERMINALIA BELERICA ,, Pilibhit, through Agri Dept, N.-W. P.
TERMINALIA CHEBULA, ,, Director, Dept. of Agri. and Commerce.
URCEOLA ESCULENTA (India-rubber), from Forest Dept., Tenasserim.
Velam (gum), from Forest Department, Madras, Coimbatore.
VATERIA INDICA, ,, ,, ,, South Canara.
,, ,, ,, ,, Southern Circle.
,, (white dammer), from Forest Department, Malabar.
WODINA ODIER, from Government of India, Calcutta.
,, ,, Forest Department, Moulmein.
ZIZYPHUS GLABRATA, from Forest Dept., Madras, Southern Circle.

XIII.—FIBRES.

ABUTILON INDICUM, from Government of India, Calcutta.
ABUTILON MUTICUM, ,, Supdt., Botanical Gardens, Saharanpur.
ACACIA ARABICA, ,, Government of India, Calcutta.
ACALYPHA INDICA, ,, ,, ,,
ÆSCHYNOMENE ASPERA, from ,, ,,
ESCHYNOMENE ASPERA, from Local Committee, Cuttack.
AGAVE AMERICANA, ,, Forest Dept., Madras, Southern Circle.
,, ,, ,, ,, Nellore.
,, ,, ,, Supdt., Botanical Gardens, Saharanpur.
,, ,, ,, Deputy Commissioner, Lohardaga.
,, ,, ,, Government of India, Calcutta.
AGAVE VIVIPARA, ,, ,, ,, ,,
,, ,, Supdt., Botanical Gardens, Saharanpur.
ALOE INDICA, ,, ,, ,, ,,
,, ,, ,, Govt. Farm, Cawnpore.
ALOE VULGARIS, ,, Forest Dept., Madras, Southern Circle.
AMBODI, var. (Taluka Nagar), from Ex. Committee, Ahmadnagar.
Ami, ,, ,, ,,
Anaidindu kodi, ,, ,, ,,
ANANASSA SATIVA, from Government of India, Calcutta.
ANONA RETICULATA, ,, ,, ,, (two exhibits).
ANONA SQUAMOSA, ,, ,, ,,
ANTIARIS INVONIA, ,, ,, Nilgiris.
Ardvamukhu, from Forest Department, Madras, S. Circle.
ARECA CATECHU, from Government of India, Calcutta.
ARENGA SACCHARIFERA, from Forest Department, Burma, Pegu.
ARTEMISIA VULGARIS, (var. Indica), from Govt. of India, Calcutta.
ARUNDINACEA DENDROCARPUS (leaves), from Forest Dept., Punjab.
,, (root and stem), from ,,
ARUNDINARIA FALCATA, from Babu Amba Datt Joshi, Almora.
,, ,, Supdt., Botanical Gardens, Saharanpur.
ARUNDO KARKA, ,, Babu Amba Datt Joshi, Almora.
Attinar coir, ,, Forest Dept., Madras, Coimbatore.
Babui, from Deputy Commissioner, Manbhum.
Bail grass, from Pilibhit, through Agri. Dept., N.-W. P.
Bakela, from Babu Ajodhya Prasad, Indalpur.
BALANITES ROXBURGHII, from Forest Dept,, C. P., Hoshangabad.
BAMBUSA ARUNDINACEA, ,, Babu Amba Datt Joshi, Almora.
,, ,, Forest Department, Darjeeling.
,, (var. *Jaoa*), from Govt. of India, Calcutta.
,, (var. *pat*), ,, ,,
,, cover (var. *Jahli*), ,, ,,
,, (var. *Valko*), ,, ,,
,, (var. *Talda*), ,, ,,
,, (var. *Banshini*), ,, ,,
,, (*Bhalko* branch), ,, ,,
,, (*Talda* branch), ,, ,,
,, (var. Banshini branch), ,, ,,
,, (*Jaoa* branch), ,, ,,
,, (pulp), from Forest Dept., Madras, Malabar.
,, from Forest Department, Kurseong (four exhibits).
,, (var. Jhence), from Forest Dept., Mandla (two exhibits).
,, (var. ghinja), ,, ,, ,,
,, (var. ghinja), from Forest Dept., Mandla (three exhibits).
,, ,, ,, Ramnagur (six exhibits).

BAMBUSA ARUNDINACEA (var. ghinja), from Forest Dept., Gumsur, Madras (three exhibits).
BAMBUSA BRANDISII, " " Pegu, Burma (two exhibits).
BAMBUSA AFFINIS, " " "
BAMBUSA POLYMORPHA, " " "
" " " Pegu Circle.
BAMBUSA TULDA, " " " (two exhibits).
Baraira (Sida sp.), from Raja Kristendra Ray, Rajshahi (nine exhibits).
" " Babu Lachman Prasad, Bundelkhand.
BAUHINIA SP. (chop bark), from Assistant Commissioner, Hazaribagh.
BAUHINIA RACEMOSA, from Forest Department, Madras, Southern Circle.
" " " North Arcot.
" " Government of India.
" " Forest Department, Central Provinces.
" " " Betul.
BAUHINIA TOMENTOSA, from Government of India.
BAUHINIA VAHLII, " " (three exhibits).
" " Forest Department, N.-W. Provinces, Ranikhet.
" " " Madras, Godavari.
" " Superintendent, Botanical Gardens, Saharanpur.
" " Forest Department, Central Provinces.
" " Babu Amba Dutt Joshi, Almora.
" " J. W. Whymper, Esq., Dehra Dun (six exhibits).
Beri, from Babu Lachman Prasad, Bundelkhand.
BETULA BHOJPATTRA, from Government of India.
" " Nepal, through Agri. Dept., N.-W. Provinces.
" " Babu Amba Dutt Joshi, Almora.
Bewel, from A. Parsons, Esq., Simla.
Bhabur grass, from Forest Department, Kumaun.
Bhindi, from Babu Lachman Prasad, Bundelkhand.
BŒHMERIA NIVEA, from Rungpur District Committee.
" " Government of India, Calcutta.
" " Forest Department, Assam.
" " Supdt., Botanical Gardens, Saharanpur.
Boirali plant, " Forest Department, Goalpara, Assam.
BOMBAX MALABARICUM, from Forest Dept., Central Provinces, Nagpur.
" " Government of India, Calcutta.
" " Babu Amba Datt Joshi, Almora.
" " Forest Department, Central Provinces, Betul.
" " " Assam, Lakhimpur.
" (pod), from Babu Amba Datt Joshi, Almora.
" from Forest Department, Pegu Circle, Rangoon.
BORASSUS FLABELLIFORMIS, from Forest Department, Madras, South Circle.
" " " " Nellore.
Bonkukra, " " " Goalpara, Assam.
BROUSSONETIA PAPYRIFERA, from Supdt., Botanical Gardens, Saharanpur.
" (bark), from Forest Department, Moulmein.
BUTEA FRONDOSA, from Government of India.
" " Babu Lachman Prasad, Bundelkhand.
" " Forest Department, Central Provinces, Nagpur.
" (rope), from " " Betul.
CADAR'S MAT, from Forest Department, Madras, South Coimbatore.
CALAMUS ERECTUS, from Forest Department, Burma, Tennaserim.
CALAMUS FASCICULATUS, " " " Pegu.
CALAMUS GARUBA, " " " "
CALAMUS LATIFOLIUS, " " " "
CALAMUS ROTANG, " Local Committee, Chittagong.
CALAMUS TIGONUS, " " "

CALOTROPIS GIGANTEA, " Forest Department, Madras, Southern Circle.
" " " South Arcot.
" " " South Coimbatore.
" " " Northern Circle.
" (cotton), from Government of India.
" from L. Liotard, Esq., Rev. & Agricultural Department.
" " Forest Dept., Central Provinces, Nagpur.
" " Government of India.
CALOTROPIS PROCERA, from Forest Department, Ranikhet.
CANABIS SATIVA, from Babu Amba Datt Joshi, Almora.
" " Government of India.
" " Superintendent, Botanical Gardens, Saharanpur (*two exhibits*).
" " Pilibhit, through Agri. Dept., N.-W. Provinces.
" (string), from Pilibhit, through Agri. Dept., N.-W. Provinces.
" from A. Parsons, Esq, Simla.
" " Forest Department, Ranikhet.
" " J. W. Whymper, Esq., Dehra Dun, N.-W. P. (*four exhibits*).
CAREYA ARBOREA, from Government of India.
" " Forest Department, Darjeeling.
" " " " Madras, Coimbatore.
" (rope), " " Central Provinces, Betul.
" " " " Madras, Karnul.
" from Supdt., Botanical Gardens, Saharanpur.
" " Forest Department, Central Provinces.
CAVALLIUM URENS, from " Madras, Northern Circle.
CEPHALOSTACHYUM CAPITATUM, from Forest Department, Burma.
" " " " " Rangoon.
Che grass, from Forest Department, Bengal, Buxa.
Chilmiti, " Bundlekhand, through Babu Lachman Prasad.
Chittacha, " Forest Dept., Madras, Southern Circle.
Chope bark " " Bengal, Singbhum.
Chumnuni, " Bundelkhand, through Babu Lachman Prasad.
COCHLOSPERMUM GOSSYPIUM, Forest Department, Godavari.
COCOS NUCIFERA, from Forest Dept., Madras, Southern Circle.
" " " " " " Bellary
" (fibre), from Government of India, Calcutta.
CORCHORUS OLITORIUS (*desi*, unclean), from Government of India.
" (*desi*, clean) " " "
" from Alwar, Rajputana.
" (rope), from Alwar, Rajputana.
" (Tippera, best), from Bagola Nand Mukharji.
" from Jabalpur, through Agri. Dept., C. P.
" " Officer in charge, British Burma Exhibits.
" " a Shan named Maing Anig.
" (Kyoukton jute), from Mr. Cabannis, Burma.
" (Tusein jute), from Mr. Hough, Burma.
" from Mr. Batten, British Burma.
" prepared by a Shan named Wonet Choung.
" from the Paniket Reformatory.
" " Babu Madan Mohan Basak, Dacca,
" " Officer in charge, British Burma Exhibits.
" (Tippera, inferior), from Bagola Nand Mukharji.
" from Babu Mahendra Nath Bhattacharjya.
" (thread), from " " "
" from Babu Nanda Lall Banerji, Behar.
CORDIA ANGUSTIFOLIA, from Forest Dept., Madras, Southern Circle,
CORDIA GRANDIS, " " Northern Circle.
CORDIA MYXA, " " " "
" " " Central Provinces, Nagpur.

CORDIA MYXA, from Forest Dept., Madras, Madras, N.-W. P., Ranikhet.
" " " " Pegu Circle, Rangoon.
CORDIA SP. " " " "
CORYLUS COLURNA, from Babu Amba Datt Joshi, Almora.
CROTALARIA JUNCEA (unclean), from Government of India, Calcutta.
" " ("), " " Cawnpore.
" " (clean), " " "
" " ("), " " Calcutta.
" " " Alwar, Rajputana (two exhibits).
" " Forest Department, Madras, Southern Circle.
" (clean) from Government of India, Cawnpore (two exhibits).
" (rope), " " " (two exhibits).
" from Supdt., Botanical Gardens, Saharanpur (two exhibits).
" " Narsingpur, through Agri. Dept., C. P.
" " H. Farren, Esq., Sirajganj.
" " Babu Mahendra Nath Bhattacharjya.
" (thread), from " "
" from Babu Nanda Lall Banerji, Behar.
" " Bundelkhand, through Babu Lachman Prasad (two exhibits).
CYPERUS SP. (red dyed), from Forest Department, Madras, Malabar.
" (black, dyed " "
" (plain), " "
DAPHNE MUCRONATA (bark), from " Punjab.
" (leaves), " "
DAPHNE PAPYRACEA, from Babu Amba Datt Joshi, Almora.
" " Forest Dept., N.-W. P., Ranikhet.
" (yellow fibre), from Forest Dept., Bengal, Buxa.
" (bark), " "
" from Government of India, Calcutta,
" (paper material), from Babu Amba Datt Joshi, Almora.
DATE FIBRE, from Forest Department, Nellore, Madras.
DEBREGEASIA BICOLOR (fibre), from Forest Dept., N.-W. P., Ranikhet,
" (grass), " " (two exhibits).
" from Babu Amba Datt Joshi, Almora.
DENDROCALAMUS HAMILTONII, from Forest Dept., Bengal, Darjeeling.
DENDROCALAMUS LONGISPATIN, " Burma, Pegu.
DENDROCALAMUS MEMBRANACEUS, from " "
DENDROCALAMUS STRICTUS, from Forest Dept., Gumsur, Madras (three exhibits).
DINOCHLOA MACLELLANDII " Pegu Circle, Rangoon.
DISCHROSTACHYS CINEREA, " Madras.
" " Coimbatore.
Dor (rope), from Government of India, Cawnpore.
ERAGROSTIS CYNOSUROIDES, from Supdt., Botl. Gardens, Saharanpur.
ERIOPHORUM COMOSUM, from Babu Amba Datt Joshi, Almora (two exhibits).
ERIOLÆNA HOOKERIANA, from Forest Department, Berar.
ERIOLÆNA CANDOLLI, from Forest Department, Pegu Circle, Rangoon.
Erukala, from Forest Department, Pegu Circle, South Coimbatore.
FICUS SP., Forest Department Madras Coimbator.
" " " " " Northern Circle.
" (fine " " " Malabar.
" (rough), " " Malabar.
FICUS INDICA, " " Southern Circle.
" " " " Northern Circle.
" from Forest Department, Central Provinces, Nagpur.
FICUS INFECTORIA, from Forest Department, Chaubattia, Ranikhet Division.
" " Superintendent, Botanical Gardens, Saharanpur.
" " Government of India, Calcutta.
FICUS GLEMNATA, " Forest Department, Madras, Northern Circle.
FICUS TOMENTOSA, " " " "

FICUS TSIELA, from Forest Department, North Arcot.
" " " Northern Circle.
FOURCROYA GIGANTEA, from Superintendent, Botanical Gardens, Saharanpur.
" " Government of India, Calcutta.
Garwal, from Forest Department, Assam, Goalpara.
GEBBARA LANUGINOSA (leaves), from Forest Department, Ranikhet.
" from Babu Amba Datt Joshi, Almora.
GIGANTOCHLOA AURICULATA, from Forest Department, Burma, Pegu.
" " " Pegu Circle, Rangoon.
GIRARDINIA HETEROPHYLLA, " " N.-W. P., Ranikhet.
" " Babu Amba Datt Joshi, Almora (two exhibits).
" " Forest Department, N.-W. P., Ranikhet.
Gookhiæ koroi, " " Assam, Lakhimpur.
Gorokhia, " " " "
GOSSYPIUM HERBACEUM (Rain jari), from Agri. Department, Central Provinces.
" (Bani), " " "
" (cleaned), " Jabalpur, through "
" (*uncleaned*), " " " "
" (1st quality), from Marpalli, Rajputana.
" (2nd "), " " "
" (Nankin), from Botanical Gardens, Saharanpur.
" (New Orleans) " "
" (plant), " "
" (Upland Georgian), " "
" (*country*), " "
" (common), " "
" (Egyptian), " "
" (Garo hills), " "
" (Hinganghat), " "
" (Bani), from Government of India, Calcutta.
" (Nankin), " " "
" (rope), " " Cawnpore.
" (clean), var. Taluka Shreegondo, from Exhibition Committee, Ahmadnagar.
" (unclean), var. Taluka *Newasa, from* " *(two exhibits).*
" (Nankin), from Local Committee, Chittagong.
" " Abdul Rohon, Sibsagar.
" from Government Farm, Haidrabad, Sind.
" (*Kulpahar*), from Government of India, Cawnpore.
" (*Rath*), " " "
" (New Orleans), " " "
" (*Desi*), " " "
" (Meerut), " " "
" (Upland Georgian), " "
" from Deputy Commissioner, Garo Hills.
" (Duah), from Supdt, Govt. Farm, Cawnpore.
" (*Kulpahar*), " "
" (New Orleans), " "
" (Upland Georgian), " "
" (Nankin), " "
" from Alwar, Rajputana.
" (undressed), from Alwar, Rajputana.
" (seed), " "
" (Nankin), from Civil Jail, Coimbatore.
" (Nankin cloth), from "
" ("), " *Civil Jail, Saidapet.*
" (Yea valley cotton), from Mr. Subharas, Saidapet.
" (Nankin cloth), from Govt. Farm, Haidrabad, Sind.
" ("), " Agri. Dept., Central Provinces.

GOSSYPIUM HERBACEUM (Nankin), from Agri. Dept., Central Provinces.
" (raw), " Khasia and Jaintea hills.
" (with seed), " "
" from Kotah, Rajputana.
" (Garo hills), from Botanical Gardens, Saharanpur.
GREWIA CAFICATA, " " "
GREWIA LATIFOLIA, from Forest Dept., Madras, Godavari.
GREWIA OPPOSITIFOLIA, from Forest Dept., N.-W. P., Ranikhet.
" " Supdt., Botanical Gardens, Saharanpur.
" (plant), from Forest Dept., Ranikhet, N.-W. P.
" from Supdt., Botanical Gardens, Saharanpur.
" " Forest Dept., Northern Circle, Madras.
GREWIA TILIÆFOLIA, from Forest Department, N.-W. P., Ranikhet.
" " " Central Provinces.
" " " Madras, Coimbatore.
" (rope), from Forest Dept., Central Provs., Betul.
GUATTERIA LONGIFOLIA, from Supdt., Botanical Gardens, Saharanpur.
Gulahi, from Bundelkhand, through Babu Lachman Prasad.
Gundichi, from Forest Department, Madras, Southern Circle.
Hamphak, " Government of India.
HARDWICKIA BINATA, from Government of India.
" " Forest Dept., Madras, Southern Circle, (two exhibits)
" " " " Coimbatore, (two exhibits).
" " " " South Arcot.
" " " " Northern Circle.
" (inner bark), from Forest Department, Bellary.
" (bark), " " Hoshangabad.
" " " Central Provinces.
Harrana (unidentified), with branch, from Babu Ajodhya Prasad.
Hatichingar, from Babu Lachman Prasad.
HELICTERES ISORA, from Government of India.
" " Forest Department, Madras, Coimbatore.
" " " Northern Circle.
" (rope), from " Central Provinces, Betul.
" " " Central Provinces.
" (stem), " Babu Ajodhya Prasad, Indalpur.
HEMP CLOTH, from Babu Amba Datt Joshi, Almora.
HEMP ROPE, " " "
HIBISCUS ABELMOSCHUS, from Government of India.
" " Forest Department, Moulmein (two exhibits).
HIBISCUS CANNABINUS, from Government of India, Calcutta (two exhibits).
" " Forest Dept., Madras, Southern Circle.
" " L. Liotard, Esq., Rev. and Agri. Dept.
" " Supdt., Botl. Gardens, Saharanpur (three exhibits).
" " Babu M. N. Bhattacharjya, Bogra.
HIBISCUS SP., from Officer in charge of British Burma Exhibits.
" " Forest Department, Pegu Circle.
HIBISCUS ESCULENTUS, from Government of India, Calcutta.
" (clean) from " "
" from " Cawnpore.
" " Supdt., Botanical Gardens, Saharanpur.
" " Government of India, Calcutta.
" " " Cawnpore.
" " " Calcutta.
" " Forest Department, N.-W. P., Ranikhet.
" " Babu Amba Datt Joshi, Almora.
" " Forest Dept., Madras, Southern Circle.
HIBISCUS MUTABILIS, " Government of India, Calcutta (two exhibits).
HIBISCUS ROSA-SINENSIS, from " "

HIBISCUS SABDARIFFA, from Deputy Commissioner, Lohardugga.
HIBISCUS TILIACEUS, " Government of India.
" " Forest Department, Burma, Pegu.
" " " Sundarbans.
ICHNOCARPUS FRUTESCENS, " " Ranikhet.
Kadarmoram, " Forest Department, Coimbatore.
Kagoti bark (white), " " Bengal, Buxa.
" (fibre), " " "
Kakorhuta (unindentified), from Forest Dept., Assam, Lakhimpur (two exhibits).
Kalichi, from Forest Department, Madras, Southern Circle.
Kamhyem, from Central Provinces, Hoshangabad,
Kapasi from Babu Amba Datt Joshi, Almora.
Karachinor (coir), from Forest Department, Madras, Coimbatore.
Karxindoo, Forest Department, Madras, Southern Circle.
Kesia ghas, from Government of India, Calcutta.
Khakirus, from L. Liotard, Esq., Rev. and Agri. Dept.
Khilkra (*Oman Arabia*), from Patna.
Kiaful, from Government of India, Garo Hills.
" " Forest Department, Assam, Garo Hills.
" " Government of India, Calcutta.
Kole paru, from Forest Department, Madras, South Canara.
Kathu Kovai, " " " Southern Circle.
Kachni pat, " Babu Mahendra Nath Bhattacharjya, Bogra.
Kakohi, from Babu Lachman Prasad.
KYDIA CALYCINA, from Forest Department, Madras, Northern Circle.
" (bark) from Forest Department, Ranikhet.
" from Forest Department, Pegu Circle.
Kyinki " " Central Provcs., Hoshangabad.
Labhera, from Babu Lachman Prasad.
Latia, from Government of India, Cawnpore.
" (rope), from " "
LICUALA PELTATA, from Forest Department, Assam, Kamrup.
Lingji bark, " " Hoshangabad.
LINUM USITATISSIMUM (rope), from Government of India, Cawnpore (two exhibits).
" from Deputy Commissioner of Lohardaga.
" " Supdt., Botanical Gardens, Saharanpur.
LIVISTONA JENKINSIANA, from Forest Dept., Assam, Kamrup.
MALACHRA CAPITATA, from Government of India.
" " Government Farm, Khandesh.
MALAINGUINE (bark), " Forest Department, Burma, Pegu.
MAONTIA PUYA, " " Bengal, Darjeeling.
Marail creeper, " " " Buxa.
" (fibre), " " " "
MARSDENIA TENACISSIMA, from J. W. Whymper, Esq., Dehra-Dun, N.-W. P.
MARSDENIA ROYLEI, from Babu Amba Datt Joshi, Almora.
" (leaves), from " "
" (bark), " Forest Dept., N.-W. P., Ranikhet.
MATTING GRASS " " Assam, Sibsagar.
MELOCANNA BAMBUSOIDES, " " Burma, Pegu.
Mornath creeper, " " Assam, Goalpara.
MORINGA PTERYGOSPERMA, from Government of India, Calcutta (two exhibits).
MORUS INDICA, from Supdt., Botanical Gardens, Saharanpur.
Mosapunda, " Forest Department, Madras, Southern Circle.
Motha, " " Lakhimpur, Assam.
Mulananji, " " Madras, South Coimbatore.
MUSA ORNATA, " " Nilgiris.
" " Babu Lachman Prasad (three exhibits).
" (part of stem), from Forest Department, Ranikhet.
" from Government of India, Calcutta.

MUSA ORNATA (cultivated), from Forest Dept., Malabar.
" " " " Southern Circle.
" " " Botanical Gardens, Saharanpur.
MUSA SP. (rock plantain), from Forest Dept, Madras, Malabar.
" (wild), " " "
MUSA TEXTILIS, from Government of India, Calcutta.
Naharu (stalk) " Babu Ajodhya Prasad, Indalpur.
Nal reed, from Forest Department, Assam, Goalpara.
OCIMUM PILOSUM* (fine, light), from W. Bowstead, Esq., Bhagalpur.
" (dark), " " "
" (stalks), " " "
" (string), " " "
Odal (bark), from Forest Department, Bengal, Tista.
ODINA WODIER, " " Madras, Northern Circle.
" " " Burma, Pegu,
" " " Central Provinces, Nagpur.
Elai, " " Madras, Southern Circle.
Olak, " " Garo Hills, Assam.
Omak, from Government of India, Garo Hills.
OMBAK MALABARICA, from Forest Dept,, Centl. Provcs., Hoshangabad.
OPUNTIA DILLENII, " " N.-W. P., Ranikhet.
ORTHANTHERA VIMINEA, " Central Provinces.
Osta (fibre), " " Orissa.
OXYTENANTHERA OLBOCILIATA, from Forest Dept., Pegu Circle.
Pakram, " " Garo Hills.
PANDANUS ODORATISSIMUS, " " Madras, Nellore.
" " Government of India, Calcutta.
Palas, from Deputy Commissioner, Manbhum.
Paparh, from Babu Amba Datt Joshi, Almora.
PAPER MATERIALS, from Local Committee, Cuttack.
Pat san, from Pilibhit, through Agricultural Department, N.-W. P.
PAVONIA ODORATA, from Forest Dept., Madras, Southern Circle.
PHŒNIX FARINIFERA, from " " Nilgiris.
PHŒNIX PALUDOSA, " Government of India, Calcutta.
PHŒNIX SYLVESTRIS, " " "
" " Forest Department, Madras, Cuddapa.
" " " Bengal, Singbhum.
" " Government of India, Calcutta.
POLLINIA ERIOPADA, " Supdt., Botanical Gardens, Saharanpur (three exhibits).
PRINSEPIA UTILIS, from Babu Amba Datt Joshi, Almora.
PSEUDOSTACHYIUM COMPACTIFLORUM, from Forest Dept., Pegu.
PSEUDOSTACHYIUM HELFERA, " " "
PSORA CORDIFOLIA, from Forest Dept., Madras, Southern Circle.
Ramban, from Babu Amba Datt Joshi, Almora.
Rean, " Babu Lachman Prasad.
Rima, " Forest Department, Garo Hills.
Ryom, " " Bengal, Tista Division.
Sabai grass from " Singbhum.
" " Assistant Commissioner, Hazaribagh.
SACCHARUM MUNJA, from Government of India, Calcutta.
" " Alwar, Rajputana.
" " Government of India, Cawnpore.
" (rope), from " "
" from Pilibhit, through Agri. Dept., N.-W. P.
SACCHARUM SARA, " Supdt., Botanical Gardens, Saharanpur (three exhibits).
" " Forest Department, Madras, Gumsur.
SACCHARUM OFFICINARUM, from Government of India.

* Wrongly named; should be Eleusine coracana.

SACCHARUM SPONTANEUM, from Forest Department, Orissa.
SACCHARUM SP., from Babu Amba Datt Joshi, Almora.
SADA METCHTALANGA, from Forest Department, Assam, Goalpara.
SALIX BABYLONICA, " " Punjab.
Sampac, " " Garo Hills, Assam.
SANSEVIERA ZEYLANICA, from Government of India, Calcutta.
" " Forest Department, Madras, Southern Circle.
" " " " Nellore.
" " " " Karnul.
" " " " Coimbatore.
" " " " South Arcot.
SAPINDUS EMARGINATUS, " " " Northern Circle.
SARSESA ZELAMA, from Government of India.
SESBANIA ACULEATA, from " Calcutta.
" (clean), from Government of India, Calcutta.
SIDA CORDIFOLIA, from Supdt., Botanical Gardens, Saharanpur.
SIDA CARPINIFOLIA, from Government of India, Calcutta.
SIDA RHOMBIFOLIA, (unclean), from " "
" (clean), " " "
Sisham, from Babu Lachman Prasad.
Sisui (fibre), from Forest Department, Bengal, Buxa.
" (gunny), " " "
" (plant), " " "
Sissuna, from Babu Amba Datt Joshi, Almora.
Snibh and Bubaru, from Pilibhit, through Agri. Dept., N.-W. P.
SOYMIDA FEBRIFUGA (rope), from Forest Dept., Central Provcs, Betul.
SPATHODIA FALCATA, " " Madras, S. Circle.
SPONIA POLITORIA (bark), " " Bengal. Buxa.
SPONIA VELUTINA, " " Darjeeling.
STERCULIA COLORATA, " " Berar.
" (bark) " " N.-W. P., Ranikhet (two exhibits.)
STERCULIA ORNATA, " " "
STERCULIA URENS, " " Assam, Sibsagar.
" " " Cent. Provcs., Nagpur.
" " " Hoshangabad.
" (bark), " " Assam, Goalpara.
" (rope), " " "
" " " Madras, North Arcot.
" " " " Karnul.
" " " Pegu Circle.
STERCULIA VERSICOLOR, " " "
STERCULIA VILLOSA, from Government of India.
" " " Calcutta.
" " Forest Department, Darjeeling.
" " " Buxa.
" " " Madras, Coimbatore.
" " " " Nellore.
" " Babu Amba Datt Joshi, Almora.
" " Forest Department, Pegu Circle.
STREBLUS ASPERA, " " Burma, Pegu.
Summu, " " Assam, Garo Hills.
Suta (cotton), " " Local Committee, Chittagong.
Taksot (bark), " " Forest Department, Tista Division.
Tara (grass), " " " Goalpara.
TERMINALIA CHEBULA (rope), from Forest Department, Betul.
TERMINALIA GLABRA, from Forest Department, Madras, Coimbatore.
Thinggyein, " " Burma, Pegu.
Tkengua, " " Garo Hills (two exhibits).
THYSANOFÆNA ACRIFERA (used for broom), from Government of India.

Tibaccæ, from Forest Department, Burma, Tenasserim.
" (bark), from " "
Tora, " " Lakhimpur.
TRIGONA BÆVICEPS, from Forest Department, Pegu Circle.
Tukbrat, " " Bengal, Tista.
Tuggein, " " Burma, Pegu.
Udal, from Local Committee, Chittagong.
Uddupai, from " "
ULMUS INTEGRIFOLIA, from Forest Department, Godavari.
URENA LOBATA, from Superintendent, Botanical Gardens, Saharanpur.
URTICA ACUMINATA, from Forest Department, Assam, Sibsagar.
URTICA HETEROPHYLLA, from Government of India.
" " " Forest Department, Madras, Nilgiris.
URTICA PARVIFLORA, from Superintendent, Botanical Gardens, Saharanpur.
VALLARIS DICHOTOMA, " " "
Vellari indoo, from Forest Department, Madras, Southern Circle.
VILLEBRUNEA APPENDICULATA, from Forest Department, Darjiling.
VENTILAGO MADRASPATANA, " " Madras, N. Arcot.
Waban kyein, " " Burma, Pegu.
WALLICHIA DENSIFLORA (leaves for hair-brushing), from Government of India.
Wanwe, from Forest Department, Burma, Pegu.
Wash shaw, a jungli shrub from Khandan, near Kyongton, Burma.
Wodal, from Forest Department, Assam, Lakhimpur.
WIKSTROMIA VIRGATA, from Forest Department, N.-W. P., Ranikhet (two exhibit
XYLIADOLA BRIFORMIS, " " Madras, Southern Circle.
YUCCA GLORIOSA, from Superintendent, Botanical Gardens, Saharanpur.

XIV.—COUNTRY PAPER.

PAPER (Benares), from Babu Lachman Prasad, Cawnpore.
" (Sialkote), " "
" (bichondha; Bundlekund), from L. Prasad, Cawnpore.
" (sada; Lahore), " " "
" (Chhattarpur), " " "
" (Ardal State), " " "
" (Kanauj), " " "
" (Kalpi), " " "
" (Dinapore), " " "
" (Mathura), " " "
" (wood pulp), from Government of India, Cawnpore.
" (made from the kagoti bark), from Forest Department, Buxa.
" (white), from Jhallawar, Rajputana.
" (manufactured), from Bhartpur and Karauli, Rajputana.
" (superior), from Deputy Collector, Lalbagh.
" (middling), " " "
" (inferior), " " "
" (Hachi), " Forest Department, Lakhimpur Division.
" (large), " Babu Sripati Banerji, Murshidabad.
" (small), " "
" (Pahari), " Babu Amba Datt Joshi, Almora.
" (Bidigara), native-made at Ahmednagar, from Bombay Art-ware Court.
" (Vera), " " "
" (Muradshahi), " " "
" (Khamba zali), " " "
" (Sahib khani), " " "
" from Political Agent, Alwar (two exhibits)

PAPER (Rashni), var. Sirinagar, from Government of India, Cawnpore.
" (Bundad), " Chattarpur, " Babu Lachman Prasad, Bundelkhand.
" (Molra), " " " " "
" from Local Committee, Chittagong.
" (yellow), from Local Committee, Cuttack.
" (white), " " (two exhibits).

XV.—CLAY MODELS.

ÆGLE MARMELOS, from Superintendent, Botanical Gardens, Saharanpur.
ALLIUM CEPA, " " "
ALLIUM SATIVUM, " " "
AMORPHOPHALLUS CAMPANULATUS, from " "
ANONA SQUAMOSA, " " "
ATEOCARPUS INTEGRIFOLIA, " " "
ARTOCARPUS LAKOOCHA, " " "
ARUM COLOCASIA, " " " (two exhibits).
AVERRHOA CARAMBOLA, " " "
BATATAS EDULIS (white), " " "
" (red), " " "
BENINCASA CERIFERA, " " "
BETA VULGARIS, " " "
BRASSICA CAMPESTRIS, " " "
CAPSICUM FRUTESCENS, from Government of India, Calcutta.
CARICA PAPAYA, from Superintendent, Botanical Gardens, Saharanpur.
CARISSA CARANDAS (white), from " "
" (black), " " "
CEPHALANDRA INDICA, " " "
CITRUS ACIDA, " " "
" (var. ambelbed), " " "
CITRULLUS COLOCYNTHIS, " " "
CITRULLUS VULGARIS, " " "
" (whole fruit), " " "
" (section), " " "
CITRUS AURANTIUM, " " "
CITRUS DECUMANA (sec.), from Supdt., Botl. Grdns., Saharanpur.
CITRUS MEDICA, " " "
CITRUS LIMONIUM, " " "
CORDIA ROTHII, " " "
CURCUMA LONGA, " " "
CUCUMIS MELO (entire fruit), from " "
" (section), " " "
" (utilissimus), " " "
CUCUMIS MOMORDICA, " " "
CUCURBITA SP. (yellow), " " "
" (white), " " "
CUCUMIS SATIVUS (hot-weather variety), from "
" from Government of India, Calcutta.
" " Supdt., Botanical Gardens, Saharanpur.
CUCUMIS UTILISSIMUS, from " "
CUCURBITA MOSCHATA (entire fruit), " "
" (section), " "
" (hot-weather form), "
CUCURBITA PEPO, from Government of India, Calcutta.
CYPERUS SP., " Supdt., Botanical Gardens, Saharanpur.
DIOSCOREA, " " "

DOLICHOS CUCIFORMIS, from Supdt., Batanical Gardens, Saharanpur.
DOLICHOS LABLAB, „ „ „ (two exhibits
„ (var. Pupurea), „ „
ELETTARIA CARDAMOMUM, „ „
ERIOBOTRYA JAPONICA, „ „
EUGENIA JAMBOLANA, „ „
„ (large variety), „ „
EUGENIA JAMBOS, „ „
FERONIA ELEPHANTUM, „ „
FICUS CARICA, „ „ (two exhibits).
GLYCINE SOJA, „ „
GREWIA ASIATICA, „ „
HELIANTHUS TUBEROSUS, „ „
HIBISCUS ESCULENTUS, „ „
LAGENARIA VULGARIS, „ „ (two exhibits).
„ (broken), „ „
LUFFA ACUTANGULA, from Government of India, Calcutta (two exhibits).
„ „ Supdt., Botanical Gardens, Saharanpur (three exhibi
LUFFA ÆGYPTIACA, „ „ „
LYCOPERSICUM ESCULENTUM, from „ „
MANGIFERA INDICA, from Supdt , Botanical Gardens, Saharanpur (two exhibits
„ „ Government of India, Calcutta (two exhibits).
Maru baigan, „ Supdt., Botanical Gardens, Saharanpur.
MIMUSOPS ELENGI, „ „ „
MIMUSOPS KAUKI, from Supdt., Botanical Gardens, Saharanpur.
MOMORDICA CHARANTIA, „ „ „ (two exhib
„ (small), from Government of India, Calcutta.
„ (large, „ „ „ (two exhibi
MOMORDICA MURICATA, „ „ „
MORUS ALBA, from Supdt., Botanical Gardens, Saharanpur.
MORUS INDICA, „ „ „
MUSA PARADISIACA, „ „ „
MUSA (flower), „ Government of India, Calcutta.
NEPHELIUM LITCHI, „ „ „ (two exhibits).
„ „ Supdt., Botanical Gardens, Saharanpur.
PHŒNIX SYLVESTRIS, „ Government of India, Calcutta.
„ „ Supdt., Botanical Gardens, Saharanpur.
PHYLLANTHUS EMBLICA, from „ „
PHYLLANTHUS DISTICHUS, „ „ „
PINE-APPLE, „ „ „
PRUNUS COMMUNIS, „ „ „
„ (yellow and red), from „ „
„ (yellow), „ „ „
„ (yellow and red), „ „ „
„ (black), „ „ „
„ (large), „ „ „
PRUNUS PERSICA, „ „ „ (two exhibits).
PSIDIUM GUAVA, „ „ „ (two exhibits).
„ from Government of India, Calcutta (two exhibits).
PUNICA GRANATUM, „ „ „ (two exhibits).
„ „ Supdt., Botl. Gardens, Saharanpur.
PYRUS MALUS, „ „ „
RAPHANUS SATIVUS. „ „ „
SACCHARUM OFFICINARUM, from „ „
SOLANUM MELONGENA, „ „ „
SOLANUM TUBEROSUM, „ „ „ (two exhibits).
TAMARINDUS INDICA. „ „ „ (two exhibits).
TRAPA BISPINOSA, „ „ „
TRICHOSANTHES DIOICA, „ „ „

TRICHOSANTHES DIOICA, from Government of India, Calcutta (two exhibits).
TRICHOSANTHES ANGUINA, „ „ „
„ „ Supdt., Botl. Gardens, Saharanpur.
VIGNA CATIANG, „ „ „
VITIS VINIFERA, „ „ „
ZEA MAYS, „ „ „
ZINGIBER OFFICINALE, „ „ „

XVI.—PRESERVED PLANTS.

ACACIA ARABICA, from Superintendent, Botanical Gardens, Saharanpur.
ACONITUM FEROX, „ „ „
ACONITUM HETEROPHYLLYUM „ „ „
ACTŒA SPICATA, „ „ „
ADHATODA VASICA, „ „ „
ÆGLE MARMELOS, „ „ „
ALBIZZIA LEBBEK, „ „ „
ALBIZZIA PROCERA, „ „ „
AMARANTUS GANGETICUM, „ „ „
AMARANTUS SPINOSUS, „ „ „
ARACHIS HYPOGÆA, „ „ „
ARGEMONE MEXICANA, „ „ „
BARRINGTONIA ACUTANGULA, „ „ „
BASSIA LATIFOLIA, „ „ „
BŒRHAAVIA DIFFUSA, „ „ „
Bokro bish, „ „ „
BOMBAX MALABARICUM, „ „ „
Borali, „ „ „
BRASSICA ALBA, „ „ „
BRASSICA CAMPESTRIS (var. yellow) „ „ „
„ („ dichotoma) „ „
„ („ glauca), „ „
„ („ quadrivalvus), „ „
„ („ toria), „ „
„ („ trilocularis), „ „
BRASSICA CHINENSIS, from „ „
BRASSICA JUNCEA, „ „ „
BRASSICA NIGRA, „ „ „
BROUSSONETIA PAPYRIFERA, „ „ „
BUTEA FRONDOSA, „ „ „
CÆSALPINIA BONDUCELLA, „ „ „
CALOTROPIS PROCERA, „ „ „
CANNABIS SATIVA, „ „ „
CAREX, „ „ „
CAREYA ARBOREA, „ „ „
CARUM COPTICUM. „ „ „
CASSIA FISTULA, „ „ „
CASSIA OCCIDENTALIS, „ „ „
CASSIA TORA, „ „ „
CEDRELA TOONA, „ „ „
CELASTRUS PANICULATA, „ „ „
CHENOPODIUM, SP., „ „ „
CHENOPODIUM ALBUM, „ „ „
CICHORIUM INTYBUS, „ „ „
CISSAMPELOS PAREIRA, „ „ „
CONVOLVUS ARVENSIS, „ „ „
CORDIA MYXA, „ „ „

CORDIA ROTHII,	from Superintendent, Botanical Gardens, Saharanpur.		
CORIANDRUM SATIVUM,	,,	,,	,,
CUCUMIS MELO (var. UTILISSIMUS)	,,	,,	,,
CUCUMUS SATIVUS,	,,	,,	,,
CUCURBITA MOSCHATA,	,,	,,	,,
CUMINUM CYMINUM,	,,	,,	,,
CUPRESSUS SEMPERVIRENS,	,,	,,	,,
CYAMOPSIS PSORALIOIDES,	,,	,,	,,
Daru haridra (Berberis sp.)	,,	,,	,,
DAUCUS CAROTA,	,,	,,	,,
DESMODIUM GANGETICUM,	,,	,,	,,
DOLICHOS SP.,	,,	,,	,,
DOLICHOS BIFLORUS,	,,	,,	,,
DOLICHOS LABLAB,	,,	,,	,,
EHRETIA ASPERA,	,,	,,	,,
ERUCA SATIVA,	,,	,,	,,
EUGENIA JAMBOLANA,	,,	,,	,,
FAGOPYRUM ESCULENTUM,	,,	,,	,,
FŒNICULUM VULGARE,	,,	,,	,,
GARUGA PINNATA,	,,	,,	,,
GLYCINE SOJA,	,,	,,	,,
GMELINA ARBOREA,	,,	,,	,,
HŒMATOXYLON CAMPECHIANUM,	,,	,,	,,
HELECTERES ISORA,	,,	,,	,,
HIBISCUS ESCULENTUS,	,,	,,	,,
HORDEUM VULGARE,	,,	,,	,,
HYGROPHYLA LONGIFOLIA,	,,	,,	,,
HYOSCYAMUS NIGER,	,,	,,	,,
INDIGOFERA TINCTORIA,	,,	,,	,,
Indrajab (Wrightia antidysenterica),		,,	,,
Jhatuka.	,,	,,	,,
Kala gach or *Kala pata,*	,,	,,	,,
JUSTICA NASUTA,	,,	,,	,,
LAUNŒA NUDICAULIS,	,,	,,	,,
LAWSONIA ALBA,	,,	,,	,,
LEPIDIUM SATIVUM,	,,	,,	,,
LUFFA ACUTANGULA,	,,	,,	,,
LUFFA ÆGYPTIACA,	,,	,,	,,
LYCHNIS INDICA,	,,	,,	,,
MALLOTUS PHILIPPINENSIS,	,,	,,	,,
MANGIFERA INDICA,	,,	,,	,,
MELIA AZADIRACHTA,	,,	,,	,,
METCHTA TANGA,	,,	,,	,,
MIMUSOPS ELENGI,	,,	,,	,,
MORINGA PTERYGOSPERMA,	,,	,,	,,
MUCUNA PRURIENS,	,,	,,	,,
NIGELLA SATIVA,	,,	,,	,,
NYCTANTHES ARBOR-TRISTIS,	,,	,,	,,
Odla,	,,	,,	,,
OROXYLUM INDICUM,	,,	,,	,,
PANICUM MILIACEUM,	,,	,,	,,
PEUCEDANUM GRAVEOLENS,	,,	,,	,,
PHASEOLUS SP.,	,,	,,	,,
PHASEOLUS MUNGO,	,,	,,	,,
PHYLLANTHUS EMBLICA,	,,	,,	,,
PISUM ARVENSE,	,,	,,	,,
PISUM SATIVUM,	,,	,,	,,
PLUMERIA ACUTIFOLIA,	,,	,,	,,
POLYGONUM SP.,	,,	,,	,,

PORTULACA SATIVA,	from Supt., Botl. Gardens, Saharanpur.		
PUNICA GRANATUM,	,,	,,	,,
PYRETHRUM INDICUM,	,,	,,	,,
QUERCUS INCANA,	,,	,,	,,
RANDIA DUMETORUM,	,,	,,	,,
RICINUS COMMUNIS,	,,	,,	,,
SAUSSUREA OBVALLATA,	,,	,,	,,
SEMECARPUS ANACARDIUM,	,,	,,	,,
SHOREA ROBUSTA,	,,	,,	,,
SILENE INFLATA,	,,	,,	,,
SOLANUM INDICUM,	,,	,,	,,
SOLANUM KANTHOCARPUM,	,,	,,	,,
SOLANUM MELONGENA,	,,	,,	,,
SOLANUM NIGRUM,	,,	,,	,,
STEREOSPERMUM SUAVEOLENS,	,,	,,	,,
TERMINALIA BELERICA,	,,	,,	,,
TINOSPORA CORDIFOLIA,	,,	,,	,,
TRAPA BISPINOSA,	,,	,,	,,
VALLARIS DICHOTOMA,	,,	,,	,,
VICIA FABA,	,,	,,	,,
VICIA SEPIUM	,,	,,	,,
VIGNA CATIANG,	,,	,,	,,
VITEX TRIFOLIA,	,,	,,	,,
WOODFORDIA FLORIBUNDA,	,,	,,	,,
UMBELLIFERA,	,,	,,	,,
ASPEROCOCCUS ORIENTALE,	from J. A. Murray, Esq., Karachi (two exhibits).		
BRAYAPSIS BALBISIANE,	,,	,,	,,
CAUBUPA SCAPILLIFORMIS (var. Denticulata),	from J. A. Murray, Esq., Karachi.		
CAUBUPA CHANFERA,	from J.A. Murray, Esq., Karachi, (three exhibits).		
CAUBUPA SCAPILLIFORMIS	,,	,,	,, (two exhibits).
CAUBUPA TAXIFOLIA,	,,	,,	,, (two exhibits).
CHAMPIA KOTOCHYANA	,,	,,	,, (three exhibits).
CHAMODRIS ANULATA,	,,	,,	,,
CHANDRAS CARPUS	,,	,,	,, (two exhibits).
CHENDRIOPSIS TENISSIMA (wood),	,,	,,	,,
,,	from	,,	,,
CHOTOMORPHA ÆREA	,,	,,	,, (two exhibits).
CHRISMENIA DEPRESSA	,,	,,	,, (two exhibits).
CHRISMENIA UVARIA	,,	,,	,, (two exhibits).
CHYLOCLADIA MUELLON	,,	,,	,, (two exhibits).
CORDIUM TOMENTOSUM	,,	,,	,, (two exhibits).
CYSTOPHYLLUM AUSTRALE,	,,	,,	,,
CYSTOPHYLLUM TRINADE,	,,	,,	,,
DASYA LALLEMUNDI,	,,	,,	,,
DASYA SP.	,,	,,	,, (two exhibits).
DELASARIA SUADICTROLOME,	,,	,,	,,
DICRONEMA FURCELLATUM,	,,	,,	,,
DICTYOTA BARTAYRISIANA	,,	,,	,, (two exhibits).
DICURELLA CONCINE,	,,	,,	,,
ENTEROMORPHA COMPRESSA,	,,	,,	,, (two exhibits).
,,	(var Trichoda),		,,
,,	from	,,	,, (two exhibits).
FICUS VESICULOSUS,	,,	,,	,, (two exhibits).
GIGURTINA ACUNLARIS,	,,	,,	,,
GRACILARIA CONFERUREDE,	,,	,,	,, (two exhibits).
GRACILARIA CORBICATA GAG,	,,	,,	,, (two exhibits).
GRACILARIA DISTICTRA GAG,	,,	,,	,, (two exhibits).
GRACILARIA SP.,	,,	,,	,, (two exhibits).
HOLYMENIA FASTIGATA,	,,	,,	,, (four exhibits).
HOLYMENIA SPATHULATA,	,,	,,	,,

HYPHUEA DEMADATA (var. musiformis), from J. A. Murray's Esq., Karachi, (two exhibits).
" from " " " (two exhibits).
HYPHUEA DIVARICATA, " " " (two exhibits).
HYPHUEA HAMULOSA (wood), " " " (two exhibits).
KALLYMENIA RENIFORUM, " " " (two exhibits).
KY-PA HAMULOSA, " " " (two exhibits).
LAURANIA DURARICATA, " " " (two exhibits).
LAURANIA, SP., " " " (two exhibits).
LAURANIA VERGATA, " " " (two exhibits).
LOMENTORIA OPUNTIA, " " " (two exhibits).
NITOPHYLLUM PUCTATUM, " " " (two exhibits).
" (var. Ocellabun), " " " (two exhibits).
PLOCAMAIN COCCINEUM, from J. A. Murray, Esq., Karachi, (two exhibits).
PODIAN FRASERI, " " " (two exhibits).
" PAVONIA, " " " (two exhibits).
POLYSEPHONIA FLOCENTOSA, " " " (two exhibits).
" UTRICULUS, " " " (two exhibits).
" (var. Zanard), " " " (two exhibits).
PORPHYRA LACUMA, " " " (two exhibits).
RHABDONIA TUBA, " " " (two exhibits).
RHODYAMENIA ERYTHERA, " " " (three exhibits).
SARGASSUM PANICUM, " " " (two exhibits).
SEINIA FURCELLATA, " " " (four exhibits).
SELIERIA INDICA, " " " (two exhibits).
SPOROCHNUS GONTURE, " " " (two exhibits).
STOCHOSPERMUM MACULATA, " " " (two exhibits).
" PATENS, " " " (two exhibits).
TILVA FACICATA, " " " (two exhibits).
UDATIA DISFONTAINIE, " " " (two exhibits).
ULVA LATISSIMA, " " " (two exhibits).
ULVA RESECULATA, " " " (two exhibits).
VALONIA VERTICULATA " " " (two exhibits).

XVII.—BOTANICAL DRAWINGS

BRASSICA CAMPESTRIS (var. Toria), from Botanical Gardens, Saharanpur.
CAJANUS INDICUS, " " "
" (var. bicolor), " " "
CHENOPODIUM ALBUM, " " "
CITRULLUS VULGARIS, " " "
CURCUMA LONGA, " " "
CUCUMIS MELO, " " "
CUCUMIS SATIVUS, " " "
CUMINUM CYMINUM, " " "
CYAMOPSIS PSORALIOIDES, " " "
DIOSCOREA SAGILLATA, " " "
DOLICHOS BIFLORUS, " " "
DOLICHOS LABLAB, " " "
" (var. purpurens), " " "
ELEUSINE CORACANA (var. purpurens), " " "
PANICUM FRUMENTACEUM, " " "
" MILIACEUM, " " "
" PSILOPODIUM, " " "
POSPALUM SCROBICULATUM, " " "
PLANGATO ISPHAGULA, " " "
PISUM ARVENSE, " " "
" SATIVUM, " " "

RAPHANUS SATIVUS, from Botanical Gardens, Saharanpur.
SOLANUM MELONGENA, " " "
SOLANUM TUBEROSUM, " " "
VIGNA CATIANG, " " " (three exhibits).

XVIII.—MANUFACTURED ARTICLES.

KOFTGART WORK, SALE EXHIBITS.

CAP,	from Shariffuddin Mistri, Sialkot.	Price Rs.	50.
BOX,	" " "	"	150.
SHIELD,	" " "	"	90.
"	" " "	"	60.
"	" " "	"	50.
PLATE,	" " "	"	40.
FISH,	" " "	"	18.
PAIR OF FRAMES,	" " "	"	20.
" SURAHIS,	" " "	"	16.
TRAY,	" " "	"	14.
SHIELD,	" Budha Mistri, Sialkot.	"	90.
"	" " "	"	50.
PLATE,	" " "	"	50.
"	" " "	"	35.
"	" " "	"	35.
"	" " "	"	16.
BOX,	" " "	"	30.
HELMET,	" " "	"	50.
PAIR CANDLESTICKS,	" " "	"	16.
CANDLESTICK,	" " "	"	10.
PAIR FRAMES,	" " "	"	18.
"	" " "	"	22.
INKSTAND,	" " "	"	20.
TOWEL-CASE,	purchased at the Jaipur Exhibition.	"	18.
IVORY-WORKED LARGE BOX,	"	"	100.
SANDAL CARVED-WORK BOX,	"	"	70.
EBONY-CARVED BOX,	"	"	20.
SUGAR-BASIN,	"	"	24.
BUTTER-TOP (lotus pattern),	"	"	23-8.
LARGE TRAY (brass enamel),	"	"	16.
NOTE-BOX,	"	"	12.
"	"	"	13.
GLOVE-BOX,	"	"	8.
BOX,	"	"	7.
LETTER-RACK,	"	"	8.
BUTTER-POT (lotus-shaped),	"	"	23-8.
PEN-BOX, inlaid with ivory and brass,	"	"	7-1.
FLOWER-CUP,	"	"	12-8.
BOX, inlaid with ivory,	"	"	100.
PEN-BOX, inlaid with ivory,	"	"	6.
BOX, inlaid with ivory,	"	"	13.
LOTA, of copper,	"	"	2-8.
CIRCULAR TRAY, on feet,	"	"	32.
CHUMBU, with cover,	"	"	50.
PAPER-MADE BOX (one set),	"	"	30.
BOX (octagonal),	"	"	2.
WATER-BOTTLE (one pair),	"	"	4.

FRUIT TABLE-DISH,	purchased at the Jaipur Exhibition.	Price Rs.	6.
WATER-BOTTLE (one pair),	,,	,,	4.
PLATE GOLD KUFT,	,,	,,	8.
IVORY KRISHNA,	,,	,,	25.
EBONY PEN-BOX,	,,	,,	7.
EBONY NOTE-BOX,	,,	,,	27.
EBONY PEN-BOX,	,,	,,	11.
BASKET,	,,	,,	100.
IVORY-WORKED BOX,	,,	,,	38.
BOX FOR ENVELOPES,	,,	,,	80.
,,	,,	,,	80.
PLATE GOLD KUFT,	,,	,,	15.
TRAY,	,,	,,	3.
PLATE-GOLD KUFT,	,,	,,	50.
,,	,,	,,	8-8.
PEN TRAY,	,,	,,	5.
BOOK COVER,	,,	,,	35.
PLATE SILVER KUFT,	,,	,,	6.
LAKSHMI,	,,	,,	30.
TWO FLOWER-POTS,	,,	,,	2-14.
BISCUIT-BOX,	,,	,,	2-14.
BOX (apple-shaped),	,,	,,	2.
VASE,	,,	,,	2-3.
,,	,,	,,	5-4.
SCENT PHIAL,	,,	,,	40
BOX, lacquered with figures,	,,	,,	5.
CLOTHS (4 in number),	from Alwar, Rajputana.		
,, (10 ,,),	,,	,,	
,, (15 ,,),	,,	,,	
,, (3 ,,),	,,	,,	
ZARDA (7 specimens),	,,	,,	
COARSE CLOTH, GARÁH (2 specimens),	,,	,,	
JAZAM (2 specimens),	,,	,,	
TOSHAK (2 ,,),	,,	,,	
REYA (2 ,,),	,,	,,	
DOLHRA,	,,	,,	
BLANKET,	,,	,,	
KHES,	,,	,,	
CHUNDRI,	,,	,,	
LASI (3 in number),	,,	,,	
CLOTH (coloured purple), 2 pieces,	,,	,,	
,, (turquois color), one piece,	,,	,,	
TURBANS (2),	,,	,,	
SAFA,	,,	,,	
SHOES (a pair Punjábi fashion),	,,	,,	
,, (a pair Salemshahi fashion),	,,	,,	
LAC BRACELETS (4 in number),	,,	,,	
SILVER RINGS (5 in number),	,,	,,	
LOCK (3 keys),	,,	,,	
,, (1 key),	,,	,,	
NUT-CRACKERS (2),	,,	,,	
HUKKA MOUTH-PIECE, of pewter (2 in number),	,,	,,	
BRASS BOX (large),	,,	,,	
COPPER BOX.	,,	,,	
BRASS BOXES (small, 2 in number),	,,	,,	
KALI FOR HUKKAS (2 in number),	,,	,,	
IRON BUCKET,	,,	,,	
SPEAR WITH A SMALL PISTOL,	,,	,,	
HANDLE OF A HORSE-WHIP WITH A PISTOL,	,,	,,	

WOODEN STICKS (10 in number),	from Alwar, Rajputana.	
INKSTAND (with tray),	,,	,,
BED LEGS (Hindustani fashion, 2 in number),	,,	,,
,, (English fashion, 2 in number),	,,	,,
,, (2 in number),	,,	,,
WOODEN TRAY,	,,	,,
WOODEN HUKKAS (2 in No.),	,,	,,
WOODEN NAICHAS (4 ,,),	,,	,,
WOODEN BIRDS (.4 ,,),	,,	,,
WOODEN JAMAN (20 ,,),	,,	,,
WOODEN POPPIES (4 ,,),	,,	,,
WOODEN BOXES (small) (2 ,,),	,,	,,
,, (larger) (2 ,,),	,,	,,
WOODEN ROUND BOXES (3 ,,),	,,	,,
WOODEN GLASSES, with lids (2 ,,),	,,	,,
WOODEN STICKS (8 ,,),	,,	,,
STONE CUPS (2 ,,),	,,	,,
,, with lid,	,,	,,
,, (2 in No.),	,,	,,
EARTHENWARE (ewers, glasses, cups, &c., 51 in No.)	,,	,,
HINDI HANDWRITING (4 specimens),	,,	,,
WRITING with a pointed nail (16 specimens),	,,	,,
TWIN WRITING	,,	,,

XIX.—ETHNOLOGICAL SPECIMENS.

JAMA (dress),	from Government of India, Cawnpore.		
PAGRI (goledar),	,,	,,	,,
DOPATTA,	,,	,,	,,
DHOTI,	,,	,,	,,
PATKA,	,,	,,	,,
RUMAL (*dasti*),	,,	,,	,,
JUTA (*ghetla*),	,,	,,	,,
CHAPKAN,	,,	,,	,,
ANGARKHA,	,,	,,	,,
SHAMLA,	,,	,,	,,
TOPI,	,,	,,	,,
RUMAL,	,,	,,	,,
PAIJAMA, (*gherdar*),	,,	,,	,,
JUTA (*charhawan*)	,,	,,	,,
ABA,	,,	,,	,,
ANGARKHA	,,	,,	,,
KURTA,	,,	,,	,,
MURAITHA,	,,	,,	,,
TOPI,	,,	,,	,,
RUMAL (*dasti*),	,,	,,	,,
PAIJAMA (*gherdar*),	,,	,,	,,
JUTA (*gurgabi*)	,,	,,	,,
ANGARKHA,	,,	,,	,,
FATUI,	,,	,,	,,
PAGRI (*pench*)	,,	,,	,,
DOPATTA,	,,	,,	,,
PAIJAMA (*churidar*)	,,	,,	,,
JUTA (*nokdar*)	,,	,,	,,
ANGARKHA,	,,	,,	,,
TUPI (*chandædar*),	,,	,,	,,

Dopatta,	from Government of India, Cawnpore.		
Dhuti,	,,	,,	,,
Juta (*nokdar*),	,,	,,	,,
Korta (*lamba*)	,,	,,	,,
Paijama (*gherdar*)	,,	,,	,,
Topi (*changochia*)	,,	,,	,,
Rumal (*dasti*)	,,	,,	,,
Kurta,	,,	,,	,,
Dhuti,	,,	,,	,,
Topi,	,,	,,	,,
Mirzai (*amowa*)	,,	,,	,,
Topi,	,,	,,	,,
Angocha,	,,	,,	,,
Dhuti,	,,	,,	,,
Juta,	,,	,,	,,
Mirzai (*duhre*),	,,	,,	,,
Pichchauri,	,,	,,	,,
Angocha,	,,	,,	,,
Topi (*dupatri*)	,,	,,	,,
Dhuti,	,,	,,	,,
Juta,	,,	,,	,,
Lahenga (*kirkire*),	,,	,,	,,
Dharia (*saluki*)	,,	,,	,,
Angia,	,,	,,	,,
Lahenga (*khireka*),	,,	,,	,,
Orhunil ilagar,	,,	,,	,,
Jhuluba,	,,	,,	,,
Lahenga (*charkhanika*),	,,	,,	,,
Dopatta (*dares*),	,,	,,	,,
Jhulwa,	,,	,,	,,
Dhuti (*gongasagore*),	,,	,,	,,
Ambar,	,,	,,	,,
Lahenga (*rasmi*)	,,	,,	,,
Chadar,	,,	,,	,,
Angia,	,,	,,	,,
Dhuti,	,,	,,	,,
Chaddar,	,,	,,	,,
Paijama (*kalidar*),	,,	,,	,,
Mahram,	,,	,,	,,
Angia,	,,	,,	,,
Dopatta (*chikanka*),	,,	,,	,,
Juta,	,,	,,	,,
Zerpai (*personal ornaments*),	,,	,,	,,
Jhumar,	,,	,,	,,
Benabondi,	,,	,,	,,
Bena daun,	,,	,,	,,
Katiapat,	,,	,,	,,
Bali (large),	,,	,,	,,
,, (middle-sized),	,,	,,	,,
,, (small),	,,	,,	,,
Patti (*ghungruke*),	,,	,,	,,
Patti (*jaras*),	,,	,,	,,
Machli,	,,	,,	,,
Bali,	,,	,,	,,
Jhamke,	,,	,,	,,
Karanphul,	,,	,,	,,
Tarki,	,,	,,	,,

Nath (large)	from Government of India, Cawnpore.		
,, (small),	,,	,,	,,
Kil,	,,	,,	,,
Galaband,	,,	,,	,,
Gap,	,,	,,	,,
Champakali,	,,	,,	,,
Zanjir,	,,	,,	,,
Sattara,	,,	,,	,,
Haikal,	,,	,,	,,
Jugni,	,,	,,	,,
Hashuli,	,,	,,	,,
Har,	,,	,,	,,
Jasham,	,,	,,	,,
Ananta,	,,	,,	,,
Chhaw,	,,	,,	,,
Pahohchi (*dhaniki*),	,,	,,	,,
,, (*chahedanti*),	,,	,,	,,
Kare,	,,	,,	,,
Arsi,	,,	,,	,,
Anguthi,	,,	,,	,,
Chhalla,	,,	,,	,,
Churi,	,,	,,	,,
Kardhani,	,,	,,	,,
Jangh,	,,	,,	,,
Kare,	,,	,,	,,
Chhars,	,,	,,	,,
Tikuli	,,	,,	,,
Utanna,	,,	,,	,,
Jhumka,	,,	,,	,,
Karanpul,	,,	,,	,,
Dharen,	,,	,,	,,
Patelia,	,,	,,	,,
Nathno,	,,	,,	,,
Hamel,	,,	,,	,,
Ghundi,	,,	,,	,,
Jugnu,	,,	,,	,,
Sutia,	,,	,,	,,
Churi,	,,	,,	,,
Kakania,	,,	,,	,,
Pachhela,	,,	,,	,,
Kharwa,	,,	,,	,,
Panaria,	,,	,,	,,
Nigorohi,	,,	,,	,,
Pahunchui,	,,	,,	,,
Bazu,	,,	,,	,,
Arsi,	,,	,,	,,
Tarian,	,,	,,	,,
Mundri,	,,	,,	,,
Patte,	,,	,,	,,
Kare,	,,	,,	,,
Gujri,	,,	,,	,,
Pari,	,,	,,	,,
Pazeb,	,,	,,	,,
Newar,	,,	,,	,,
Chura,	,,	,,	,,
Pakhpan,	,,	,,	,,
Bichhia,	,,	,,	,,

NABIA, from Government of India, Cawnpore.
ANANTA, ,, ,, ,,
FINGER RING, ,, ,, ,,
ARMLETS, from Agriculture and Commerce Department, Cawnpore (two exhibits).
ANKLETS (female), ,, ,, ,,
ARMLETS, ,, ,, ,,
ANKLETS (female), ,, ,, ,,
BRACELETS, ,, ,, ,, (three exhibits).
BHOJALI (large), ,, ,, ,,
,, (small), ,, ,, ,,
UMBRELLA (large), ,, ,, ,,
,, (small), ,, ,, ,,
BROOMS, ,, ,, ,,
HAIR ORNAMENTS, ,, ,, ,,
NECKLET PENDANTS, from Agri. and Commerce Dept., Cawnpore (two exhibits).
,, (Bendi), ,, ,, ,,
NECKLACE, ,, ,, ,,
NECKLET, ,, ,, ,,
NOSE ORNAMENTS, ,, ,, ,,
TOE-RINGS, ,, ,, ,, (three exhibits).
EAR ORNAMENTS, ,, ,, ,, (three exhibits).
ANKLETS, from Forest Department, Kurseong.
ARMLETS, ,, ,, ,,
ARMLET (Santalis), from District Committee, Bhagalpur.
HEAD ORNAMENTS (Santali women), ,, ,, ,, (two exhibits).
NECKLACE (,,), ,, ,, ,,
BARBER'S INSTRUMENT, from Govt. of India, Cawnpore.
AXE, ,, ,, ,,
AWL, ,, ,, ,,
BUCKET, ,, ,, ,,
BARMA, ,, ,, ,,
CHIKAN (printing instrument), ,, ,, ,,
CHAMUCH, ,, ,, ,,
CHULCHA, ,, ,, ,,
CHISEL, ,, ,, ,,
CHIMTI, ,, ,, ,,
CHISEL, ,, ,, ,,
DIAT, ,, ,, ,,
DRAIN (small work), ,, ,, ,, (two exhibits).
FRYING-PAN, ,, ,, ,,
GOLD AND SILVER LEAF-MAKING INSTRUMENT. ,, ,, ,,
GHORAH, ,, ,, ,,
HORNET, ,, ,, ,,
HAMMER, ,, ,, ,,
JANTRI, ,, ,, ,,
KOHARIE, ,, ,, ,,
KALBUT (instrument of Manihor), ,, ,, ,,
,, (,, shoemaker), ,, ,, ,,
KUSHAHAN, ,, ,, ,,
NIHAW, ,, ,, ,,
,, (small work), ,, ,, ,,
NIHAI ,, ,, ,,
OLD PRACTICE OF INDIAN DRIVAN, ,, ,, ,,

PURA, from Government of India, Cawnpore.
PAIR, ,, ,, ,,
PENS, ,, ,, ,,
PIPE, ,, ,, ,,
RAPI, ,, ,, ,,
SANGSI, ,, ,, ,,
SPOON, ,, ,, ,,
SIFT (grain), ,, ,, ,,
SIFT, ,, ,, ,,
SCISSORS (No. 2), ,, ,, ,,
,, (No. 1), ,, ,, ,,
SANGSI (No. 3), ,, ,, ,,
SANDAY (No. 1), ,, ,, ,,
SANGSI (No. 3), ,, ,, ,,
,, (No. 1), ,, ,, ,,
SANDAY (No. 2), ,, ,, ,,
SAW, ,, ,, ,,
SANDAY, ,, ,, ,,
STRAINER, ,, ,, ,,
SANDAY (shoemaker's instrument), ,, ,, ,,
SUJA, ,, ,, ,,
TONGO, ,, ,, ,,
TAMA, ,, ,, ,,
THAPA (goldsmith's instrument), ,, ,, ,,
,, (manibar's ,,), ,, ,, ,,
A KUMAUN PEASANT'S FLUTE, from Babu Amba Datt Joshi, Almora.
ANGRA, ,, ,, ,,
CHIMTA AND CHAIN, ,, ,, ,,
DATULA, ,, ,, ,,
GANGOLI SHOE, ,, ,, ,,
GADAR MAO, ,, ,, ,,
JABI, ,, ,, ,,
JAL, ,, ,, ,,
KHARI, ,, ,, ,,
KANGARHO, ,, ,, ,,
KANG-ZORHEE, ,, ,, ,,
KANGI, ,, ,, ,,
KOTTA, ,, ,, ,,
SHIK, ,, ,, ,,
TERAI BASKET (two exhibits), ,, ,, ,,
BATWA, ,, ,, ,,
PEASANT'S CAP, ,, ,, ,,
CHOTOLI, ,, ,, ,,
PAHARI HANDI, ,, ,, ,,
CLOTH (dyed from harra leaves), from Forest Department, Buxa.
,, (,, harra and haldia), from ,, ,,
,, (,, Saugan leaves), ,, ,, ,,
,, (,, Luther bark), ,, ,, ,,
,, (,, haldia root), ,, ,, ,,
BHUTIA HAT (made from bamboos), ,, ,, ,,
CANE MAT (made by Garos), ,, ,, ,,
DOPATTA (one), from Nepal, through Bahraich.
KURTA, ,, ,, ,,
KULGHI, ,, ,, ,,
LAHENGA, ,, ,, ,,
BASULI, ,, ,, ,,
BHOJALI (one), ,, ,, ,,
COPPER FOWLI, ,, ,, ,,
DALI (one), ,, ,, ,,
,, (small), (three), ,, ,, ,,

FAWN, from Nepal, through Bahraich.
GAGRA, „ „ „
HANSIA, „ „ „
IRON PHARA, „ „ „
KURCHUL, „ „ „
KATARI (one), „ „ „
MAT („), „ „ „
NUNDI (one woollen mat), „ „ „
PEACOCK (*pankhi*) fan, „ „ „
„ (feather), „ „ „
POTASI, „ „ „
POTAILA, „ „ „
SPADE, „ „ „
SARPASH (one), „ „ „
NANKIN COTTON CLOTH, from L. Liotard, Esq., Calcutta.
CHALNI, from Forest Department, Kurseong.
TOMSHI (pair), „ „ „
DAGRA, „ „ „
A LEUTTER OR BUKA, from Agricultural Department, Central Provinces.
CHILD'S SWING, (Santali women), from District Committee, Bhagalpore.
DOVE DECOY (Santali woman), „ „ „
NET PURSE („), „ „ „
QUAIL DECOY(„), „ „ „
RINGS used by Santali women, „ „ „
CARDIR'S EAR ORNAMENTS, from Forest Department, Madras.
KADAR KUDE, „ „ „
VAI KUDE, „ „ „
VENGAI PISHIN, „ „ „
MASLAND MAT, from Government of India, Calcutta.
„ (small), „ „ „
MASLONDO, „ „ „
MADUR, „ „ „
SARESH PATI, „ „ „
SARESH MASLONDO, „ „ „
SARESH (*sada madur*), „ „ „
PATI, „ „ „
PORO MADUR, „ „ „
TARIA (basket-work), from Government of India, Gonda district.
GUNNY CLOTH, from Babu Mahendra Nath Bhattacharjya, Bogra.
„ (coloured), from „ „
GARO MAT, from Forest Department, Goalpara Division.
NAL MAT, „ „ „
JENGU PAT AND THARI (mat), from Forest Department, Lakhimpur Division.
PATIDOI (plant), „ „ „
RAIN HAT (large), „ „ Kamrup Division.
„ (small), „ „ „
CAGE (fishing, flat), from Babu T. N. Mukharji, Rev. and Agri. Dept., Calcutta.
„ (large), „ „ „ „
„ (middle), „ „ „ „
„ (oblong), „ „ „ „
„ (small), „ „ „ „
OXYTENANTHERA ALBCITIATA (matting), from Forest Department, Moulmein, Tenasserim Circle.
SWORD AND DAGGER, from Forest Department, Garo Hills.
PRINTED COTTON FLOOR-CLOTH, from Dir. of Agri., Central Provinces (eight exhibits).
AXE, from Chittagong Local Committee.
BRASS ORNAMENTS, from Exhibition Committee, Singbhum.
BOW, from Chittagong Local Committee.
BASKET, „ „ „

BAMBOO BOW, from Forest Department, Kurseong.
BASKET (small), „ Nepal, through Bahraich.
BHANJRA, „ „ „
BLANKET (white), „ „ „
„ (brown), „ „ „
BERI, from Babu Lachman Prasad, Cawnpore.
BASKET MATERIALS, from Monghyr Local Committe.
BASKET, „ „
CHATAI, from Chittagong Local Committee.
COTTON-CLEANING MACHINE, from Botl. Gardens, Saharanpore.
COTTON-GRINDER, from Chittagong Local Committee.
CHALYASO, from Babu Amba Datt Joshi, Almora.
„ „ Chittagong Local Committee (four exhibits).
DAKO (basket), from Forest Department, Kurseong.
DALA, „ „
DHUNGRO (bamboo pot), from „
DAKA, from Babu Amba Datt Joshi, Almora.
FAN, from Nepal, through Bahraich.
„ „ Babu Lachman Prasad, Cawnpore.
„ „ Chittagong Local Committee.
FLOORING SLATE, from Exhibition Committee, Singbhum.
FLOOR MILL (Beaufort hunt mill), from Babu Lachman Prasad, Cawnpore.
GUJRI, from Babu Lachman Prasad, Cawnpore.
GOLDSMITH'S BELLOWS, from Babu Amba Datt Joshi, Almora.
GRASS-CUTTING MILL, „ „ Lachman Prasad, Cawnpore.
HILL ROPE, „ „ Amba Datt Joshi, Almora.
HURHKA, „ „ „ „
HARHPIA, „ „ „ „
JANTI, „ „ „ „
JURAT, „ „ „ „
KHORHIKIPATI, „ „ „ „
LAM, „ „ „ „
MAT, „ „ „ „
MADUR, „ „ Lachman Prasad, Cawnpore.
MUNGRA, „ „ Amba Datt Joshi, Almora.
MECHANICAL TOY (a native weaver), from Doomraon.
„ (a native durbar), „ „
MARSDENIA TENACISSIMA (fishing-line), from J. W. Whymper, Esq. (two exhibits).
NATAI, from Chittagong Local Committee.
NANGLO, „ Forest Department, Kurseong.
PARHYNLO, „ Babu Amba Datt Joshi, Almora.
PENHOLDER, „ „ „ „
PETTICOAT, „ „ „ „
PAINJOR, „ „ Lachman Prasad.
PATI, „ Chittagong Local Committee.
ROPE, „ „ (two exhibits).
SHOES, „ Babu Lachman Prasad.
SCALES, „ „ Amba Datt Joshi, Almora.
SOOPS, „ „ „
STICKS, „ Chittagong Local Committee.
SPADE, „ „ „
SPINNING-WHEEL, „ „ „
SCYTHE, „ „ „
THUNSI, „ Forest Department, Kurseong.
TOKRO, „ Babu Amba Datt Joshi, Almora.
TOYS, „ „ „ „ (two exhibits).
THAPKA, „ „ „ „
THINKA, „ „ „ „ (two exhibits).
TARBUN, „ „ „
WRITING-SLATE, „ Exhibition Committee, Singbhoom.

MILITARY EXHIBITS.

ONE imitation Armstrong breech-loading 9-pounder rifled gun of 6 cwt. made at Cabul by native workmen in 1870. Lent by the Bombay military authorities.

The gun is constructed on the model of a service Armstrong 9-pounder breech-loader as regards outward appearance, and approximately comes up to it in dimensions, weight, and also in weight of projectiles.

It is, however, not apparently a built-up gun like those in the service (that is, formed of a tube of coiled iron with the several pings or strengthening jackets shrunk on), but is turned out of a single block of wrought iron.

FORT WILLIAM ARSENAL, CALCUTTA.

WALL PIECE.

An enlarged fire-arm mounted on a swivel and placed on the walls of a fort or other fortified place.

It may be said to be obsolete, but is sometimes issued in India. Wall pieces are considered useful after the capture of a native fort to strengthen its defences.

At the late siege of Strasburg the Germans made considerable use of this nature of arm. They still have a small arm of this description in their service. It is a breech-loader on the principle of the Manser rifle, with which the whole of the German army is now armed.

ORDNANCE.

By the term "Ordnance" is understood in the British service any description of warlike stores; but its special signification as used by the artillery comprehends every gun and every projectile fired from a gun; it also signifies a portion of the material forming the equipment of that branch of the military service. "Ordnance" as applied to guns comprehends "smooth-bore" and "rifled," breech-loading and muzzle-loading.

"Smooth-bore" ordnance comprises cast iron and bronze guns, howitzers, and mortars ranging from 112 cwt. to ¼ cwt.

Cast-iron guns were first made in England in 1545, but bronze pieces had been made long before that date. In 1717 the so-called brass foundry was established and there the bronze ordnance for the British service has been principally made, some natures, as the 4⅘-inch howitzer and mortar having been manufactured from its earliest establishment.

Cast-iron guns were supplied by contractors and proved by Government officials.

The oldest smooth-bore guns in the service were made between 1780 and 1822, when Sir Thomas Bloomfield was Inspector-General of Ordnance, and are known by the name of "Bloomfield guns." They have a considerable amount of ornamentation on the exterior. Generals Sir W. Congreve, Sir A. Dickson, and Millar, Mr. Monk, and Colonel Dundas introduced improvements on "Bloomfield's guns," and the guns made by them bear their names. No smooth-bore guns of cast iron

or bronze for service have been made in England since 1859, when the superses sion of smooth-bore by rifled ordnance commenced.

In 1864 the Admiralty proposed the construction of large smooth-bore guns of wrought iron for penetrating iron-clad ships at close quarters. Two natures, 150-pounders and 100-pounders, were made, being built on the Armstrong coil system. Better results were, however, obtained from the rifled guns shortly afterwards introduced, and their manufacture was abandoned.

These were the last smooth-bore ordnance introduced to the service, and the only description made of other materials than bronze or cast iron.

Classification.

All smooth-bore ordnance are classified as follows:—

Cast-iron ...	Guns, Carronades. Howitzers. Mortars.	Bronze ...	Guns. Howitzers. Mortars.

Smooth-bore ordnance are also divided into "Land Service" and "Sea Service," and many pieces were common to both. Smooth-bore pieces for firing solid shot are designated by the weight of the shot in lbs. and of the piece in cwt., as the 68-pounder of 95 cwt.; those for firing shell by the calibre in inches and the weight as before, as the 8-inch mortar of 9 cwt.; the 32-pounder, 24-pounder, and 12-pounder bronze howitzers are, however, exceptions to this rule.

The weights given are only nominal, as there is often a difference of 2 or 3 cwt. between pieces of the same nature.

"Rifled guns" are guns in which two or more spiral grooves are cut by the operation of rifling, so as to give a rotatory motion to the projectile.

The pre-eminence of rifled guns over smooth-bores is established in all armies of the world. Their penetrating power is enormous, as will be seen from reports on rifled guns against armour plates.

Since the year 1600 many rifled cannon had been tried, but they were not introduced before 1854, the date of the Crimean war. The first rifled guns employed by the British Army were a few old cast-iron smooth-bore 8-inch 68-pounder pieces, made oval in the bore and so converted into two-grooved rifled guns on the Lancaster principle. They were used during the Crimean war, but their shooting was very irregular, and the shot frequently jammed in the bore. About this time a number of rifled pieces were tried in England and other countries, and Sir. W. Armstrong brought forward his wrought-iron breech-loading rifled guns, which were officially tried in 1854, and seemed to answer very well. They were tested against smooth-bore bronze guns, and found to hit harder and to carry further, and also to make very much better shooting, it having been proved by experiment that a breech-loading rifled gun could make better practice at two miles than the smooth-bore could at one. A contract was made with the Elswick Ordnance Company, and the manufacture of these guns commenced at the Royal Arsenal, Woolwich, in 1859. The field artillery was equipped with them, and they have been used in the wars in New Zealand and China, and gave very satisfactory results. The breech arrangement was, however, very complicated and liable to get out of order, and it was thought that a simpler arrangement would answer better. This led to the adoption of the present muzzle-loading system, no breech-loading guns having been made since 1864, and the whole of the field artillery is now armed with muzzle-loading guns.

Armstrong's guns are all rifled on the polygroove system, whereas nearly all the muzzle-loading guns in the service are rifled on the Woolwich system, *i.e.*, a comparatively small number of deep grooves. The projectiles on the former system were rotated by means of a lead coating which entered the grooves, and in the latter system by means of soft metal studs.

The introduction of muzzle-loading field guns was followed by the manufacture of heavy guns on the same principle till at present we have the 80-ton gun of 16 inches, the largest gun yet made at the Royal Arsenal, Woolwich, and the 100-ton gun of 17·72 inches, manufactured by the Elswick Ordnance Company at Newcastle on Tyne. It is very likely that for use on boardship, where space is limited, breech-loading guns with a simpler breech arrangement will be adopted, a number having been lately manufactured and introduced to the service. Rifled ordnance is of two kinds, viz., guns and howitzers.

Carriages, artillery, embraces all natures of carriages for transport and service of guns, their ammunition and stores.

Those on which land guns are mounted are of three natures, field (includes mountain), garrison, and siege. Since the introduction of rifled muzzle-loading guns the carriages are made of wrought iron (latterly of steel also), though there are still wooden carriages in the service, but these will eventually be replaced with iron ones. Woolwich possesses one of the finest carriage factories in the world, in which naval as well as military carriages are manufactured. This factory or carriage department of the arsenal as it is called was first organized in 1803, and has gradually developed into a first rate establishment. The system on which all wrought iron carriages in use in the British service are built up is that known as the bracket system. Mortars on service are mounted on what are called beds.

A detailed description of the carriages exhibited will be found on the label of each. They comprise a field, siege, and mountain carriage.

HAND MORTAR.

The box which contains this mortar bears the following inscription:—

"This hand mortar was fired and proved at Woolwich on the 30th December 1881, a period of general peace in Europe, and was presented to the Hon'ble Directors of the East India Company by Lieutenant-Colonel Fyers, Royal Horse Artillery, by whom it was invented. Being a light and simple means of projecting loaded shells at short ranges."

The lid has also a range table; 5½″ and 4⅘″ shells can be fired from it. It is of course only a toy, and was never intended for service. When being fired it was suspended in the iron sling.

CARTRIDGES, CANNON.

These have superseded the obviously clumsy and dangerous method of loading guns with loose powder weighed on the spot out of barrels or receptacles. This, however, appears to have been the practice up to the early part of the 17th century. Paper was then used as an envelope or as it is called in the service a cartridge. This, though an improvement, was still defective, as the paper was not strong enough, and it was superseded by serge cloth or flannel, which terms are used indiscriminately to denote the same thing. The materials at present used for cartridges in the British service are serge and silk cloth, except for the cartridges of the newly introduced 13-pounder gun, and for the very small charges of 4 and 2 oz. for the 7-pounder mountain guns, which are made of shalloon, a material much the same as serge.

Silk cloth, which was at first called "amiantine," will eventually supersede serge as a material for cartridges. It is made of the refuse of silk, and is stronger than serge, and not so liable to smoulder or "hold fire." It is therefore safer to use. Cartridges of both materials are shown.

SMALL ARMS.

FLINT LOCK MUSKETS AND CABBINES.

Flint lock fire-arms were introduced into the French Army in 1652, and into the English Army in 1680. They were at first issued to Grenadiers, the match-lock continuing to be the general arm for some years longer. Flint lock muskets continued the arm of British infantry, till as recently as 1839, when percussion arms were introduced, a pattern being sealed in 1841, but 11 years afterwards one regiment stationed in India was still in possession of them, exchanging them for the percussion musket on its embarking for the Burmese war.

The carbine, which was adopted for certain regiments of cavalry, hence called "carabineers," gave way to the percussion carbine about the same time as the flint lock musket was superseded by the percussion arm for infantry.

PERCUSSION ARMS, SMOOTH-BORE AND RIFLED.

The percusion lock was invented by Revd. Mr. Forsyth in 1807, and was then generally adopted for sporting purposes. Arms with the percussion lock were used by the French in 1830, but none were issued to the English army till 1839; but one regiment stationed in India was in possession of flint lock arms as lately as 1852.

Rifle barrels to firearms were known as far back as 1500, but the grooves were without twist. Spiral rifling dates from 1600. The first pattern rifle was not approved in England till 1800. It was light and handy, and had a sword bayonet.

The total length with sword bayonet was five feet, and the weight was 9lbs. 9 oz. The calibre was ·618 inch, and twist 1 turn in 10 feet. The ball was first driven into the bore by a small mallet, and afterwards forced home by a strong rammer. The "Brunswick two-grooved" rifle with a belted ball was introduced in 1837.

The "Minie" rifle purchased and served out to the army in 1851 was the arm of the infantry in the Crimean war. A pattern rifled, called the "Enfield," because made at the Royal Small Arms Factory, Enfield, was adopted in 1853, and carbines on the same principle were subsequently made. Enfield rifles were first issued in India to the British regiments which took part in the Persian war of 1857. The Royal Engineers had a special arm, viz., "Lancaster's oval-bore rifle." This rifle continued the arm of the British Army till superseded by the breech-loader about 1866, and a great number were converted from muzzle-loaders to breech-loaders on the principle proposed by Mr. Jacob Snider, junior, the great object of which was to utilise the existing arm. Previous to this a great number of trials had been made of various breech-loading arms, principally carbines. Amongst others "Sharpes" and "Westley Richards" were issued to cavalry experimentally. "Sharpe's breech-loading carbine" was patented in 1843.

SNIDER BREECH-LOADING ARMS.

Introduced in 1866, and were the first breech-loading arms which were issued to the British infantry, their introduction being hastened by the lessons learned from the Austrio-Prussian war of that year. Those issued first were Enfield muzzle-loading percussion rifles converted, but afterwards entirely new arms on this principle were made, steel barrels and interchangeability being also introduced in these new arms. Mr. Snider's principle was afterwards applied to several descriptions of rifles and carbines. Interchangeable carbines both for artillery and cavalry were also made. The calibre of the Snider is ·577 inch, and the number of grooves is 5. The twist of the rifling is slow.

Sniders are now superseded by the Martini-Henry in the regular British service, but a great number are still in the hands of the militia and volunteers.

It is the recognized arm of all native troops in India. But one kind of ammunition is made for all kinds of Snider arms, rifles, or carbines. Two sizes of Snider rifles are made, the smaller being called the "short pattern;" it is fitted to take a sword bayonet, and the longer one takes the common bayonet.

MARTINI-HENRY BREECH-LOADING ARMS.

Introduced in 1874, a great number of infantry regiments at home being served out with them during that year. The barrel is rifled on the principle of Mr. Henry, an Edinburgh gunmaker, and the breech action is the invention of Martini, a continental gunmaker. Carbines both for artillery and cavalry were introduced about three years later, and the whole of the regular troops of the British army have now been armed with small arms on this principle. The calibre is ·45 inch, the number of grooves 7, and the twist rapid, 1 turn in 22 inches.

BAYONETS.

Bayonets were at first made to screw into the muzzle of the barrel, and were awkward as they had to be removed when firing, but the introduction of the socket bayonet in the beginning of the 18th century, which very much resembled the present pattern common bayonet, remedied this defect, and caused the pike to disappear as a weapon of the regular troops.

The present common bayonet for the Martini-Henry rifle is four inches longer than that for the Snider, and was adopted in 1877 in order that the total length of the Martini-Henry (which is shorter than the Snider rifle) with bayonet might be equal to the Snider.

Sword bayonets with various modes of attachment have also been introduced.

Garrison, artillery, Royal Engineers, rifle regiments, and the Sergeants of line regiments are armed with sword bayonets.

The garrison artillery sword bayonet is much longer than the others, and is straight with a saw back and a guard hilt.

The others are alike, and have a plain cross guard: all the guards have an aperture on one side which exactly fits the muzzle of the rifle or the carbine, and together with the spring catch serves to secure it.

PISTOLS, MUZZLE-LOADING, SMOOTH-BORE, AND RIFLED.

The history of pistols is almost a repetition of that of the musket. They formed part of the offensive arms of the first hussars raised in Hungary in the middle of the fifteenth century. The pistol was, however, partly superseded by the carbine. The changes which were introduced in muskets also affected the pistol. Percussion pistols formed part of the arms of some British cavalry regiments until quite recently.

They are now, however, replaced by carbines, which form part of the arms of all British cavalry at present.

REVOLVERS, BREECH-LOADING AND MUZZLE-LOADING.

The first revolvers were simply pistols with four or more barrels, and which revolved round a central spindle or rather were caused to revolve as after each discharge the next barrel was brought under the hammer by turning it round. A cylinder was afterwards adopted and arranged to revolve with the mere action of cocking: such were Colt's first revolvers.

Adams' revolvers were an improvement on this, again, as the mere releasing and pulling the trigger served to cock and discharge the weapon, so that all the chambers could be discharged in quick succession. The percussion arrangement which these had and which necessitated muzzle-loading gave way to the breech-loading central fire, which is the system adopted for all military revolvers.

Revolvers appear to have been used by the navy before their adoption for the army, as the first Adams' breech-loader, which was a conversion from a muzzle-loader, was introduced in 1868 for the navy. It had five chambers.

An entirely new revolver with six chambers and interchangeable was introduced in 1872, also by Adams, and in January 1878 was adopted in supersession of the rifled percussion pistol. Tranter's breech-loading revolver was also introduced in July 1878, but both Adams' and Tranter's are now superseded by the pistol made at the Royal Small Arms Factory, and called the "Enfield revolver," which is a self-extractor, and was approved in 1880. Revolvers were known in the seventeenth century.

Staff sergeants of cavalry and infantry and the British and native officers in the Indian Army are armed with this weapon in addition to their swords.

SWORDS.

Swords, which are the indispensible weapon of all mounted men, dispute with the spear or lance as to which is the most ancient weapon. The first swords were of bronze, and were short, straight, and heavy. Short cutting swords without points were part of the arms of the Greek cavalry. The sword of the first Roman cavalry was only 13 inches long. Various nations have at all times had their own peculiar patterns. Eastern nations retaining the curved sword to this day. The swords of Highlanders of Scotland were two-edged and perfectly straight; they had a basket hilt which entirely enveloped the hand. This description of sword is till retained in the present Highland regiments, The cavalry sword was formerly more curved than at present, for example the pattern 1822 sword. The cavalry swords at present in the service are as follows:—

Pattern, 1853	...	...	... Barred hilt of iron.
Do., 1864	...	...	... Solid hilt of steel.
Do., 1882	...	...	... Ditto ditto.

The blades of the first two are identical, and that of the last (of which there are two patterns, a long and short one, with about 3 inches difference in the length) is much like the former, but is lighter and better balanced. Pattern 1853 and 1864 can be altered to 1882 pattern.

There are various patterns of swords for Staff Sergeants, drummers, mountain batteries, and for Staff Sergeants of Highland regiments. The blades of all Staff Sergeants' swords, except for Highland regiments, are alike. The sword for drummers and bands of British infantry is short and straight.

Mountain batteries in India and the drummers of native infantry regiments are armed with a long curved sword. The sword or claymore for Staff sergants of Highland regiments is of the pattern described above.

LANCES.

Lances lay claim to be the oldest weapon of offence. Alexander's cavalry were armed with the lance. During the middle ages the lance was the peculiar weapon of the knight, and none but freemen were allowed to use this weapon. On the invention of gunpowder and its application to firearms the lance fell into disuse. In 1807 Napoleon raised an experimental regiment of Polish lancers, to which he soon added five more Polish and seven French. These have been the model for all lancers of Europe. At Waterloo a regiment of French lancers told severely on the household brigade. At Aliwal they decided the day in our favour. The following are the pattern lances which are or have been recently in the British service:—

Pattern, 1858, with a bamboo stave and a very unsightly head.
Do. 1860 with an ash stave and an improved head.
Do. 1868 with a bamboo stave is the present service pattern

SMALL ARMS.

Martini-Henry rifle—

Barrel, steel.
Bore, ·450 inch.
No. of grooves, 7.
Twist of rifling, 1 turn in 22 inches.
Length, 4 feet 1 inch.
Weight (without bayonet), 8 lbs. 12 oz.

Bayonet and leather scabbard—

Common for Martini-Henry.
Rifle, long.
Length of blade, 22⅛ inch.
Weight of bayonet, 24 oz.
Foresight protector for Martini-Henry rifle.

Snider rifle, long—

Barrel, steel.
Bore, ·577 inch.
No. of grooves, 5.
Twist of rifling, 1 turn in 48 inches.
Length, 4 feet 6 inches.
Weight (without bayonet), 8 lbs. 14 oz.

Bayonet and leather scabbard, common for Snider and Enfield rifles, short—

Length of blade, 17 inches.
Weight of bayonet, 18 oz.

Snider rifle, short—

Barrel, steel.
Bore, ·577 inch.
No. of grooves, 5.
Twist of rifling, 1 turn in 48 inches.
Length, 4 feet.
Weight, 8 lbs. 12 oz.

Sword bayonet and leather scabbard for Snider and Enfield short rifles (as altere to fit Martini-Henry)—

Length of blade, 22⅛ inches.
Weight of sword bayonet, 2 lbs. 8 oz.

Enfield rifle, pattern ·53, with common bayonet and scabbard—

Barrel, iron.
Bore, ·577.
No. of grooves, 3.
Twist of rifling, 1 turn in 78 inches.
Weight with bayonet, 9 lbs. 12 oz.

Enfield rifle, short, pattern ·60 with sword bayonet and scabbard—

Barrel, iron.
Bore, ·577 inches.
No. of grooves, 5.
Twist of rifling, 1 turn in 78 inches.
Weight with sword bayonet, 10 lbs. 4½ oz.

Martini-Henry artillery carbine—

Barrel, steel.
Bore, ·450 inches.
No. of grooves, 7.
Twist of rifling, 1 turn in 22 inches.
Length of carbine, 3 feet 1 1/16 inches.
Weight with sword bayonet, 9 lbs. 4¾ oz.

Artillery sword bayonet and leather scabbard for Martini-Henry carbine—

Length of sword bayonet, 31¼ inches.
Ditto blade, 25¾ inches.
Ditto saw, 9¼ inches.
Breadth of blade, 1 3/16 inches to 1 Inch.
Weight of bayonet and scabbard, 2 lbs. 2¾ oz.

Foresight protector for Martini carbine. The backsight is protected by a cover of leather.

Snider artillery carbine with sword bayonet and steel scabbard—

Barrel, steel.
Bore, ·577.
No. of grooves, 5.
Twist of rifling, 1 turn in 48 inches.
Length, 3 feet 4 inches.
Weight with sword bayonet, 9 lbs. 1 oz.

Snider cavalry carbine with cover for backsight and protector for front sight—

Barrel, steel.
Bore, ·577 inches.
No. of grooves, 5.
Twist of rifling, 1 turn in 48 inches.
Length, 3 feet.
Weight, 6 lbs. 8 oz.

Enfield artillery muzzle-loading carbine with sword bayonet and steel scabbard—

Barrel, iron.
Bore, ·577 inches.
No. of grooves, 3.
Twist of rifling, 1 turn in 78 inches.
Length, 3 feet 4 inches.
Weight with sword bayonet, 9 lbs. 1 oz.

Smooth-bore cavalry percussion carbine, ·656 inches bore, with a swivel rammer.

Sharpe's breech-loading cavalry carbine (patented 1843). Issued experimentally only to some regiments of British cavalry between 1860 and 1870.

Smooth-bore flint lock musket with bayonet made in 1857—

The pattern used at Waterloo.

Sapper's carbine and sword bayonet, pattern 1857—

Barrel, iron.
Bore, ·577 inch.
No. of grooves, 3.
Twist of rifling, 1 turn in 78 inches.

Brunswick two-grooved rifle with sword bayonet and leather scabbard—

Bore, ·74 inches.
Introduced in 1837.
Some were used in the Afgan war, 1841-43.

Smooth-bore carbine known as Victoria pattern. The late Bengal artillery used this small arm.
Smooth-bore percussion wall piece, 95 inch bore.

Enfield revolver, breech-loading (a self-extracting revolver)—

Barrel, steel.
Length, 5⅞ inches.
Bore, ·450 inches.
No. of grooves, 7.
Twist of rifling, 1 turn in 22 inches.
Weight of pistol, 2 lbs. 8½ oz.

Tranter's revolver, breech-loading—

Barrel.
Length, 6 inches.
Calibre, ·433 inches.
Rifling { No. of grooves, 5. / Twist, 1 turn in 22 inches.
Weight of pistol, 2 lbs. 7⅓ oz.

Colt's muzzle-loading revolver invented by Colonel Saml Colt, U.S.A., and brought out in 1835—

Calibre, ·358 inches.
No. of grooves, 7.
Twist of rifling, 1 turn in 36 inches.
Weight, 2 lbs. 10 oz.

Adams' muzzle-loading revolver, one of the first introduced into the British service for use in the navy—

Calibre, ·443 inches.
No. of grooves, 5.
Twist of rifling, 1 turn in 24 inches.
Weight, 2½ lbs.

Cavalry rifled percussion muzzle-loading pistol, 10-inch barrel—

Barrel, iron.
Bore, ·577 inches.
No. of grooves, 5.
Twist of rifling, 1 turn in 48 inches.
Weight, 3 lbs. 1½ oz.

Cavalry smooth-bore percussion pistol, 8-inch barrel.
Hooked knife and scabbard with two small knives. One of these is the personal property of each man in native infantry, Assam, and Ghoorka regiments, the Government providing a frog in which to carry them on the belt.
Knife dow. Served out to native followers on the Eastern Frontier. It is the weapon of the hill tribes on that frontier, and is also used by the Burmese for cutting brushwood.

Cavalry sword and scabbard—

Pattern, 1882, O pattern.

Cavalry sword and scabbard, pattern 1853. Is now being superseded by the 1864 and 1882 patterns, which have solid hilts—

Length of blade, 2 feet 11½ inches.
Weight of sword, 2 lbs. 7¾ oz.
„ of scabbard, 2 lbs. 1¼ oz.
Total weight, 4 lbs. 9 oz.

Sword, pattern 1866, for Staff Sergeants of infantry of the line, with gilt hilt and gilt mounted leather scabbard—

Length of blade, 2 feet 8⅓ inches.
Weight of sword, 1 lb. 15½ oz.
„ of scabbard, 14 oz.
Total weight, 2 lbs. 13½ oz.

Sword or claymore for Staff Sergeants of Highland regiments, with leather scabbard, hilt of sword, and mounting of scabbard steel—

Length of blade, 2 feet 8⅓ inches.
Weight of sword, 2 lbs. 15¾ oz.
„ of scabbard, 12½ oz.
Total weight, 3 lbs. 8¼ oz.

Sword for Pioneers, with brass hilt and brass mounted leather scabbard—

Length of blade, 1 foot 10⅓ inches.
Weight of sword, 2 lbs. 4¼ oz.
„ of scabbard, 12 oz.
Total weight, 3 lbs. 0¼ oz.

Sword issued to drummers and bandsmen of line regiments, with leather scabbard, pattern 1858.
Length of blade, 1 foot 7 inches.

Weight of sword, 1 lb. 13 oz.
„ of scabbard, 8½ oz,
Total weight, 2 lbs. 5½ oz.

Sword issued to mountain batteries and drummers of native infantry regiments, with scabbard issued to drummers—

Length of blade, 2 feet 6½ inches.
Weight of sword, 2 lbs.
„ of scabbard, 1 lb.
Total weight, 3 lbs.

Lance, pattern, 1868, with bamboo stave. Present service pattern for British lancer regiments—

Length, 6 feet.
Weight, 3 lbs. 14 oz.

Lance, pattern, 1860, with ash stave superseded by the pattern 1868 lance with a bamboo stave—

Length, 6 feet.
Weight, 3 lbs. 12 oz.

ACCOUTREMENTS.

Italian pattern water bottle with leather carriage for mounted corps.
It is made from one piece of wood with the ends let in; the top has a zinc stopper which screws in.
Italian pattern water bottle for infantry and dismounted men.
It differs from the one for mounted men in having a spring on the flat side which slips over the waist-belt.
A carriage is not required with this pattern.
Canvas haversack (white).
For all services except Rifle Regiments, which have the same pattern, but of black canvas.

Belt, shoulder and waist in one, for Mountain Batteries.
Carriage of buff-leather for side drums.
The leather button is inserted between the cords of the drum after it is braced up.
Carriage of brown leather for small side drum, with double spring lock.

TOOLS, &c., FOR INTRENCHING.

Chevaux de frise, complete—

Iron barrel, 6 feet long.
12 spears, each 4 feet 7½ inches long.
Weight complete, 86 lbs.
The spears pack inside the iron barrel for transport; used as an obstacle in fortifications at the foot of the counterscarp or elsewhere.

Sap fork—

Used for pushing on the sap rollers (which are usually made of brushwood) in the construction of saps, &c.

Jones' iron bands gabion—

No. of bands, 10.
No. of wood pickets, 12.
Length of each band, 77 inches.
Breadth, 3½ inches.
Each band will support by the buttons and the button-holes a weight of 512 lbs., and the band itself about 1,500 lbs.
Kajawahs, mule or bullock, iron.
Carry the same tools as the wood kajawah, and is for regimental use only.
Kajawahs, mule or bullock (wood).
For transport of picks, shovels, and other intrenching tools. Each kajawah of the pair carries 10 shovels or 10 pickaxes.
For Engineer service only.

INSTRUMENTS, MUSICAL.

Copper bugle, with mouth-piece and chain.
Universal pattern for all services.
Brass trumpet, with mouth-piece and chain.
Issued to Cavalry and Artillery.
Worsted string for bugles and trumpets, green.
Issued to all regiments which have not Royal titles, such as "King's Own," "Queen's Own," "Royal," &c.
Worsted string for bugles and trumpets, "Royal."
Issued only to "Royal Regiments." The "Royal Rifle Corps" and the "Rifle Brigade" have, however, green strings, although Royal Regiments.

Brass side drum, small, ticken cover.
Superseded by the large pattern, but still in use in many regiments.
Brass side drum, large, with ticken cover.
Approved, January 1875, to govern supplies from the trade.
Issued to all Infantry Regiments except Rifles and those designated "Light Infantry."

Side drum sticks—

The same stick is used with both the large and small drum.

GYMNASIA AND FENCING STORES.

Musket with spring bayonet for gymnasia. An unserviceable percussion arm altered.
Pads for fencing "leg."
Guards for fencing "stick."
Lead-cutting sword and scabbard.
Gauntlet for arm.
Gloves, fencing, left hand.
Gloves, fencing, right hand.
Blunt exercise lance.
Gymnasia shoes.
Wire helmet for fencing (land service).
Wire masks for foil practice.
Pads for fencing, body apron.
Jacket leather, fencing, half.
Jacket leather, fencing, whole.
Wilkinson's practice sword for gymnasia. Originally submitted by Messrs. Wilkinson and Son, Pallmall, London.
Pads for fencing, breast or plastron.
Foil for fencing, complete. The best foils were formerly made by "Solingen," a German manufacturer.
Fencing stick, bamboo.
Belt for gymnasia.
Wrought-iron targets, 6 feet × 2 feet, complete with 2 stays, 4 bolts, nuts and washers. Two targets side by side make a third class target, 3 make a second class, and 4 make a first class.

MISCELLANEOUS.

Infantry pendulum.
One is issued to an Infantry Regiment on its first formation. It is used to accustom recruits to the time when marching, a tap being given on the drum for each vibration.
The long pendulum gives slow, the medium one quick, and the short one double time.
It is practically superseded by the "metronome."

Signalling apparatus.
5-inch heliograph and case. (Pattern for Infantry.)

The heliograph was invented by Mr. H. C. Mance for telegraphing by means of the sun's rays. The Morse alphabet is used. The signals can be read without telescopes up to 50 miles, and in clear weather messages were read up to 80 and 100 miles.

HARNESS AND SADDLERY.

Harness, elephant. Complete equipment for shaft elephant of a heavy battery.

Detail.

Bands, throat	1
Breeching	1
Breast plate	1
Chain backband	1
Cruppers ...	1
Girths ...	1
Guddelahs—	
Large	1
Small ...	1
Lashings ...	1
Paeds, saddle	1
Saddle ...	1
Stirrups, pairs	1
Tracers, chain	2

Hessra, elephant. Complete equipment for lead elephant of a heavy battery.

Detail.

Bands, throat	1
Breast plate	1
Cruppers ...	1
Girths ...	1
Guddelahs—	
Large ...	1
Small ...	1
Lashings ...	1
Pads, saddle	1
Saddles ...	1
Stirrups, pairs	1
Tracers long	2

General service pack-saddle with litters for the transport of sick and wounded men.

This arrangement is not used in India, the "dhoolie" being used instead.

MACHINES FOR TESTING SIGHTS.

Machine used at the Royal Small Arms Factory, Enfield, for testing sighted barrels.

The barred fixed in the machine is used for testing it should it become or be supposed to be inaccurate.

ORDNANCE.

Cartridges for rifled muzzle-loading guns, &c.

These cartridges are made of silk cloth, or as it was first called "Amiantine," and is made of refuse silk. It is stronger and closer than serge, which it will eventually supersede, and is not liable to smoulder.

Cartridges for smooth-bore guns, &c.

These are made of serge (but silk cloth is also used), which will, however, be eventually superseded by silk cloth.

Service cartridge for 68-pounder smooth-bore gun—

Weight of powder	16 lbs.
Description	R. L. G³.

(Actually filled with coal dust.)

Service cartridge for 18-pounder smooth-bore gun—

Weight of powder	6 lbs.
Description	R. L. G³.

(Actually filled with coal dust).

Service cartridge for 24-pounder smooth-bore gun—

Weight of powder	8 lbs.
Description	R. L. G³.

(Actually filled with coal dust.)

Service cartridges for 32-pounder smooth-bore gun—

Weight of powder	10 lbs.
Description	R. L. G.

(Actually filled with coal dust.)

Service cartridge for 9-pounder smooth-bore gun—

Weight of powder	3 lbs.

(Description filled with coal dust.)

Battering cartridges, for 9-inch rifled muzzle-loading gun of 12 tons—

Weight of powder	50 lbs.
Description	P.

(Actually filled with coals.)

Service cartridge for 80-pounder rifled muzzle-loading gun of 5 tons—

Weight of powder	12 lbs.
Description	P.

(Actually filled with coals.)

Service cartridge for 64-pounder rifled muzzle-loading gun of 64 cwt.—

Weight of powder	11 lbs.
Description	P.

(Actually filled with coals.)

ORDNANCE.

Service cartridge for 40-pounder rifled muzzle-loading gun of 35 cwt.—Weight of powder 7 lbs.
Description—R. L. G³.

(Actually filled with coal dust.)

Service cartridges for 25-pounder rifled muzzle-loading gun of 18 cwt.—Weight of powder 4 lbs.
Description—R. L. G³.

(Actually filled with coal dust.)

Service cartridges for 6·3-inch rifled muzzle-loading howitzer of 18 cwt.—

Various charges are used with this piece, according to range or effect required.

Weight of powder varies from 4 lbs. to 1 lb.
Description—R. L. G³.

Service cartridge for 9-pounder rifled muzzle-loading gun of 6 or 8 cwt.—Weight of powder 1¾ lbs.
Description—R. L. G.

(Actually filled with coal dust.)

Service cartridges for 7-pounder mountain gun of 200 lbs.—
Weight of powder in each—12 oz.
8 „
6 „
Description—F. G.

(Actually filled with coal dust.)

Brass gun cast in the Afghan Gun Foundry at Herat—
Captured from Sirdar Mahomed Ayub Khan, at Mazra near Kandahar, 1st September 1880.
Brass howitzer cast in the Afghan Gun Foundry at Herat—
Captured from Sirdar Mahomed Ayub Khan at Mazra near Kandahar, 1st September 1880.
Wrought-iron trough or machine for firing Hales' 9-pounder war rocket.
Hales' 9-pounder war rocket (whole).
This is of an obsolete pattern, but represents as regards outward appearance the present service one; service rockets are now painted *red*.

Hales' 9-pounder war rocket.
(Section.)
Spring spikes for rendering guns temporarily unserviceable by stopping the vent.
(Four sizes for four different guns)

The flat head prevents the spike falling into the gun. The spring can afterwards be compressed and the spike withdrawn.

Common steel spike used to choke up the vent of a gun, so as to render it useless.

Length, 4 inches.
At top, ·27 inch.
At point, ·1 „

It is driven into the vent as far as it will go, and the top broken off close to the gun.
Jagged spike used to render a gun useless by choking up the vent.
A spring spike can be removed, and a common spike may also be removed, but the jagged spike cannot.

Copper gas check for 9-inch projectile.

Fastened on the base of the shell by a plug and nut to prevent the escape of gas over the projectile on the discharge of the gun. It is slightly convex to the rear and on the discharge is expanded so as to fill up the grooves and lands of the gun.

Copper gas check for 6·3-inch howitzer shell (saucer shaped).

Is attached to the base of the shell by a plug only. This gas check also gives rotation to the shell, as there are no studs on the projectiles for the 6·3-inch howitzer.

Copper gas check for 40-pounder projectiles.

Is attached to the base of the shell by a plug only. Its action is like that of the 9-inch and others.

Common shell for 9-inch 12-ton gun with plug and nut for attaching gas check.
Weight, empty, without gas check, nut, &c., 230 lbs. 9 oz.
Bursting charge of L. G. powder, 20 lbs.
Weight of shell filled with gas check, &c., 252 lbs.

FEROZPORE ARSENAL.

MISCELLANEOUS.

Flag—Triangular crimson flag with green border, is a Sikh khalsa flag taken at the action of Sobran.
Flag, Standard, Cavalry Regiment (and Royal).—One black and one crimson, belonging to the second squadron of the 5th Bengal Light Cavalry, which performed the arduous foraging duties with Sale's force at the siege of Jallalabad after the remaining squadrons of the regiment had been cut down to a man at Jagdalak. The regiment was afterwards disbanded at Peshawar at the mutiny.
Horn.—Belonging to the Body Guard of Avitabile, Commander-in-Chief of the Sikhs at Peshawar, taken by Sir W. Gilbert's force.
Flags.—(Scull and crossed bayonets) of the Bengal Volunteers.
Flags, Standard, Cavalry.—Belonging to the 10th Bengal Light Cavalry, who mutinied in 1857 at Ferozpore.
Flags, Infantry Regiment.—Of the 35th Bengal Infantry, Allygarh and Delhi, 1803.
Flags, Standard, Cavalry Regiment (and Royal).—Of the 8th Bengal Light Cavalry, who mutinied at Mian Mir.
Flags, Infantry Regiment—Of the 57th Bengal Infantry, mutinied at Ferozpore.
Flags, Infantry Regiment—Punjab police.
Flags, Standard Cavalry Regiment (and Royal).—Of the 6th Bengal Light Cavalry, who mutinied at Jullunder.
Flags, Infantry Regiment—Sixth Bengal Grenadiers,
Flags, Infantry Regiment—Twenty-eighth Bengal Infantry.
Flags, Standard, Cavalry Regiment—Tenth Bengal Light Cavalry.
Flags, Standard, Cavalry, Royal.

ARMS.

Rifle, Brunswick, two-grooved, pattern 37, bore ·704.
Bayonet, sword, Brunswick rifle, two-grooved.
Scabbards, bayonet, sword, two-grooved.

COSSIPORE SHELL FACTORY, CALCUTTA.

A smooth-bore gun, 3-pounder ornamental, manufactured about the year 18
Muzzle derrick for 9-inch guns.
Sights for rifled ordnance, tangent scale, 9-inch.
Sights for rifled ordnance, tangent scale, 40-pounder.
Sights for rifled ordnance, tangent scale, 9-pounder.
Rocket trough, 24-pounder.
Implements for fuze and shell hook borer.
Implements for fuze and shell keys, iron fuze and plug, G. S.
Instruments for extracting projectiles, rifled muzzle-loading guns, 9-inch.
Instruments for extracting projectiles, rifled muzzle-loading guns, 64-pounder.
Gauges, iron, for shot or shell, rifled muzzle-loading cylinder, 64-pounder.
Knives (manganese phosphor bronze), magazine, small.
Scissors (manganese phosphor bronze), magazine, small.
Needles (manganese phosphor bronze), 4-inch.
Steel yards with weights, complete, 2 maunds.
Vices, portable, saddle-tree makers'.

Vices, bench, large, 10 lbs. 10 oz.
Braces, ratchet, 12-inch.
Bells, metal or ghurry, large.
Lance, with flag.
Blocks, wood, admiralty, iron bound snatch, 12-inch.
Knives, saddler's, gauge plough.
Bell, 24-inch, weight 2 cwt. 2 qrs. 22 lbs.
Scales with brass, beam, and standard for weighing powder.

Rough castings.

Spray of fuze bodies.
Spray of fuze caps.
Spray of wood screws.
Spray of fuze-hole plugs.
Spray of sockets, shrapnel shell.
Spray of tubes, 9-pounder shrapnel shell.
Spray of bushes, common shell.
Sheaves for 12-inch bothways blocks.
Sheaves for 12-inch snatch block.
Sheaves for 8-inch block, rope strapped.
Knife, laboratory.
Scissors, laboratory.
Spray of rivets for fire-engine hose.
Spray of rivets for powder barrel.
Spray of studs, 64-pounder shell.
Spray of studs, 7-pounder shell.
Gas checks, 40-pounder, No. 2.
Gas checks, 40-pounder, bent double.
Gas checks, 9-inch.
Pieces of manganese phosphor bronze (1 partly forged).
9-inch common shell section.
40-pounder shrapnel shell section.
25-pounder shrapnel shell section.
9-pounder shrapnel shell section.
6·3-inch howitzer common shell section.
40-pounder common shell section.
25-pounder common shell section.
9-pounder common shell section.
7-pounder common shell section.
10-inch palliser shell (studded) with gas check.
9-inch common shell studless (with automatic gas check).
6·3-inch howitzer common shell.
9-inch case shot.
64-pounder case shot.
9-pounder case shot.
Components of 40-pounder shrapnel shell, III.*
Bodies—
  Rough castings.
  Neck turned.
Bodies—Stud holed bored.
  Studded.
  Rifled and fitted with head.
  Filled with bullets, rosin, &c.
Gun-metal socket—Rough castings.
  Bored and screwed.
  Fitted in head.

* Showing different operations of manufacture.

Tubes communication—Rough castings.
  Bored and screwed.
  Turned and finished.
  Secured to tin socket.
Heads, iron bar, of atlas iron, with holes, showing discs—
  1*st* operation—forming.
  2*nd* operation—forming.
  3*rd* operation—forming.
  4*th* operation—forming.
  5*th* finished.
  Bored and turned.
  Fitted with socket.
Diaphragms—Bar of iron with holes and discs.
  1*st* operation—forming.
  2*nd* operation—forming.
  Bored and screwed for tubes.
Powder-cup—Tin sheet with holes and discs.
  1*st* operation—forming.
  2*nd* operation—forming.
Cover for powder-cup—Tin sheet with holes and discs.
  Stamped up.
  Fitted on to cup.
  Cup complete.
Plugs for gas checks—Rough castings turned and screwed.
Gas checks, 40-pounder—Rough castings.
  Bored and faced.
  Rifled.
  Finished.
Tin sockets for tubes, gun metal } Tin sheet with holes and pieces cut out.
  1*st* operation—bending.
  2*nd* operation—bending.
Headswood—Bored and cut off to length.
  Turned and finished.
Gas checks, 6·3-inch, bar of copper disc.
  1*st* operation—forming.
  2*nd* operation—forming.
  Finished.

THE SMALL ARMS AMMUNITION FACTORY, DUM-DUM.

Box, wood, ammunition, small-arm, with tin lining, service pattern, for Martini-Henry rifle ammunition.
Ditto ditto ditto Snider ammunition.
Ditto ditto ditto revolver, Enfield.
Cartridge, S. A., ball, rifle B. L., Martini-Henri, mark III.*
Ditto carbine ditto mark III.
Ditto rifle or carbine, B. L., Snider service, mark IX.*
Ditto ditto Snider buckshot, mark II.

N. B.—Articles marked thus* are shewn in all stages of manufacture.

Cartridge, S. A., ball, rifle, B. L., Martini-Henry buckshot.
Ditto pistol revolver, Enfield B. L., mark III.*
Ditto ditto Adams, B. L, mark III.*
Ditto S. B. musket and fuzil, 3½ drams 656 bore.*
Ditto buckshot, S. B. ·656 bore pounder 2½ drams.
Cartridge, machine gun, ball, Gatling ·45 inch.*
Ditto ditto, Nordenfelt, 1 inch.*
Cylinders, tin, for war stores (various).
Detonator, electric, No. 5, high tension, Abel land service, mark II.
Detonator No. 8. for *safety fuze, mark II.*
Detonator, electric, No. 9, low tension, naval service, mark III.
Ditto No. 12, low tension, submarine, mark II.
Ditto No. 13, ditto land service, mark I.
Detonator No. 15, for instantaneous fuze, mark I.
Detonator, electric, No. 18, drill I.
Fuze, electric (No. 1), high tension, Abel, mark III.
Ditto (No. 14), low do. land service, mark I.
Ditto (No. 18), disconnecting, submarine, mark I.
Fuze, percussion, direct action, mark I.*
Ditto plain breech-loading.
Ditto R. L., mark II.
Ditto Pettman, general service, mark I.
Ditto ditto ditto II.
Fuze, time, wood, boxer breech-loading, 20 seconds, mark II.
Ditto ditto ditto 9 ditto II.*
Ditto ditto ditto 5 ditto I.*
Ditto ditto common, mark I.*
Ditto ditto diaphragm shrapnel.*
Ditto ditto mortar, large, mark I.*
Ditto ditto ditto small do. I.
Ditto ditto muzzle-loading, 0 seconds, mark I.
Ditto ditto ditto 20 ditto III.
Ditto ditto ditto 15 ditto II.*
Ditto ditto ditto 9 ditto III.
Ditto ditto ditto 5 ditto III.
Gauges for components of Martini-Henry cartridges, one complete set.
Light illuminating wrecks.
Ditto long, coloured, blue.
Ditto ditto green.
Ditto ditto red.
Ditto signal magnesium.
Lining, tin, for small-arm ammunition boxes.*
Primer, brass, shrapnel shell.
Ditto, boxer, light, general service.
Rocket, call.
Ditto signal, 1 lb., mark II.
Ditto ditto ½ lb. do. II.
Ditto sound, gun-cotton, ½ lb.
Ditto war, Hale's, 9-pounder, mark IV.*
Tube, electric, No. 4, high tension, Abel, for guns.
Ditto No. 10, low tension, naval service.
Ditto No. 11 ditto for drill purposes.
Tubes, friction, copper, service, long.
Ditto ditto short.*
Ditto ditto 7-pounder R. M. L. gun.
Ditto, quill, with loops, long.
Ditto ditto short.

N.B.—Articles marked thus * are shewn in all stages of manufacture.

ISHAPORE GUNPOWDER MANUFACTORY.

THE MANUFACTURE OF GUNPOWDER.

CLASS A.—MATERIALS.

Brimstone.	Charcoal.	Saltpetre.
Grough ...	1 Burnt, 3½ hours ...	1 Crystallized.
Refined ...	1 Do., 4½ to 5 hours ...	1 Grough.
Refined and pulverized	1 Do., 8 hours ...	1 Refined.
		1 Refined and ground.

Graphite for glazing powder ...	1 Urhur wood for charcoal.

CLASS B.—GUNPOWDER.

First Stage of Manufacture.

Green charge ...	1 Milk cake ...	1 Press cake.

Second Stage of Manufacture.

In which it assumes its proper form and size of grain.

Pebble ...	1 R. L. G³. ...	1 R. L. G².
R. F. G². ...	1 F. G. ...	1 Pistol.

Third Stage of Manufacture.

In which the grain is glazed and finished.

After glazing.	Finished.	
R. L. G³. ...	1 Pebble ...	1 R. L. G.
R. L. G². ...	1 R. L. G³. ...	1 R. F. G.
F. G. ...	1 R. L. G². ...	1 F. G.
Pistol ...	1 Rifle pistol ...	1 Pistol.

1 Adam's pistol.
1 Barrel, powder, teak, with four copper hoops, 25 lbs.

GUNPOWDER, MISCELLANEOUS SPECIMENS.

After glazing.	Finished.	
1 Prism.[2] Waltham Abbey	1 Prism. experimental ...	1 Country-made, 1st quality.
1 Cylindrical ditto ...	1 E. C. Rifle	1 Ditto, 2nd ditto.
1 P.[2] ditto ...	.....	1 Ditto, 3rd ditto.

THE "ARMY CLOTHING AGENCY," ALIPORE.

Specimens of the material used in clothing the army.

By Dr. Temple Wright (Superintendent, Central Prison, Nagpore).

Dooly.
Ambulance cart.
Chuckra.

Tent equipment.

Field service filter.
Ditto ditto.
Uniform (Beloochee).
Anti-scorbutic *Amchur and Patwa.*
Weapons for Kahars.

By Brigadier-General H. C. Wilkinson, C.B.

ON THE WEST SIDE OF THE MILITARY ANNEXE.

1. A moving target for musketry practice. This target requires no rope or pulling, and is free from liability to damage. It carries one 6 feet × 2 feet service target, upon which the figure of a man or tiger is outlined.

INSIDE OF THE MILITARY ANNEXE.

2. One set of British cavalry saddlery in "complete marching order," service pattern.

3. One complete set of new pattern British cavalry saddlery in "complete marching order" (about to be introduced into the service). The front arch of this saddle is composed of tubular steel, and the rear arch of flanged steel These arches are more than three times as strong as the present service pattern.

4. One set of light cavalry saddlery, as worn by the 6th Prince of Wales' Bengal Cavalry.

5. One set of light cavalry saddlery, as worn by the 7th Bengal Cavalry.

6. One set of light cavalry pannels proposed by Colonel Mackenzie for native cavalry and in use by the 3rd Bengal Cavalry.

7. One set of light cavalry saddlery, as proposed by General Wilkinson, with improved canvas water bag.

8. One improved mule pack saddle, with a pair of light wicker mule trunks; weight of the pair, 30 lbs.

9. One "bucking bit" invented by Captain H. M'Gee, Riding Master, 10th Hussars. This contrivance prevents a horse from bucking.

10. One "stirrup lantern." This can be used for night-signalling, or in lieu of a torch to show road at night.

11. A new and improved light cavalry sword, latest service pattern (not yet issued to any troops).

12. A pair of spring lances. For use in sword *v* lance and lance *v* lance competition. Designed by Major H. C. Wilkinson, 16th Lancers.

13. Three specimens of Wallace's entrenching tools, service pattern.

14. One officer's service kit, for ordinary campaigning. As recommended for "medium" weather) by the Cabul Committee on equipment, 1882; total weight under 80 lbs.

15. Some extra items for the use of staff and field officers.

16. One pair of picket lamps. Designed by Major Frank James, BOM. S. C. A lamp for camp use and night-signalling. This light is visible five miles with the naked eye, and about 15 miles with glasses. Cost complete, £3 each.

17. One specimen of a heliograph. Believed to be the first ever used in manœuvring troops. Designed by Major H. C. Wilkinson, Commanding the 6th Lancers, 1870. In signalling with this heliograph, the instrument is not touched, so that when once adjusted the flash remains on the distant station, and is only deranged by the revolution of the earth. In all other heliographs the glass itself is moved to form each signal. This often deranges the adjustment, especially when the instrument stands on soft ground.

EXHIBITS OUTSIDE THE MILITARY ANNEXE TO THE WEST AND NEAR THE BOUNDARY WALLS.

18. Two brick and lime silos. For the ensilage of grass and green forage of all descriptions. Ordinary grass needs no preparation, green barjery, juary, and Indian-corn, &c., must first be cut into short lengths of about one inch. The forage is then placed in the silo and trodden down by the feet of men or cattle; the greater the weight thus applied the better.

When the silo is filled to within one foot of the top, earth of the most clayey nature procurable is placed on it, and such pressure as can conveniently be procured is added, while the earth is rammed to the depth of at least 18 inches. The silo should be loaded expeditiously, when the grass will not shrink above 18 inches or two feet.

It will be seen that the sides of the silo, for the first 5 feet from the top, are perfectly perpendicular; this permits the superincumbent mass of earth to settle down smoothly with the grass without disruption. The cracks that will appear close to the wall all round, caused by this settlement of the grass, must be filled up daily for about a fortnight with moist mud, cowdung, &c. After about a fortnight little change takes place in the ensilaged forage, and if the operation is carefully performed, the grass at the end of six months will be found very little changed from the day it was put in. It is quite as nourishing, and more easily digested than green grass.

Silos may be constructed of any length.

19. A pair of silos constructed (on the same principle), but entirely of earth. These silos cost nothing but manual labour, and if carefully prepared, would be as efficacious as the masonry ones. Great pressure must be applied in each case, and the air must be excluded; if this is done, the ensilage is sure to be successful.

By Private W. Clarke, 17th Leicestershire Regiment.

1 Model of a bridge.

1 Perspective drawing instrument. With the aid of this simple contrivance any object can be drawn in perfect perspective.

CALCUTTA COURT.

SECTION A.—FINE ARTS.

CLASSES I TO VI.

BOURNE AND SHEPHERD, 8, Chowringhee.—Photographs, views, and portraits; Permanent enlargements on paper and porcelain, plain and colored in oil and water colors; oil paintings.
EDMOND (J. M.) AND Co., 27 and 28, Bentinck Street.—Drawings.
MOOKERJEE (J. N.), Art Studio, 185, Bow Bazar Street.—Paintings, engravings, lithographs, scrap and picture books.
MULLICK, PYNE AND Co., 36, Choonam Gully, Colootollah Street.—Playing cards with designs of Hindu gods & goddesses.
NEWMAN (W.) AND Co., LD., 4, Dalhousie Square, Calcutta.—Pictures; Christmas cards; engravings; maps; ball and menu cards.
Pictures.—An aquagraph representing the army under General Roberts on the march from Kabul to Kandahar.
A chromo-lithograph—"The Indian Contingent in England."
Six oil colored Plaques of views in Calcutta and the neighbourhood.
Christmas Cards—Engravings and Maps—Ball and Menu cards, &c.
THACKER, SPINK AND Co., 5 and 6, Government Place.—Frith's photo-pictures.
TRAIL (D. M.)—Pictures.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS.

CLASSES VII TO XV.

BIBLE SOCIETY, 23, Chowringhee Road, Calcutta.—Bibles and other Christian books in oriental languages published by The Religious Tract Society, The Calcutta Vernacular Education Society, and their Indian auxiliaries, &c. Common depôt: Bible and Tract House, 23, Chowringhee Road.
BYSACK (DOYAL CHAND), 6, Lower Circular Road, Bhowanipur.—Vernacular maps.
DATTA (SRIS CHANDER) 11, College Street, Calcutta.—Marking ink and printing ink.
DE NEGRI AND Co., 6, Lower Circular Road,—Millboards, paste-boards, cards, and fancy boxes.
HAROLD AND Co., 3, Dalhousie Square.—Musical instruments.
Harold's solid sympathetic grand square pianos; Schiedmeyer and Soehne's pianos (of Stuttgart); Mason and Hamlin's American organs; Smith's American organs; organista orchestrinas; musical boxes; silvered military band instruments.
JELLICOE (W. E.), Lindsay Street.—Menist's perfect pebble spectacles.
LINDE (F.), 4, Sudder Street.—Indian maps, pamphlets, and telegraph codes.
MUKARJHI (J. N.), Calcutta Art Studio, 185, Bow Bazar Street.—Alphabetical sheets, copy books, and artists' materials.
MURRAY (JAMES), 11, Dalhousie Square, East.—Musical boxes, electrical and scientific instruments.
The electric bells, telephones, transmitters, relays, &c., are all made in Calcutta by native workmen under European supervision.

NEWMAN (W.) AND Co., LIMITED, 4 Dalhousie Square, Calcutta.—Publications; printing; book-binding; staticnery; surveying and mathematical instruments; optical instruments; artists' materials; stationery requisites.
Instruments.—A 6-inch transit theodolite.
A 6-inch railway transit theodolite without vertical are, prepared especially for India.
10 and 14-inch dumpy levels with the lines of collimation placed between two pieces of glass, so that the eye-piece can be removed and cleaned without disturbing the thread.
3 & 4-inch prismatic compassès; 100-feet steel measuring tape with nickel figures.
Various sets of scales.
An improved Abney level.
Improved clinometer.
Sets of drawing instruments.
Binoculars, opera glasses.
Astronomical binoculars, &c., &c.
Artists' Materials.—Materials for oil and water-colour painting.
Metal despatch boxes.
Cash boxes.
Copying presses.
Fancy leather goods.
RAMCHAND (HAZARIMAL), 33, Raja's Kuttra, Burra Bazar.—Ivory work.
SMITH (T.), City Press, Bentinck Street.—Stationery, printing, and book-binding.
SOLOMONS & Co.—Meteorological instruments.
THACKER, SPINK AND Co., 5 and 6, Government Place.—Publications, engravings, die-sinking, picture framing, book-binding, stationery.
THOMSON (JOHN), 5, Commercial Buildings.—Black and colored writing, copying and marking inks, sealing wax; of local make.
TRAIL (D. M.), 20, British India Street.—Steel pens, stationery, and printing.
WOOD (J. N. T.), 9, Hill's Place.—Jeypur map in Hindi characters.

SECTION C.—HEALTH.

CLASSES XVI TO XXII.

BATHGATE AND Co., 17, 18, and 19, Old Court House Street.—Drugs and medicines.
BEGG, DUNLOP AND Co., 12, Mission Row.—Dr. Gray's patent improved rapid water filter.
DATTA (SRIS CHANDER), 11, College Street.—Tinctures.
DATTA (SRIS CHANDA), Peacock Chemical Works, College Square, Calcutta.—Pharmaceutical and chemical preparations, stethoscopes.
DATT (S. C.) AND Co., Homœopathic Chemists and Druggists, 30, College Street.—Homœopathic medicines and medical requisites.
DEY (PREOLAL).—Indian non-alcoholic lime-juice.
GHOSHAL (DENO NATH AND Co.), Canning Street.—Medicines, &c.
MITTRA AND Co., 1, Mirzapur Street, College Square.—Medicines.
RAY (TARRAPRASSANA) & DATTA (RAMCHANDRA), Medical College.—Indigenous drugs.
SMITH, STANISTREET AND Co., 9 & 10, Dalhousie Square.—Drugs, medicines.
SOLOMONS & Co.—Spectacles.
WALDIE (DR. DAVID), 3½, Hastings Street.—Drugs.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING-HOUSES AND OTHER BUILDINGS.

CLASSES XXIII TO XXXVII.

ARLINGTON AND Co., 3B, Dalhousie Square.—Plated-ware, cutlery.
BURN AND Co., 7, Hasting's Street.—Raniganj pottery and earthenware.
CHOTAY LALL, 47, Raja-ka Kuttra, Barra Bazar.—Worked cushions, tables, chairs, table-covers, and a variety of Benares brass ware.
CLARKE (F. T.), Lindsay Street.—Fancy articles, Indian-made brass work, marble inlaid, silver, copper, ivory work, enamel, garnets, and old arms.
DATT (RAM CHANDER) AND Co., 79, Clive Street, Calcutta.—Metals, hardware, cutlery.
DAW (SHIB KRISTO) AND Co., 30, Clive Street.—Metals, hardware, cutlery.
DESCHAMPS AND Co., 5, Mango Lane.—Furniture.

Dining room furniture in teak wood, lined claret morocco—comprising a sideboard, 2 whatnots, 6 armchairs, 6 armless chairs, and one table.

Library furniture in rosewood, richly carved, lined red morocco—comprising one book case, 1 writing table, 1 sofa, 1 armchair, 1 armless chair, and 2 fancy chairs.

A carved cabinet in rose and sandalwood.

DUNN AND Co., 47, Bentinck Street.—Furniture.
EDMOND (J. M.) AND Co., 27 & 28, Bentinck Street.—Furniture, carvings.
HAMILTON AND Co., Jewellers, Old Court House Street.—Chiming clock, bronzes, marbles, clocks, and watches.

This exhibit includes a collection of bronzes, porcelain vases of Sevres manufacture, painted by hand with original designs, and ormolu mounted in massive style, marble and bronze columns, a very handsome English clock, and many other works of art. *See also miscellaneous Indian exhibits.*

KWONG YEU SING AND Co., 28, Waterloo Street.—Chinese and Japanese goods.
LAZARUS (C.) AND Co., 56-62, Bentinck Street.—Cabinet makers, billiard table manufacturers—

Buffet, billiard table, 3 drawing room suites, mirrors, sideboard and dinner wagon, almirah, cabinets, dressing table and wash-hand stand. *See also British Court.*

MURRAY (JAMES), 11, Dalhousie Square, East.—Clocks.
OSLER (F. AND C.)—Glass Manufacturers, Birmingham, London and Calcutta.

Glassware of the following kinds:—

Chandeliers, candelabra, and fountains, electric chandeliers, table glassware, glass tables, bed, couch, sofas, chairs, cheval and toilet glasses and other constructive works in glassware, lamps for kerosine oil, collection of decorative and art pottery by eminent firms, collection of ornamental Venetian and other foreign and British glassware.

Collection of Venetian and other mirrors.

RAMCHAND (HAZARIMAL), 33, Raja-ka Kuttra, Barra Bazaar.—Ivory toys.
TOMLIN (J. E.) AND Co., 32, Dharramtollah.—Furniture.

A mahogany family bedstead, a mahogany clock bracket, an ebonized and gold hukka, an enbonized and gold almirah (*lent by Coomar Indra Chundra Singh Bahadoor, of Paikpara*).

SECTION E.—FABRICS INCLUDING APPAREL, TOILET REQUISITES, AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASSES XXXVIII TO LII.

BADHAM BROTHERS, 16, Old Court House Street.—Clothes; hosiery; hats; gloves.

CHOTAY LALL, 43, Raja-ka-Kuttra, Burra Bazaar—Shawls of Delhi, Cashmere, Umritsur, Lahore manufacture; Rampore chadars; gold worked cushions, chairs, table-covers; and a variety of Benares brass ware.

COOKE AND KELVEY, 20, Old Court House Street.—Jewelry; precious stones.

CUMMING (ALEXANDER).—Court robes; Lyons and Chinese silks. Models dressed in court costumes.

CUTHBERTSON AND HARPER, 10, Government Place.—Boots.
DASS AND Co., 70, Old China Bazar Street.—Sola hats.
DASS (C. C.) AND Co., Radha Bazar.—Tailory, hats and caps.
GHOSAL (DENO NATH) AND Co., 25 and 26, Canning Street.—Fancy work.
MITTRA AND Co., 1, Mirzapur Street, College Square.—Ink, perfumery.
MONTEITH AND Co., 21, Old Court House Street.—Boots.
MOOKERJEE (B. D.), Bhowanipur.—Cloth made by Tanti.
MOORE AND Co., 5-2, Esplanade.

Imported Goods.—Silks, velvets, plush, woollen-dress fabrics, cotton-dress fabrics, muslins, mourning goods, costumes, jackets, linings, trimmings, buttons, ribbons, laces, made-up lace goods, silk confections, hosiery, gloves, mittens, fancy wool goods, sunshades, rugs, blankets, coverings, shawls, corsets, underclothing, fans, belts, handkerchiefs, linen sets, curtains, millinery, flowers, feathers, gentlemen's ties, collars, braces.

Goods manufactured in the country.—Costume, millinery, lace, confections, laces, embroidery, shirts, sleeping suits.

Princes of Wales.—Wax portrait model; grenat dinner costume.
Princess Beatrice.—Wax portrait model; pigeon gray walking costume.
Duchess of Connaught.—Wax portrait model; white bridal costume.
Mrs. Langtry.—Wax portrait model; crevette evening costume.

The following *costumes* were manufactured in India by Indian labour and *entirely from Indian fabrics*:—

Princess of Wales.—Wax portrait model; reception costume. Materials made in Benares, British Burma, Burdwan, Berhampur, Calcutta, Trichinopoly, Rajbuhaut, Lukhipur.

Duchess of Edinburgh.—Wax portrait model; walking costume. Materials made in Amritsur, Cashmere, Berhampur, Calcutta, Trichinopoly.

Marchioness of Lorne.—Wax portrait model; summer costume. Materials made in Dacca, Lukhipur, Hughly, British Burma, Calcutta.

Change tea gown.—Materials made in Amritsur, Delhi, Burdwan, Berhampur, Trichinopoly, Calcutta.

Ex-Empress of the French.—Wax portrait model; evening costume. Materials made in British Burma, Calcutta, Trichinopoly, London, Paris, Nottingham.

Indian product millinery.—Specimens of millinery made in the country from European materials; specimens of millinery made in the country by Indian labour and entirely from Indian materials.

NATIONAL Co., 30, Colootollah Street.—Perfumery.
PHELPS AND Co., Civil and military tailors, 15, Old Court House Street, Simla and Lahore.—Embroideries made by native workmen under European supervision.
RAMCHAND (HAZARIMAL), 33, Raja-ka-Kuttra, Barra Bazaar.—Wool and shawl fabrics, shawls, jewelry.
RANKEN AND Co., Calcutta and Simla.—Tailoring, gold embroidery, military accoutrements.
ROY BROTHERS, 30, Colootollah Street.—Perfumery, ink.
SMITH, STANISTREET AND Co., 9 and 10, Dalhousie Square, East.—Perfumery.
WATSON AND SUMMERS, Calcutta, Simla, and Rangoon.—Theatrical wigs, beards, and fancy costume; make-up requisites.
WATTS AND Co., 6, Wellesley Place.—Indian-made boots, shoes and slippers.

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

CLASSES LIII TO LXXXI.

AHMUTY AND Co. (Ordnance and Marine Contractors to Her Majesty's Indian Government), Proprietors, *Shalimar Steam Rope Works*, near Calcutta.
Of local manufacture.
Coir cables, from 16″ to 42″ circumference.
Coir rope, from 3″ to 18″ circumference.
Manilla cables, from 12″ to 25″ circumference.
Manilla rope, from 3″ to 18″ circumference.
Western India hemp rope, tarred and untarred, from 3″ to 12″ circumference.
Manilla and Western India hemp lines of sizes, consisting of signal halyards, lead and loglines, house and marlines, cotton ornamental pankha line, &c.
Galvanized iron and steel wire rope, from 1″ to 7″ circumference. A sample piece of 4½″ galvanized steel wire rope, fitted with heart-shaped cast-iron dead eyes, as supplied by the firm for the erection of suspension bridges.
CUTHBERTSON AND HARPER, 10, Government Place.—Saddlery, harness.
DATT (NOBIN CHUNDER) AND Co., 19, Dharramtollah Bazaar—Best gum copal varnish, linseed and fish oils.
DATTA (SEIS CHUNDRA), Peacock Chemical Works, College Square, Calcutta.—Printing ink.
FORNARO (HENRY), 3, Zig-Zag Lane.—Artificial stones, tiles.
GHOSAL (DENONATH) AND Co., 25, 26, Canning Street.—Raw products.
GHOSE (RAM CHUNDER), 28, Radha Bazaar Street.—Burma cigars.
GREAT EASTERN HOTEL WINE AND GENERAL PURVEYING Co., LD., Old Court House Street.—Cigars, tobacco, and cigarettes.
HARTON (W. H.) AND Co., Offices 1 and 2, Strand; Works at Ghoosery. Established 1870.—Hawsers, ropes, and matting of coir.
MITTRA AND Co., 1 Mirzapur Street, College Square.—Ink.
MONTEITH AND Co.—Saddlery, harness.
OSLER (F. AND C.), Birmingham, London, and Calcutta.—Alexandra oil for kerosine lamps.
ROY (AMRITA LALL), 35, Burawaritola road, Baliaghatta—Color, varnish, inks.
ROY BROTHERS, 30, Colootollah Street—Oils.
THOMSON (JOHN), 5, Commercial Buildings—Bar and toilet soaps, refined tallow, &c., of local manufacture.
TURNER, MORRISON AND Co., 6, Lyon's Range, Calcutta.—Stick-lac and shell-lac, lubricating oils and lubricants.
WALDIE (DR. DAVID), 3½ Hastings Street.—Raw products, inks.
WATTS AND Co., Military Saddlers, Harness and Boot Makers, 5, Wellesley place, Tanners, &c., at 15, North Road, Entally.—Harness, gold embroidery, military accoutrements (local make), saddlery (imported).
The gold embroidered horse trappings, harness, and boots are of English material, but the workmanship is entirely local. The exhibit of saddlery is of English manufacture and made by the exhibitors' own makers.

SECTION G.—MACHINERY AND IMPLEMENTS, MEANS OF TRANSPORT, APPLIANCES AND PROCESSES USED IN THE COMMON ARTS AND INDUSTRIES, INCLUDING MODELS AND DESIGNS.

CLASSES LXXXII to CIX.

AHMUTY AND Co., Howrah Foundry.—Mill castings and blacksmith's work.
ARLINGTON AND Co., 3-B, Dalhousie Square.—Electro-plating battery; ice machines; Carré's Ammoniacal Ice Machine; Carré's Pneumatic Ice Machine.
A collection of plated ware articles explanatory of the electro-silvering process.

FRANCIS, HARRISON, HATHAWAY, AND Co., 13, Government Place.—Wheeler and Wilson's Sewing Machine.
KARMOKER (WUMA CHARN), 18, Naricole Danga Main Road.—1,000 tollah balance for weighing money; 100 tollah balance for weighing money; chemical balance.
MANTON AND Co., 13, Old Court House Street.—Fire-arms; swords; ammunition. Express, tiger, elephant and rabbit rifles; hammer and hammerless guns; duck guns, revolvers, and pistols; bullet moulds, gun implements, hog spears, swords, daggers, &c.
RODDA (R. B.) AND Co., 7 & 8, Dalhousie Square.—Ammunition, fire-arms. Cannon; breech-loading, choke and cylinder bore shot guns; patent safety block hammerless guns; double and single express rifles; large bore rifles for elephant shooting; explosive shells; parts of unfinished guns; gun barrels; actions, locks, furniture; forgings; specimens of rifling and choke boring; swords; hog spears; hunting knives.

SECTION H.—FOOD PRODUCTS.

CLASSES CX TO CXXXVI.

ABDOOLLAH (H. H.), 8, Ram Mohan Ghose's Lane.—Arrowroot.
AHMUTY AND Co., 6, Church Lane, Calcutta, and Albion Works, Sibpur.—Biscuits; flour; rum; spirits of wine; chutney, &c.
DEY (PREO LALL), 4, Beadon Square.—Wines, spirits, lime, and other fruit juices. Silent spirit or pure spirits of wine, free from fusel oil obtained from doasta and rum by chemical process and manufactured into gin, whisky, and brandy. Non-alcoholic lime-juice.
DATTA BROTHERS AND Co., 120, Municipal Market.—Indian condiments.
GHOSAL (DENONATH) AND Co.—Food products.
GREAT EASTERN HOTEL WINE AND GENERAL PURVEYING COMPANY, LIMITED, Old Court House Street.—Wines and spirits; pickles, preserves and Indian condiments; cigars; confectionery; bread, &c., &c.
NEWSON (W.) AND Co., 14, Chowringhee Road, and 24, Jewrie Street, London.—Indian condiments.
PELITI (FEDERICO), 10 and 11, Esplanade Row.—Sugar works of art, confectionery, Indian liqeurs and preserves.
ROY BROTHERS, 30, Colootollah Street.—Food products.
SMITH, STANISTREET AND Co., 9 to 10, Dalhousie Square.—Ærated waters.
SMYTH (B.) AND Co., 1, New China Bazaar Street.—'Ayala' Champagne, 'Griffin' Ale, 'Plymouth' Gin, Hinckel and Winckler's wines; tea.
WILSON, MACKENZIE AND Co., 13, Old Court House Street, and 1, Mangoe Lane.—Indian condiments.

SECTION I.—AGRICULTURE AND HORTICULTURE.

CLASSES CXXXVII TO CXLIII.

MOOKERJEE (B. D.), Bhowanipur.—Fruits.

SECTION K.—ETHNOLOGY, ARCHÆOLOGY, AND NATURAL HISTORY.

CLASSES CXLIV TO CXLIX.

GHOSAL (DENO NATH) AND Co.—Natural history specimens.
MANTON AND Co., 13, Old Court House Street, and 1, Mangoe Lane.—Implements of the chase.
RODDA (R. B.) AND Co., 7 and 8, Dalhousie Square.—Implements of the chase.

TAMIL NADU ARCHIVES
ACC. No.

INDIA (MISCELLANEOUS).

SECTION A.—FINE ARTS.

CLASSES I TO VI.

BANERJEE (BAMAPADA), Tribune Office, Lahore.

BASU (BISWESWARA), 77, Mooktaram Baboo's Street, Calcutta.
Oil paintings. A Pleasant Dinner.
Matches.
Ganga Khore.
Baboo Preonath Bhur.

BAUDUIN (RONALD).
Two oil paintings.

BOWNJI (PESTONJI), Head Draftsman, Ajanta Caves, Kandeish.
Oil paintings. Parsee Lady Sewing.
Parsee Lady Feeding a Parrot.
Bhil Smoking.

BROWNE (JAMES W.), 2 Esplanade Row, Calcutta.
Water color drawings. The Cathedral, Calcutta.
The Musjid, Calcutta.
Eden Gardens, Calcutta.
The Bandstand, Calcutta.
Pen and ink sketch. (Copy.) Une Bonne Histoire.

CADDY (ALEX. E.), Barrackpore.
Oil painting. His Daily Bread.
A platinotype reproduction of the above.
Oil paintings. Portrait of the Rev. K. M. Bannerjea, LL.D.
The Comet as seen at Burdwan, October 10th, 1882.
(Copy.) Alorey's "Judith."
do. Guercino's "Sybil."
do. Storm Bound.

CAMA (P. B.), 4 Gowallia Tank Road, Bombay.
Oil paintings. Hooghly Bridge, Calcutta.
View of Bombay Fort from Malabar Hill.
View of Macao.
Water-color drawings. View of Hong-Kong from Wanchi Pier.
Chinese fruits.
Bombay mangoes.
Canton chrysanthemums.
Fruits, love-apples, &c.
The broken tambourine. (Copy.)
H. M. S. *Victor Emanuel*, Hong-Kong Harbour.
View of Hong-Kong from the mainland of Kowloon.
Macao praya grande,
Bombay fruits.
A green lane, Hong-kong.
Study of a tree.

COARD (S. M.), 8 Short Street, Calcutta.
Oil painting. A sketch in the Botanical Gardens, Calcutta.

DALLAS (MRS.), Simla.
Paintings.

DE FABECK (DR. F. W. A.), 19, Loudon Street, Calcutta.
Oil paintings. Portrait of H. H. the Lieutenant-Governor of Bengal.
Portrait of a Lady.
Ditto.
Ditto.
Portrait of the Hon'ble Mr. L. P. D. Broughton.
My lady's page.
Oil Paintings. Study from life.
View of Three-gun battery, Capri.
The *Ca'd'Oro* on the Grand Canal, Venice.
The Grand Marina, Capri, Ischia in the distance.
Market boat leaving Capri for Naples.
Water-color drawings. View from the Ridge, Simla, *looking towards* the snows.
How I crossed the Guggur on my way to Simla in the rains.
Boats on the Lugune, Venice.
Murano and the Cemetery Island, Venice.

GRANT (MRS. COLQUHOUN), Calcutta.
Copies, Faust and Marguerite.
Dreams.
Sketches. Japanese Landscape.
Italian Landscape.

GREGORY (C.), 24, Royd Street, Calcutta.
Crystoleum oil-paintings. Othello and *Desdemona* by Miss Mary Seth, obtained the silver medal at the Amateur Art-Exhibition, Marlborough Gallery.
A Tyrolese Maid, by Miss Mary Seth.
Three Heads by Miss Helen Gregory.

GRIFFITHS (JOHN), Bombay.
Oil paintings. Ajanta Caves—A. D. 600.
'That noble order of the Yellow Robe
'Which to this day standeth to help the world
* * *
'All which is written in the holy Books
'And where he passed and what proud Emperors
'Carved his sweet words upon the rocks and caves:
'And how—in the fulness of the times—it fell
'The Budha died, the great Tathâgato,
'Even as a man, amongst men, fulfilling all:
'And how a thousand thousand crores since then
'Have trod the path which leads whither he went
'Unto Nirvana where the Silence live.'
Edwin Arnold's "Light of Asia."
H. H. Rawul Shri Takht Singhjee, K.C.S.I., Thakur Saheb of Bhownaggur.
The late Mr. David Sassoon (painted for the Poona Portrait Gallery).

GOPAL (RAM CHUNDER), Artist to H. H. Prince of Indore.
Oil painting. Moonlight near Indore.

HILL (R.,) Calcutta.
Oil painting. Darjiling.

JANSEN (THEODORE).
Oil painting. Life size portrait of the Prince and Princess of Wales.

KING (W.), Imperial Museum, Calcutta.
Oil paintings. Bits from Barma Wood, Galway.

MITTRA (PRIYALAL), Sobha Bazar, Calcutta.
Oil paintings. H. E. the Viceroy.
H. H. the Lieutenant-Governor of Bengal.
H. H. the Maharajah of Durbungha.
H. H. the Maharajah of Burdwan.

MOOKHERJEE (MOHENDA NATH), 3rd Lane, Bocool Bagan, Bhowanipore.
Oil painting. The childhood of Rama and his three stepbrothers.

PALMER (ALF.), Surveyor-General's Office, Calcutta.
Oil Paintings. Indian fruit.
Indian fruit.
Pumplenose.
Apples.

PALMER (G.), 13, Wood Street, Calcutta.
Oil painting. Mohorrum.

SCHAUMBURG (JULES), Imperial Museum, Calcutta
Oil paintings. Street Scene in Bhopal, Central India.
Early morning on the Hooghly.
Evening Scene on the Ganges.

SCHMIDT (CHAS).
Oil painting. Scene on Lake Zurich, Switzerland.

SERRE (ST. CYR DE), 6, Elliot's Road, Calcutta.
Oil paintings. Louis XIII, $\frac{1824}{1883}$ painted by Nicholas Poussin $\frac{1582}{1666}$.
Coat of arms of Lord Ripon.

TANNER (LIEUT.-COL. H. C. B.), Survey of India, Calcutta.
Pen and ink sketches. The Western face of Nagar Parbat seen from the cliffs above Jor.
Kashmir Pine Forest.
The Yampung Plateen at the southern foot of Kabin and Kinchinjunga Gilgit Tarn, 12,000 feet. Early spring.
Telescopic View—Mount Everest (on the left) 29,000 feet and Peak XIII (on the right) 27,800 feet as seen beyond the Tamber and Arun Valleys from the ridge near Sandakphu, on the Sikkim-Nepal boundary.
Junnoo, 25,300 feet from the Nipal Sikkim watershed.
Kinchinjunga, from below Birch Hill, Darjiling.
Eastern Nepal, from the rocks below Phulloot, embracing the Arun and Tambur Valleys. The snow peaks are on the southern spurs of Mount Everest.
Rakaposhi Mountain, 25,000 feet.
A Gilgit Valley.
Peaks of the Hindu Kush, overlooking Zabak, in Badakshan, taken from the Gilgit frontier (telescopic view).
The Yassani Hunza Mountains.
The snow fields of Gilgit, taken on a Midsummer day.
No title.
No title.
Oil painting. Nanga Parbat, 26,700 feet, from the Bunji plain; showing locality of the great Indus flood of 1842.

VAN RUITZ (HORACE), Bombay.
Oil paintings. Startling intelligence.
Parsee children at school.
Kattyawar Sentry.
To the temple.
Cooly
Portrait of Mr. B. V. Shastry.
Charity.

Oil Paintings. At a well in Bombay.
A wet evening.
Parsee child.
Bhisties.
Muktifauj.
Malabar Point.
Dolce far Niente.
View of Bombay.
A Bait (Moonlight).
Little Ganga.
Water Color drawings. Snuff-shop.
The Hooka.
Moonrise (Backbay, Bombay).
Winter morning in Bombay.
Beach Candy.
Mahalarmy.
Maharatta village.
Gowallia Tank.
Near Cumballa Hill.
Mohamedan Barber.
Basin's peak.
Morning, Bombay.
Evening, Bombay.
Gossain fiddling.
Arena man.
Matheeran.
Ditto.
Ditto.
Bhistie's Bullock.
Fruit-Seller.
Maharatta head.

WOODTHORPE, (LIEUT-COLONEL R. J.), R.E., Survey of India.
Oil painting. Portrait of Major T. J. Williams, R.E.
Water-color drawings. Portrait of T. B. Wells, Esq.
Portrait of Colonel Clarke.

CALCUTTA ART STUDIO, Calcutta.—Prints of Hindoo mythological scenes.
DEY (NILMADUB), 107, Radha Bazar, Calcutta.—Photographs.
DOSS (R. B.), 89, Chuna Gully, Calcutta.—Phrenological busts.
FRY AND RAHN, Lucknow and Naini Tal, N.-W. Provinces and Oudh.—Porcelain paintings and photographs.
JOHNSTON AND HOFFMANN, Calcutta.—Paintings and photographs.
KHAN (SYED HOSSEIN ALI), 5 Wellesley Street, Calcutta—Miniature paintings.
LUFF (J. M.), Hazaribagh—Delhi paintings on ivory.
MITRA (PEIYA LALL), 26, Telepara Lane, Calcutta.—Lithographs.
PLANTERS' STORES AND AGENCY CO., LD., Debrughur, Assam.—Photographs of industrial and picturesque Assam.
VUCCINO (P.), Poonah, Bombay.—Photographs.

SECTION B.—EDUCATION AND APPLICATION OF LIBERAL ARTS

CLASSES VII TO XV.

ALI (IMAD), Mhow, Central India.—*Lawn-tennis* and badminton gear.
ARATOON (MRS. ANNA), Calcutta.—Patent cough pills.
CALLAEMAN (J.), 16, Wellesley Street, Calcutta.—Improved Indian rubber stamps, and prints.
CROWDER (JAMES), Calcutta.—Cyclostyle writing and copying apparatus.
DASS (R. B.), 89, Chuna Gully.—Phrenological books, chart, and instruments.

DATT (PARNA NATH), 111, Radha Bazar, Calcutta.—Maps and atlases in oriental character.
DEVI (SOSHIMUKHI), Salgaria, Pabna, Bengal.—Globe.
MARCKS (C.) AND Co., Rampart Row, Bombay. Musical boxes.
RAY BROS., 30, Colootollah Street, Calcutta.—Writing inks and stamping inks of all colors.

SECTION C.—HEALTH.

CLASSES XVI TO XXII.

AHMUTY AND Co., Calcutta.—Wrought iron air-tight sanitary carts (Cantwell's patent).
BARR (J.T.) AND Co., 15, Garden Reach, Calcutta—Disinfecting powder.
BRADLEY AND Co., Vulcan Iron Works, Allahabad.—Patent conservancy cart. Patent air-tight conservancy buckets. Patent hand iron conservancy cart for narrow lanes.
CARNAC IRON WORKS, Bombay.—Night-soil cart, watering-cart, conservancy cart, and latrine.
CROWDER (JAMES), Calcutta.—Parrish's chemical food.
DAWSON (W. D.), 14, Sudder Street, Calcutta.—Fresh water condenser.
DHOLE (NUND LALL), L.M.S., Musjid Bari Street, Calcutta.—Drugs and medicines.
DUTT (RAMCHUNDER), Mirzapore Street, Calcutta.—Drugs and medicines, liquor kurchichine.
FAIZALLABHOY, 111, Canning Street, Calcutta.—Compound vegetable salt, itch and ringworm powder.
GHOSE (ROSSOMOY) AND SON.—Extracts and drugs.
GUPTA (B. M.) AND Co., 9 Dhurrumtollah Street, Calcutta.—Honey food, ague mixture, rose lotion, and pain-killer.
GUPTA (J.) AND Co, Calcutta.—Medical preparations.
HALDER (P.) AND Co., 19, Bow Bazar Street, Calcutta.—Artificial teeth.
JOHNSON (P. B.), Clive Road, Allahabad.—Improved army dooly.
KALI (DR. CHANDRA SHIKHAR), L.M.S., Assistant Surgeon, Pabna, Bengal.—Filter, surgical instruments, and medicines.
MADHOLALL AND Co., Castor-oil manufacturers, Dinapore—Medicinal castor-oil.
MITTRA (L.V.) AND Co., Homœopathic Chemists and Booksellers, 1, Upper Circular Road, Calcutta.—Homœopathic drugs and druggists' requisites.
MOITRY (RAJKRISTO), Calcutta.—Medicines.
NANDON (TINCOURI.) 17, Kassareeparrah Road, Bhowanipore, Calcutta.—Surgical instruments and hospital appliances.
STEPHENSON AND Co., 14, Chowringhee Road, Calcutta.—Mrs. Anna Aratoon's patent cough pills.

SECTION D.—FURNITURE AND OTHER OBJECTS FOR THE USE OR DECORATION OF DWELLING HOUSES AND OTHER BUILDINGS.

CLASSES XXIII TO XXXVII.

BHUNGARA (FRAMJEE PESTOMJEE), Madras.—Artware, pottery, carving, ornamental work in silver and copper, ivory toys.
BRADLEY & Co., Vulcan Iron Works, Allahabad, North-West Provinces.—Patent thermantidotes.

BURN AND Co., Raniganj.—Raniganj pottery.
CROWDER (JAMES), Calcutta.—Decorative pottery made by the Fine Art Pottery Company.
DHANKOTI ROYA (DR. W. E.).—Cast-iron ornamental furniture.
ELGIN MILLS COMPANY, Cawnpore, North-Western Provinces.—Tents and camp equipment.
FREEMASONS OF BENGAL, Royal Arch Chapter.—Silver-gilt Royal Arch loving cup.
FREEMASONS, Lodge "True Friendship," Calcutta.—China punch bowl.
GHOSH (HARI CHARAN), 51, Sankaritolla, Calcutta.—Universal time-keeper.
GHOSH (ROSSOMOY) AND SONS, Calcutta.—Glassware.
HAMILTON & Co., Jewellers, Calcutta.—Enamels, clocks, watches, and their accessories, bronzes, ornamental work in gold and silver.
INDIAN CARPET MANUFACTURING COMPANY, Allahabad.—Woollen carpets.
JOHNSON (P. B.), Clive Road, Allahabad.—Self-watering thermantidote.
MARCKS (C.) AND Co., Rampart Row, Bombay.—Clocks, watches.
MUIR MILLS COMPANY, LIMITED, Cawnpore, North-West Provinces.—Tent, model tents, camp equipment.
MURRAY, (JAMES), 11, Dalhousie Square, East, Calcutta.—Machine-made English silver watches.
NATHOORAM, Sculptor, Drummond Road, Agra.—Marble, soap-stoneware, chess-boards; plates, boxes, flower pots, paper weights, and tables.
ROBERTS (JOHN) AND Co., Bombay, 18, Marine Street, Bombay.—Billiard table and accessories complete.
SORABJEE COWASJEE.—Artware.
SUNDERLAL AND Co.—Electro-plated ware.
THOMSON (T. E.) AND Co., 9, Esplanade Row, Calcutta.—Coalbrook Dale Co.'s bronze statues; gold bronzed chairs and seats; illuminated chairs, tables, and hat-stands, wire mattresses, reed bed and mattress; aviary, canary, and parrot cages; dog collars. Smith and Wellstood's patent American registered cooking stoves; portable kitchen ranges; church, hall, parlour, tent, and laundry stoves; ships' galley ranges and yacht stoves.
WALSH, LOVETT AND Co., Calcutta and Birmingham.—Encaustic tiles for walls floors and hearths. Repoussé and plain polished brass work; copper kitchen utensils; &c. Chandeliers, gas fittings.
WOOD (J. N. T.), 9, Hill's Lane, Calcutta.—Metal cabinet of air-tight canisters for seeds.

SECTION E.—FABRICS, INCLUDING APPAREL, TOILET REQUISITES AND OTHER OBJECTS OF PERSONAL WEAR OR USE.

CLASSES XXXVIII TO LII.

BHUNGARA (FRAMJEE PESTONJEE), Madras.—Swami silver work.
BOLTON (A. J.), Garden Reach, Calcutta.—Copies of celebrated artists in Berlin wool.
BOSECK (JOHN), 7, Wellesley Place, Calcutta.—Gold, silver, and amber jewelry.
BROWNE (JAMES W.), 2, Esplanade, Calcutta.—Tiger, claw and Indian jewelry.
BUNDAS (MADU), 86, Burtollah Street, Calcutta.—Jewelry; jewelled cloth.
COOKE AND KELVEY, Old Court House Street, Calcutta—Gold and silver ware.
Two richly chased silver and gold state chairs, silver cups, goblets race plates, &c.
Two diamond tiaras, diamond necklace, and a collection of diamond pearl and other gem ornaments.
DASS (BADDRI), Rai Bahadur, 49, Burtolla Street, Burra Bazaar Calcutta.—Jewelry.

DASS (BAL BHADDER), Chandney Chauk, Benares.—Mixed fabrics; kinkhabs, dupattas, saries, silver howdah, and chair.
DEY (NURSING CHANDER), Govind Chundra Sen's Lane, Calcutta.—Tiger claw jewelry.
DHAR (SAMBHUNATH), 33, Chunamgully, Calcutta—Indian-made jewels and curiosities.
DHOLE (NUND LALL), Calcutta.—Perfumery.
DUNCAN BROS. & Co., Calcutta.—Safflower, carthanius tinctoris. A diamond star.
EGERTON WOOLLEN MILLS, Dhariwal, North-West Provinces.—Woollen manufactures.
ELGIN MILLS Co., Cawnpore, North-West Provinces.—Cotton fabrics, wool.
FATAK (AZIMALLA HARMAN), Benares.—Mixed fabrics, kinkhabs, sheets, gown-pieces, scarves.
GIRDHERLALL AND GOPAL ROY, 44, Raja-ka-kuttra, Calcutta, and Chandnee Chauk.—Jewelry.
GREET AND Co., Calcutta—Boots.
HAMILTON AND Co., Calcutta.—Diamond jewelry, necklaces, head ornaments, watches, &c., including the Diamond Coronet made for H. H. the Maharajah of Cooch Behar. Collection of artistic silver plate, cups, tazzas, &c., of their own manufacture, and by permission of the Officers of the Royal Warwickshire Regiment the silver and bronze challenge shield manufactured for that Regiment.
A collection of Austrian meerschaum pipes.
HANHART (J. G.) AND Co., Calcutta.—Swin watches.
KARTIC SETT, Burtollah Street, Calcutta.—Jewelry.
KER, DODS AND Co., Calcutta.—Grey, white, dyed, printed and fancy cotton goods; woollens, unions and silks, trouserings, &c.
KHAN (BANKA BEHARI), Tahirpur, Rajshahi, Bengal.—Fancy work.
LUFF (J. M.), Hazaribagh,—
A Lingam said to be an ancient relic of Hindoo faith—1,700 years old—1,000 years in Temple of Raipatura near Delhi, subsequently nearly 700 years in Mogul Treasury, Delhi. It consists of a very fine chrysoberyl cat's-eye set in a large yellow topaz on an Indian gold vase encrusted with diamonds and set round with nine gems representing the nine charms, viz., diamond, ruby, sapphire, cat's-eye, coral, pearl, garnet, yellow sapphire, and emerald.
Specimens of old Indian fabrics, cashmere shawls and kinkhab.
Moss agates or Mocha stones.
An onyx necklace.
A curious seal, of gold and pearl.
A large star sapphire.
MAJID (HAFIZ ABDUL).—Kinkhabs, dhutis, &c.
MARCKS (C.) AND Co., Rampart Row, Bombay.—Jewelry, spectacles.
MOTIRAM, 59, Clive Street, Calcutta, and Chandnee Chauk, Delhi.—Shawls jewelry.
MUIR MILLS COMPANY, Cawnpore, North-West Provinces.—Cotton cloths, drills, shirtings.
MUKHERJEE (JOYKISSEN), Utterpara, Hooghly, Bengal.—Cotton fabrics, silk fabrics, fancy work, chemical for cleaning the mouth.
OPPENHEIM AND Co., Cawnpore, North-West Provinces.—Portmanteaux.
ORR (P.) AND SONS, Madras.—Jewelry and silver plate, brass ecclesiastical work, electro-plate mounted pottery.
RAY BROTHERS, 30, Colootolah Street, Calcutta.—Waterproof blacking, hair oil, pomatum, lavender water.
SHAW (DHYAN CHAND) AND SONS, Table-cloth merchants, Dinapur, Bengal.—Table cloths, napkins, and towels.
SHAW (JHOOMUK) AND Co., Dinapur, Bengal.—Cotton fabrics, table-cloths, napkins, &c.
SHAW (KUNNO LALL) AND Co., Dinapur, Bengal.—Table-cloths, napkins, dusters, sheets.

SHAW (PERSHAD) AND Co., Dinapur, Bengal.—Cotton fabrics, table-cloth, napkins, &c.
SHAW (THAKUR PRASAD) AND Co., Dinapur, Bengal.—Table-cloths, silk, tassar, and bafta.
TICKARAM (LALA) AND SON, Bow Bazar, Calcutta.—Gold embroidered saddle.
WATSON AND Co., Esplanade Hotel, Bombay.—Katch silver work.

SECTION F.—RAW PRODUCTS AND MANUFACTURES FROM PRODUCTS NOT INCLUDED IN OTHER SECTIONS.

CLASSES LIII TO LXXXI.

ALIPORE COAL Co., LD., Khairabad Colliery, Bengal.—Specimens of steam coal, screened rubble coal, brick-burning rubble coal.
AMBLER AND Co., Monghyr, Bengal.—Slates.
ANGELO BROTHERS, Calcutta.—Calcutta shellac and lac dye.
ASIATIC JUTE Co., LD.—Cloth for stair carpets.
ASSAM RAILWAYS AND TRADING Co., LD., 29, Strand, Calcutta.—Coal; coke; timber; petroleum, Assam.
BALLY PAPER MILLS Co., LD., Geo. Henderson & Co., Agents, 100, Clive Street, Calcutta.—Paper. A series of samples showing the process of manufacture.
BANERJEE (BHOOTNATH), Calcutta.—Black and non-corrosive ink.
BARANGAH OIL REFINING Co., LD, Kyouk Phyoo, British Burma; Gillam & Co., Agents.—Crude mineral oil and its products.
BARR (T. J.) AND Co., 15, Garden Reach, Calcutta.—Soap and disinfecting powders.
BARRAKUR COAL Co., LD, Kornerdobi Colliery, Bengal.—Specimens of steam coal, steam rubble coal, &c.
BEGG, DUNLOP AND Co., 12, Mission Row, Calcutta.—Indo-American manufactured tobacco; cured tobacco leaf from the Poosa and Ghazipore Tobacco Farms. Samples of manufactured indigo from the Bhicanpore, Turconeen, Seeraha, and Hursingpore Factories, Tirhoot.
BELGATCHIA OIL MILLS, Poorna Charan Bose & Co., Proprietors, 57-1, College Street.—Oils.
BENGAL MILLS Co., LD., 7, Clive Row, Calcutta.—Cotton yarns and cotton in process
BENGAL STONE Co., LD., Geo. Henderson and Co., Managing Directors and Secretaries, 100, Clive Street, Calcutta.—Stone, raw silk, and cocoons from Lister & Co., Mudhophur Filature, N.-W. Provinces.
BIRD AND Co., 39, Strand Road, North, Calcutta.—Samples of copper ore and copper.
BOSE (POORNO CHUNDER) AND Co., 57-1, College Street, Calcutta.—Mustard oil.
BYSACK (KHETTER MOHUN) AND SONS, 3, Prosonno Cumar Tagore's Street, Calcutta.—Oil-seeds and oils.
CALCUTTA BAZAR.—Wax.
CHARRIOL (EMILE) AND Co., Calcutta.—Oil-seeds, husked rice.
CHELAMIAH (P.), Agents, Gillanders Arbuthnot, 5 to 8, Clive Street, Calcutta.—Castor-oil.
DASS (LALA VENKATA), Ivory Merchant, Vizagapatam, Madras.—Ivory, tortoise-shell, horn, and fancy work.
DHOLE (NUND LALL), 121, Musjidbarry Street, Calcutta.—Oil soap and other oleaginous substances.
D'OYLY (W. H.), Bhagalpur, Bengal.—A collection of minerals from the Bhagulpur district.

DUNCAN BROTHERS, Calcutta.—Safflower dye.
DWARKA NATH GHOSE, Circular Garden Reach Road, Sonie, Calcutta.—Dyeing materials, specimens of dyed thread.
EAST INDIAN RAILWAY.—Coal from the Company's pits.
EATON, C. W., AND Co., Madras.—Tobacco, snuff, cigars.
ELGIN MILLS Co., Cawnpore, N.-W. Provinces.—Cotton yarns and manufactures.
EQUITABLE COAL Co., LD., 1, Lyon's Range—Coal samples from the Company's collieries at Seetarampur, Barrakur, and Ranigange; limestone and iron ore from its Chowrasi property.
GALSTOUN (M. J.), Calcutta.—Mirzapore orange shell-lac.
GARDEN REACH COTTON MILLS, Mackinnon, Mackenzie & Co., Agents, 16, Strand.—Cotton in process and yarn.
GEORGE (E. M.), Sutna, Central Provinces.—George's patent portable tubular wire fencing.
GHOSE (DWARKA NATH), Calcutta.—Mineral dyes.
GHOSE (RAMCHUNDER) AND COMPANY, 28, Radha Bazar, Calcutta.—Burma cigars.
GHOSH (ROSSOMOY) AND SONS, Calcutta.—Soap and other oleaginous substances.
GOBRA TANNERY Co., LD., 12, Jackson's Ghât Street, Calcutta.—Leather and articles made of leather.
GOOSERY COTTON MILLS Co., LD.—Cotton, raw, in process and yarn.
GOOYE (RADASHAM), Ghattal, Midnapur, Bengal.—Raw silks; silk and cotton fabrics.
GOURIPORE Co., LD.—Jute bags; twilled, plain, and hessian cloths.
GREET (A. H.) AND Co.; Calcutta Agents, Grey and Co., 9, Weston's Lane.—Harness.
HARLEY AND Co. (J. H. R.), Calcutta.—Aniline dyes and dyed goods.
HENKE (G.) AND Co., Calicut, Malabar, Madras; Grossman & Co., Agents, Jackson's Ghât Street, Calcutta.—Malabar cigars.
HOWRAH MILLS Co., LD.—Jute bags; twilled, plain, and hessian cloths.
INDIA JUTE Co., LD., Mackinnon, Mackenzie & Co., Agents, 16, Strand.—Jute fabrics and yarns.
KAMARHATY Co., LD.—Jute bags; twilled, plain, and hessian cloths.
KANGRA VALLEY SLATE Co., LD.—Slates for roofing and flooring.
KERR, TARRUCK AND Co., Calcutta.—Fluid enamel for varnishing wood.
KIRBY (W.), Brookland Estate, Coonoor, Neilgherries, Madras.—Cinchona bark.
MACROPOLO (D.), Bombay, and 13, Esplanade Row, Calcutta.—Cigarettes, cigarette tobacco, and tobacco leaves.
MADHOLALL AND Co., Castor-oil Manufacturers, Dinapur, Bengal.—Castor-oil for burning.
MICHEA AND GENESTE, 5, Strand Road, Serampur, Bengal.—Indigo.
MUIR MILLS Co., Cawnpore, North-West Provinces.—Cotton threads in cops and hanks, cotton cloths, drills, sheetings, &c.
MUKHARJI (JOYKISSEN), Utterpara, Hughli, Bengal.—Jute fabrics.
NORTH-WEST SOAP Co., LD., Meerut, North-West Provinces.—Soap (bar, toilet, and soft).
OAKES & Co., Madras.—Cigars of various brands.
OPPENHEIM AND Co., Cawnpore.—Saddlery, harness, and portmanteaux.
PEIRCE, LESLIE AND Co., Cochin—Coir rope.
POORNO CHANDER BHOSE AND Co., Calcutta.—Castor, poppy, mustard, and til-seed oils.
RANGOON OIL Co., 81, Clive Street, Calcutta.—Earth oil, petroleum and products.
ROBERTS AND Co., Cigar Manufacturers, Coconada.—Lunka cigars, cheroots, snuff, and leaf tobacco.
ROBERTS (JOHN) AND Co., 18, Marine Street, Bombay.—Ivory billiard balls.
SEEBPORE JUTE MANUFACTURING Co., LD., Apcar & Co., Agents, 19, Radha Bazaar Street, Calcutta.—Raw jute, yarns, cloth, and bags.
SIMON (G.), Coimbatore, Madras.—Tanned hides and skins.
SMYTH (B.) AND Co., Calcutta.—West Indian Havannah and Manilla cigars.
STANES (THOMAS) AND Co., Coimbatore, Madras.—Agave Americana and Sanseviera Teylanica fibres.

TANGRA TANNERY, Maurice Feilmann, Calcutta.—Hides, leather, and manufactures from leather.
THOMSON (T. E.), AND Co., Calcutta.—Copal and carriage varnishes and statins.
UPPER INDIA COWPER MILLS Co., LD., Lucknow, Oudh.—Paper and paper-making materials.
VOLKART BROTHERS, Cochin.—Cochin coir matting.
WALSH, LOVETT AND Co., Calcutta and Birmingham.—Leather machine belting and other leather goods for mills and mill furnishings.
WOOD (J. N. T.), 9, Hill's Lane, Calcutta.—Cabinet of seeds indigenous to India.

SECTION G.—MACHINERY AND IMPLEMENTS, MEANS OF TRANSPORT, APPLIANCES AND PROCESSES USED IN THE COMMON ARTS AND INDUSTRIES, INCLUDING MODELS AND DESIGNS.

CLASSES LXXXII TO CIX.

AGRI-HORTICULTURAL SOCIETY OF INDIA, Metcalfe Hall, Calcutta.—Garden at Alipore. Implements and processes used in the indigenous manufactures of India.

1. Reeling silk from the cocoons.
2. Lac manufacture in progress—
   Raw stick lac.
   Shellac.
   Refuse.
   Making ornaments and sealing wax.
3. Oil mill, working.
4. Sugar mill, working.
5. Cotton series—
   Cotton gin.
   Cleaning cotton.
   Making twist.
6. Husking rice—
   Ukhli.
   Dheki.
   Japanese rice husker.
7. Making scents and scent shop.
8. Indian ploughs—
   Bengal, Behar, N.-W. Provinces, Orissa.
9. Improved ploughs.
10. *Models*—
    Persian water wheel, in use in Upper India.
    Sugar mill used in East Bengal and Assam, &c., &c.

AHMUTY AND Co., Howrah Foundry, Howrah.—Sanitary cart; Cantwell's patent tea boxes; Cantwell's patent sugarcane crushing machine.
BEGG, DUNLOP AND Co., Calcutta.—J. S. Begg's indigo and tea planter's cart.
J. S. Begg's patent indigo cake-cleaning machine.
Reid's patent tea breaker.
J. S. Begg's English made wrought iron tea, indigo or conservancy cart wheels.
Harvey Bros. and Tyler's patent lacquered tin tea boxes.
BENGAL STONE Co., Calcutta.—Stone for building purposes.
BENGAL TELEPHONE Co., LD., Calcutta.—Telephones.
BOMBAY-BURMAH TRADING Co., LD., Calcutta and Rangoon.—Shed illustrating economy in wooden structures; teak shingles.

BOSE (MOHESH CHANDRA), Bankipore.—An improved lock.

BRADLEY AND Co., Vulcan Iron Works Allahabad.—Patent iron road watering cart, patent cart; cash safes; portable railway cash safes; patent commissariat iron store or transport cart; sealed clips to secure mail-bags, cash bags, railway vans, and other articles requiring seals; self-closing letter box to guard against robbery of letters.

BURN AND Co., Howrah, Bengal.—Machinery, implements, iron ware, &c., of their own manufacture.

Boomer presses, hand. Boomer presses, steam. Thomson's patent tea rolling machines. Shank's patent portable sugar mills. Bull's patent dredgers. Larrymore's patent punkah pulling machine. Perrie's patent tubular collapsing reversible life boat. Patent dooley. Fibre-extracting machine. Samples of Indian ore, from the Beerbhoom district, worked up in Burn & Co.'s works into bars (directly from the ore itself). Crab winches, etc. Rolled iron beams. Oil-pressing machine. Fitting and castings for launch engines. Wood pavilion for Decauville's Railway boiler.

CARNAC IRON WORKS, Bombay.—Ornamental iron building; steam launch boiler; manual fire engine; road-roller.

COOK AND Co. Calcutta.—Skeleton gig; District cart; Stanhope gig; Rustic cart; Whitechapel cart.

DAY (O. B.) AND SON, Calcutta.—One pair spider built buggy wheels.

DENHAM-OLPHERTS, Howrah, Bengal.—C. I. railway sleeper for double-headed rail, Denham & Olpherts' patent.

C. I. railway sleeper, for flat-footed rail, Denham and Olpherts' patent.

Denham-Olpherts' patent C. I. metre gauge sleeper, with Molesworth's wedge fastening.

C. I. bridge chair, and Denham-Olpherts' patent for double-headed rail.

C. I. railway sleeper, Denham and Olpherts' patent, placed in road, January 1880, removed November 1883; duty performed 16,000,000 tons.

DESCHAMPS AND Co., Coach Builders, Madras and Calcutta, 5, Mangoe Lane.—One landau, dark-blue, lined to match. Vis-á-vis, painted brown, lined to match. Norfolk dog cart, dark blue.

DYKES AND Co, Calcutta.—"C" and under-spring canoe landau, and angular landau for one horse, ditto ditto for a pair, canoe barouche for a pair, miniature circular-fronted brougham, mylord phæton for a pair, Ripon phæton with moveable coach-box, C-spring buggy, Newmarket cart, cob size game cart with model of cob in harness.

ELSON (S. R.), Master Pilot, Calcutta.—Diagram and pamphlet explanatory of Elson's proposed new scheme for international marine signalling.

FLOYD (J. H.), Jamalpur, Bengal.—Keyless railway chair and sleeper (model in wood).

FORNARO (HENRY) AND Co., Calcutta.—Artificial stone.

HARGOPAL SINGH, 73, Toolaputti, Calcutta.—Gold-thread making machine.

JOHNSON (P. B.), Clive Row, Allahabad—Small Warwick cart.

JESSOP AND Co., Calcutta.—Horizontal oil press, mortar-mill, castings, wheels, pulleys, one length of wrought-iron shafting with couplings and plummer block. Stocks, dies, taps, Whitworth's thread, iron-mounted bench cramps, open mouthed tube-vices.

KERR, TARRUCK AND Co., Calcutta.—Enamelled iron sheets for roofing.

MERCES (GEO. DAS), Calcutta.—Oil mill.

MONNIER (J.), P.-W. Inspector, E. I. R., Madhopur.—Railway engine mode signal with alarm sleeper.

MUNRO, DON AND Co., Calcutta—Carriages and wheels.

NEW INDIAN PORTLAND CEMENT Co., LD., Calcutta.—Portland cement made in India.

OPPENHEIM AND Co., Cawnpore, N.-W. Provinces.—Belting.

SINGER MANUFACTURING Co., Calcutta.—Singer's sewing machines.

SMITH (PRIVATE), care of Commanding Officer, Naini Tal.—Model of railway carriage with patent buffers.

SMITH (THOMAS H.) AND Co., Allahabad—Speciality dog cart.

STUART AND Co., Calcutta—Carriages, light canoe landau, light miniature circular fronted brougham, light Victoria phæton, light improved circular fronted landaulette, light Lorne tandem cart, light Stanhope mail phæton.

THOMSON (T. E), AND Co., 9, Esplanade Row, Calcutta.—Joiners and carpenters' tools, edge tools; Lancashire tools, files, spring balances and weighing appliances; door-locks and latches with furniture; amateurs' turning lathe and frett machines.

WALSH LOVETT AND Co., Calcutta and Birmingham.—Boilers and engines, bridges, sections of rolled girders, smiths' forges, Root's blower, bellows, stocks and dies, lifting tackle, mill furnishings, iron safes. Ice-making machinery. Sporting guns and rifles.

WALTERS (W.), Jamalpur, East Indian Railway Works.—Working model of horizontal high presure stationary engine.

WARD (E.) AND Co., Kissengange, Nuddea, Bengal—Folding and portable boats.

WRIGLEY (W.), Rosa, N.-W. P.—Portable sugarcane crushing mill.

SECTION H.—FOOD PRODUCTS.

CLASSES CX TO CXXXVI.

BANKA BEHARI KHAN, Tahirpur, Bengal.—Ghee and other food products.

BARRY AND Co., 5, Lyon's Range, Calcutta, *Phœnix Tea Company*, of Cachar, Limited; Dilkhoosh Tea Estates; Debrooghur Combination; Assam tea in bottles of 2½ lbs. each.

BOMBAY STEAM BAKERY AND FLOUR MILLS, BOMBAY.—Wheaten flour; *suji* (or semolina); and bran.

BOND (MRS.), Cuttack.—Pure cow's ghee.

BRENTON AND Co., 1, Old Court House Corner, Calcutta.—Indian teas of different kinds.

CAREW AND Co., LD., Rosa, Shajehanpur, North-Western Provinces.—Refined sugar; spirits; vinegar; treacle.

CLARK (J. A. R.), Tenkasi, Tinnevelli, Madras.—Coffee, clove, and food products.

COSSIPORE SUGAR Co., Calcutta.—Indian refined sugar.

CUTLER, PALMER & Co., Calcutta.—Spirits.

DUTTA (H. B.) & Co., 90 Manicktolla Street, Calcutta.—Extracted honey.

DUTTA (SREEKISSEN), Calcutta.—Indian pickles, chutnies, curry powder, preserves.

EATON AND Co., Madras.—Coffee, tea, castor-oil, curry-stuff, chutnies, honey, jams and sauces.

FAIZULLABHOY, 111, Canning Street, Calcutta.—Arrowroot, tooth-powder.

HOLTA TEA Co., LD.—Tea samples.

KANGRA VALLEY TEA DEPOT (B. Smyth & Co., Agents, 1, New China Bazar Street, Calcutta).—Tea.

KHAN (SULTAN) AND SONS, Deobund, S. P. D. Railway.—Preserved fruits, jams, jellies, pickle, chutnies, &c.

KIRBY (W. LEE), Coonoor, Nilgherries, Madras.—Tea.

MEAKIN AND Co., Brewers, Kasauli, Chakrata, Dalhousie, and Ranikhet, Panjab.—Malt liquors.

MEYERS (H. J.) AND Co., 14, Government Place, Calcutta.—Teas.

MINCHIN BROTHERS AND Co., Anka, Ganjam, Madras.—Sugar and spirits.

MITRA (NILCOMUL) AND SON, Calcutta.—Rum.

MUKHARJI (JOYKISSEN), Utterpara, Hughli, Bengal.—Honey.

MUREE BREWERY Co., LD., Gora Gully, North-West Provinces. H. Whymper, Managing Brewer.—Ale and porter.

NAINI TAL BREWERY CO., LD., Kumaon, North-Western Provinces.—Bottled beer.

PLANTERS' STORE AND AGENCY, CO., LD., Calcutta.—Pilsener beer brewed at the Victoria Brewery, Bremen.

RANGMALLA ESTATE, Assam.—Tea. (Agents, Gillanders, Arbuthnot & Co.).

RAY BROTHERS, 30 Colootollah Street, Calcutta.—Olives, tipari jam, guava jelly, chutney, curry powder, curry paste, syrups.

SPEED AND CO., Penn Plantation, Alipur, Bengal.—Speed's arrowroot. Manufactured at the Penn Plantation, Alipore, Bengal, from the tubers of the maranta arundinacea.

STAINES (THOMAS), Glendale and Runnymede, Conoor, Nilgherries.—Tea and coffee.

Tea samples exhibited through the Calcutta Tea Syndicate.

H. M. SHEPHERD, Telwaree Tea Plantation, Kumaon district.—Orange Pekoe, Pekoe, Pekoe Souchong, Hyson, Young Hyson No. 1, Young Hyson No. 2, Imperial.

MOUNTJOY & Co., Mountjoy Forest Tea Estate, Arracan district.—Flowery Pekoe, Pekoe, Pekoe Souchong, Souchong.

GRINDLAY & Co., Alyne, Manipore, Cachar district.—Flowery Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong.

GILLANDERS, ARBUTHNOT & Co., Lower Darjeeling Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong.

GILLANDERS, ARBUTHNOT & Co., Boroocherra, Cachar district.—Pekoe, Broken Pekoe, Pekoe Green Tea, Broken Pekoe Tea.

GILLANDERS, ARBUTHNOT & Co., Burkhola Tea Company, "Limited," Cachar district.—Orange Pekoe, Broken Orange Pekoe, Pekoe, Broken Pekoe.

AGRA BANK, "LIMITED," Old Tezpore Concern, Addabaree Garden, Assam district.—Flowery Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong, Broken Tea.

AGRA BANK, "LIMITED," Baleeparah Garden, Assam district.—Indigenous Pekoe, Indigenous Broken Pekoe, Indigenous Pekoe Souchong, Indigenous Broken Souchong.

WILLIAM MORAN & Co., Kurseong & Darjeeling Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong.

WILLIAM MORAN & Co., Central Cachar Tea Company, "Limited," Cachar district.—Pekoe, Broken Pekoe, Pekoe Souchong.

WILLIAM MORAN & Co., Chincoorie Estate, Cachar district.—Orange Pekoe, Pekoe, Broken Pekoe.

WILLIAM MORAN & Co., Kallinugger Tea Garden, Cachar district.—Orange Pekoe.

CAPTAIN C. SKINNER, Lohaghat Tea Estate, Kumaon district.—Pekoe, Pekoe, Souchong.

GISBORNE & Co., Bannockburn Tea Estate, Darjeeling district.—Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong.

WILLIAM MORAN & Co., Kallinugger Tea Garden, Cachar district.—Pekoe Broken Pekoe.

AGRA BANK, "LIMITED," Nellie Tea Estate, Assam district.—Orange Pekoe, Broken Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong.

AGRA BANK, "LIMITED," Hullisur Estate, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Souchong.

GRINDLAY & Co., Sylhet Tea Company, "Limited," Sylhet district.—Pekoe, Broken Pekoe, Pekoe Souchong.

HOARE, MILLER & Co., Singell Tea Company, "Limited," Darjeeling district.—Pekoe, Broken Pekoe, Pekoe Souchong.

HOARE, MILLER & Co., Teendaree Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Pekoe, Pekoe Souchong.

DUNCAN BROTHERS & Co., Amo Tea Estate, Sylhet district.—Pekoe, Broken Pekoe, Pekoe Souchong.

DUNCAN BROTHERS & Co, Kankee Tea Estate, Chota Nagpore district.—Pekoe, Broken Pekoe, Pekoe Souchong.

DUNCAN BROTHERS & Co., Ellenbarree Tea Company, "Limited," Western Dooars district.—Orange Pekoe, Flowery Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong.

DUNCAN BROTHERS & Co., Manabarree Tea Association, Western Dooars district.—Pekoe, Broken Pekoe, Pekoe Souchong.

A. MCD. CLARK, ESQ., Runglee & Rungliot Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Fine Pekoe, Pekoe, Broken Pekoe, Pekoe Fannings, Dust, Pekoe Souchong, Broken Pekoe Souchong.

COLONEL GUJRAJ SING, CHETTRY, Soakthim Tea Estate, Nepaul district.—Flower Orange Pekoe, Orange Pekoe, Broken Orange Pekoe, Pekoe Souchong.

KODAANAD ESTATE, Kodaanad Tea Estate, Kotagherry, Nilgherry Hills district.—Oolong, Young Hyson, Orange Pekoe.

A. H. WALLIS, ESQ., Sungma Tea Association, Darjeeling district.—Orange Pekoe, Broken Orange Pekoe, Pekoe, Pekoe Souchong,.

JALPAIGURIE TEA COMPANY, "LIMITED," Mongolkatta Tea Estate, Dooars district.—Flowery Pekoe.

J. E. RAYNEAU, ESQ., Evenor Tea Estate, Assam district.—Flowery Pekoe.

BALMER, LAWRIE & Co., Beheating Tea Estate, Assam district.—Pekoe, Broken Pekoe.

BALMER, LAWRIE & Co., Lunaikhall Tea Estate, Cachar district.—Pekoe, Broken Pekoe, Pekoe Souchong, Souchong.

BALMER, LAWRIE & Co., British India Tea Company's Urrunabund Garden, Cachar district.—Pekoe Souchong, Broken Pekoe.

BALMER, LAWRIE AND Co., British India Tea Co.'s Urrunabund Garden, Cachar district.—Pekoe.

BALMER, LAWRIE AND Co., British India Co.'s Sessa Garden, Cachar district.—Pekoe Souchong, Broken Pekoe, Broken Tea Pekoe.

BALMER, LAWRIE AND Co., Jokai Tea Co.'s Jameerah Garden, Assam district.—Broken Pekoe, Broken Orange Pekoe, Pekoe Souchong, Pekoe, Flowery Pekoe, Orange Pekoe.

BALMER, LAWRIE AND Co., Poobong Tea Estate, Darjeeling district.—Flowery Pekoe, Pekoe Souchong No. 1, Pekoe Souchong No. 2, Pekoe, Broken Pekoe.

BALMER, LAWRIE AND Co., Lebong Tea Co, Ld., Tukvar, Darjeeling district.—Pekoe Souchong, Pekoe, Orange Pekoe.

BALMER, LAWRIE AND Co., Lebong (Barnesbeg), Darjeeling district.—Orange Pekoe, Pekoe, Flowery Orange Pekoe.

BALMER, LAWRIE AND Co., Koleapanie Tea Estate, Assam district.—Pekoe Souchong, Pekoe.

BALMER, LAWRIE AND Co., Indian Tea Company, Assam district.—Orange Pekoe. Darjeeling district.—Orange Pekoe. Assam district.—Pekoe Fannings. Sylhet district.—Pekoe, Broken Pekoe. Assam district.—Broken Pekoe. Dooars district.—Broken Pekoe. Cachar district.—Pekoe. Assam district.—Pekoe Souchong.

SHAW, FINLAYSON AND Co., Doloo Tea Estate, Cachar district.—Flowery Pekoe, Orange Pekoe, Pekoe, Pekoe Souchong, Souchong, Congou, Green Tea.

SHAW, FINLAYSON AND Co., West Jalinga Tea Estate, Cachar district.—Pekoe, Broken Pekoe, Pekoe Souchong, Souchong.

SHAW, FINLAYSON AND Co., Lushkerpore Tea Estate, Sylhet district.—Orange Pekoe, Broken Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong, Broken Pekoe Souchong.

SHAW, FINLAYSON AND Co., Oogoorie Tea Estate, Assam district.—Orange Pekoe, Broken Orange Pekoe, Pekoe, Pekoe Souchong.

SHAW, FINLAYSON AND Co., Mukalbarie Tea Estate, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Souchong.

SHAW, FINLAYSON AND Co., Hapjan Tea Association, "Limited," Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Pekoe Souchong.

SHAW, FINLAYSON AND Co., Sapakati Tea Company, "Limited," Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Pekoe Souchong.

SHAW, FINLAYSON AND Co., Khonikor Tea Estate, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Pekoe Souchong.

SHAW, FINLAYSON AND Co., Chota Nagpore Tea Company, "Limited," Chota Nagpore district.—Orange Pekoe, Pekoe, Pekoe Souchong, Oolong.

SHAW, FINLAYSON AND Co., Eastern Assam Tea Company, "Limited," Dewan Garden, Assam district.—Pekoe, Broken Pekoe.

SHAW, FINLAYSON AND Co., Eastern Assam Tea Company, "Limited," Bolye Garden, Assam district.—Pekoe, Broken Pekoe.

SHAW, FINLAYSON AND Co., Eastern Assam Tea Company, "Limited," Guijan Estate, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Pekoe Souchong.

J. MACKILLICAN AND Co., Amchong Tea Estate, Assam district.—Flowery Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong, Souchong.

J. MACKILLICAN AND Co., Annfield Tea Company, Dehra Doon district.—Orange Pekoe, Pekoe Souchong.

J. MACKILLICAN AND Co., Baintbarie Tea Company, "Limited," Dooars district.—Orange Pekoe, Pekoe, Pekoe Souchong.

J. MACKILLICAN AND Co., Dooars Tea Company, "Limited," Flowery Pekoe, Pekoe, Pekoe Souchong, Broken Pekoe, Souchong.

J. MACKILLICAN AND Co., East Hope Town Estate, Dehra Doon district.—Orange Pekoe, Pekoe, Pekoe Souchong.

J. MACKILLICAN AND Co., Kewacherra Tea Estate, Sylhet district.—Pekoe, Souchong.

J. MACKILLICAN AND Co., Lakhanwalla Tea Estate, Dehra Doon district.—Orange Pekoe, Pekoe Souchong.

J. MACKILLICAN AND Co., Lackatoorah Tea Company, "Limited," Sylhet district.—Pekoe, Broken Pekoe, Pekoe Souchong.

J. MACKILLICAN AND Co., Stirling and Culbard Tea Estate, Kangra Valley district.—Flowery Pekoe, Oolong No. 1, Oolong No. 2, Souchong.

OCTAVIUS STEEL AND Co., Kannyhatti Tea Estate, Sylhet district.—Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong.

OCTAVIUS STEEL AND Co., Lungla Tea Estate, Sylhet district.—Orange Pekoe, Broken Pekoe, Pekoe Souchong.

OCTAVIUS STEEL AND Co., Looba Tea Company, "Limited," Pekoe, Broken Pekoe, Pekoe Souchong, Pekoe Fannings.

OCTAVIUS STEEL AND Co., Cherra Tea Company, "Limited," Cachar district.—Orange Pekoe, Pekoe.

OCTAVIUS STEEL & Co., Cherra Tea Company, "Limited," Cachar district.—Broken Pekoe, Pekoe Souchong.

OCTAVIUS STEEL & Co., Eastern Cachar Tea Company, "Limited," Binnakandy, Cachar district.—Flowery Pekoe, Broken Orange Pekoe, Pekoe Souchong.

OCTAVIUS STEEL & Co., Endogram Tea Company, "Limited," Cachar district.—Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong.

OCTAVIUS STEEL & Co., Machi Tea Estate, Darjeeling district.—Flowery Orange Pekoe, Broken Orange Pekoe, Broken Pekoe, Pekoe Souchong.

OCTAVIUS STEEL & Co., Nahor Habi Tea Estate, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Mixed.

J. CONGDON, ESQ., Dhoolie Tea Estate, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Souchong.

DEHRA DOON TEA Co., "Limited," Hurbanswalla Estate, Dehra Doon district.—Pekoe, Orange Pekoe.

DEHRA DOON TEA Co., "Limited," Arcadia Garden, Dehra Doon district.—Flowery Pekoe, Pekoe, Pekoe Souchong.

KOUSAINE TEA Co., "Limited," Kumaon district.—Orange Pekoe, Broken Orange Pekoe, Pekoe, Pekoe Souchong, Pouchong, Souchong, Young Hyson No. 1, Young Hyson No. 2, Hyson No. 1, Hyson No. 2, Gunpowder, Imperial.

MOONSHEE ITMANALLY, Juttola and Sunny Oodiar, Almora *vid* Kumaon district.—Orange Pekoe, Pekoe Souchong, Pekoe, Souchong.

OCTAVIUS STEEL & Co., Chundeecherra Tea Estate, Sylhet district.—Flowery Pekoe, Broken Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong, Souchong, Indigenous leaf, unassorted, China leaf, unassorted.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Latta Koojan, Assam district.—Orange Pekoe Namoona, Orange Pekoe Market, Pekoe Namoona, Pekoe Market, Pekoe Souchong Namoona (2 samples), Pekoe Souchong Market, Souchong Namoona, Souchong Market, Broken Pekoe, Broken Tea.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Diffloo, Assam district.—Pekoe Namoona, Pekoe Market, Pekoe Souchong Namoona, Pekoe Souchong Market, Souchong Namoona, Broken Pekoe Namoona, Broken Pekoe Market.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Jalingah, Cachar district.—Orange Pekoe, Pekoe, Souchong, Broken Pekoe.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Tekulpar and Salgunga, Cachar district.—Orange Pekoe, Pekoe Namoona, Souchong Namoona, Broken Pekoe Namoona, Broken Pekoe Market.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Shabazpore, Cachar district.—Flowery Pekoe Namoona; Pekoe Market, Pekoe Souchong Market, Broken Orange Pekoe Namoona.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Morapore, Sylhet district.—Orange Pekoe Namoona, Pekoe Namoona, Pekoe Market, Pekoe Souchong Namoona, Pekoe Souchong Market, Broken Orange Pekoe Namoona, Broken Pekoe Market.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Kolabarree, Western Dooars district.—Pekoe, Pekoe Souchong, Broken Pekoe.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Moondakotee, Darjeeling district.—Orange Pekoe Namoona, Pekoe Namoona, Pekoe Market, Pekoe No. 2 Namoona, Pekoe No. 2 Market, Pekoe Souchong Namoona, Pekoe Souchong Market, Broken Pekoe Namoona, Broken Pekoe Market.

LAND MORTGAGE BANK OF INDIA, "LIMITED," Chong Tong, Darjeeling district.—Orange Pekoe Namoona, Pekoe Market, Pekoe Souchong Market,

MACKINNON, MACKENZIE & Co., Salonah, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Souchong.

MACKINNON, MACKENZIE & Co., Sokimbaree, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Souchong.

MACKINNON, MACKENZIE & Co., Naupain Estate, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Tea.

MACKINNON, MACKENZIE & Co., Chandpore Estate, Chittagong district.—Pekoe, Broken Pekoe, Pekoe Souchong, Souchong.

LLOYD & Co., Dhanseri Tea Company, "Limited," Assam district.—Indigenous Namoona Pekoe Tip, Indigenous Namoona Orange Pekoe, Indigenous Namoona Flowery Pekoe.

LLOYD AND Co., Dhanseri Tea Company, "Limited," Assam district.—Indigenous Namoona Pekoe, Indigenous Namoona Broken Pekoe, Indigenous Namoona Pekoe Souchong, Indigenous Namoona Souchong, Orange Pekoe, Pekoe, Broken Pekoe, Pekoe Souchong, Souchong.

LLOYD AND Co., Adulpore Terai Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Pekoe, Pekoe Souchong.

LLOYD AND Co., Chenga Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Pekoe, Pekoe Souchong.

LLOYD AND Co., Gielle Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Broken Pekoe, Pekoe, Pekoe Souchong.

LLOYD AND Co., Subtiguri Tea Company, "Limited," Darjeeling district.—Orange Pekoe.

LLOYD AND Co., Second Fallodhi Tea Company, "Limited," Darjeeling district.—Broken Pekoe, Pekoe, Pekoe Souchong, Broken Pekoe Souchong.

LLOYD AND Co., Goomtea Tea Company, "Limited," Darjeeling district.—Flowery Orange Pekoe, Orange Pekoe, Pekoe.

LLOYD AND Co., Singbulli and Murma Tea Company, "Limited," Singbulli Division, Darjeeling district.—Orange Pekoe, Pekoe, Pekoe Souchong, Pekoe Fannings.

LLOYD AND Co., Singbulli and Murma Tea Company, Limited," Murma Division, Darjeeling district.—Orange Pekoe, Pekoe, Pekoe Souchong, Pekoe Fannings.

LLOYD AND Co., Ring Tong Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Pekoe, Pekoe Souchong, Pekoe Souchong No. 2.

LLOYD AND Co., Teesta Valley Tea Company, "Limited," Darjeeling district.—Broken Orange Pekoe, Orange Pekoe, Pekoe, Pekoe Souchong.

LLOYD AND Co., Kelly Den Tea Estate, Assam district.—Broken Pekoe, Pekoe, Pekoe Souchong, Souchong.

WILLIAMSON, MAGOR AND Co., Tukvar Tea Company, "Limited," Darjeeling district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Pekoe Souchong.

WILLIAMSON, MAGOR AND Co., Samgaon Estate, Assam district.—Pekoe Flowery Pekoe, Broken Pekoe, Pekoe Souchong, Souchong, Broken Tea.

WILLIAMSON, MAGOR AND Co., Boisa Habi Concern, Assam district.—Flowery Pekoe, Orange Pekoe, Pekoe No. 1, Pekoe No. 2.

WILLIAMSON, MAGOR AND Co., Moabund Estate, Assam district.—Pekoe Souchong.

WILLIAMSON, MAGOR AND Co., Moabund, Assam district.—Orange Pekoe, Pekoe Fannings, Broken Pekoe, Pekoe.

WILLIAMSON, MAGOR AND Co., Hoolmaree Tea Company, "Limited," Assam district.—Peko Souchong, Broken Tea, Pekoe, Broken Pekoe.

WILLIAMSON, MAGOR AND Co., East India Tea Company, "Limited." Cachar district.—Orange Pekoe, Broken Pekoe, Pekoe, Pekoe Souchong.

WILLIAMSON, MAGOR AND Co., Dhundibree Estate, Darjeeling district.—Pekoe, Broken Orange Pekoe, Pekoe Souchong, Broken Tea.

WILLIAMSON, MAGOR AND Co., Scottish Assam Tea Company, "Limited," Assam district.—Flowery Pekoe, Pekoe, Pekoe Souchong, Broken Pekoe.

WILLIAMSON, MAGOR AND Co., Mim Tea Company, "Limited," Darjeeling district.—Pekoe, Broken Pekoe, Flowery Pekoe, Pekoe Souchong.

WILLIAMSON, MAGOR AND Co., Borelli Tea Company, "Limited," Assam district.—Pekoe Soucheng, Pekoe, Broken Pekoe Souchong, Flowery Pekoe, Broken Pekoe.

WILLIAMSON, MAGOR AND Co., Selim Hill Estate, Darjeeling district.—Flowery Pekoe.

WILLIAMSON, MAGOR AND Co., Soom Tea Company, "Limited," Darjeeling district.—Orange Pekoe, Flowery Pekoe, Broken Orange Pekoe, Broken Pekoe, Pekoe, Pekoe Souchong, Broken Tea.

WILLIAMSON, MAGOR AND Co., Deejoo Tea Company, "Limited," Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Pekoe Souchong.

WILLIAMSON, MAGOR AND Co., Gilladharee Concern, Assam district.—Pekoe, Broken Pekoe, Pekoe Souchong, Broken Tea.

WILLIAMSON, MAGOR AND Co., Harmutty Estate, Assam district.—Broken Pekoe, Pekoe Souchong, Broken Pekoe Souchong, Pekoe.

WILLIAMSON, MAGOR AND Co., Jinglam Tea Company, "Limited," Darjeeling district.—Broken Pekeo, Orange Pekoe, Pekoe, Pekoe Souchong.

WILLIAMSON, MAGOR AND Co., Doolahat Estate, Assam district.—Pekoe Souchong, Broken Pekoe Souchong, Broken Pekoe, Pekoe.

WILLIAMSON, MAGOR AND Co., Ohat Estate, Assam district.—Pekoe Souchong, Pekoe, Broken Pekoe, Souchong, Broken Pekoe.

WILLIAMSON, MAGOR AND Co., Longview Tea Company, "Limited," Darjeeling district.—Pekoe Souchong, Broken Pekoe, Broken Pekoe Souchong, Pekoe.

WILLIAMSON, MAGOR AND Co., Kyel Estate, Darjeeling district.—Broken Tea.

WILLIAMSON, MAGOR AND Co., Kyel Estate, Darjeeling district.—Pekoe, Pekoe Souchong, Broken Pekoe.