

Asylum Press Almanac, Directory
and Compendium of intelligence for 1850

P 1. Pp up to 174.

பலிபவற் பெயர்
 வினாவினாதி
 பதிலுதற்காது எடுத்தல்
 வினாவினாதி

செப்டம்பர் 94
 வினாவினாதி 9/94
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Asylum Press
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Superintendent

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Rules for admission to Staff Corps to the several Staff Departments, viz., Commissariat, Transport, Military Accounts, Judge Advocate General, Adjutant General, and Quarter Master General. Rules for Commuting pension Rates of pension to Officers, and Warrant Officer Madras Indian Service Pension Fund: Transport and Ambulance transport. Price, 8 Annas Cash

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CIVIL AND UNCOVERED
MERCHANTS, PLANTERS AND
OF MADRAS AND THE MOUNTAINS

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I beg respectfully to solicit your
attention to the facilities afforded by
this Press for the execution of Printing
and Binding in every variety of style.
Book-work is a prominent feature in
the business, and for Fancy Printing
our resources in Type and material are
second to none in India. Our working
capacity and Materials are so exten-
sive that we are enabled to execute
very large orders at the shortest notice.
Charges will be found very moderate,
and referring you to the marginal note
in this letter, I solicit a share of your
kind patronage which shall have my
best attention.

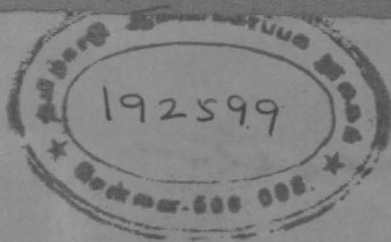
I have the honor to be,
Gentlemen,

Your most obedient Servant,

G. W. TAYLOR,

Superintendent.

Half of this Press go towards the support of the Orphans in the
Lawrence Asylum at Ootacamund.



7211, M90
M89.1

SMITH & CO.,

MADRAS, BENGALORE & OOTACAMUND.

and Pharmaceutical Chemists,

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Preparing and Dispensing of Medicines, and to their particular and experi-
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Prescription dispensed is taken and registered, whereby a reference to the same at
any future period can always be readily made. Every precaution is adopted, both in
the mixing and dispensing of Medicines, to prevent error, bottles of a peculiar con-
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SOUTH PARKADE, BANGALORE;

AND AT

OOTACAMUND, NILGIRIS.

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ARE PROPRIETORS OF

THE LARGEST AERATED WATERS FACTORY
IN THE MADRAS PRESIDENCY,

SET UP ON THOROUGH HYGIENIC AND SCIENTIFIC PRINCIPLES.

Splendid Filters, Reservoirs for Sedimentation, Precipitation,
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"GLENLIVAT," well matured, mild, delicate in flavour, quite free from peaty rankness
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ARE ALSO CONSIGNERS OF THE FAMOUS

"LONG JOHN" Whiskey (The Dew of Ben Nevis), a very celebrated Highland spirit

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2nd " 10 x 4 $\frac{1}{2}$ "	"	7	
3rd " 9 $\frac{1}{2}$ x 3 $\frac{3}{4}$ "	"	6	
4th " 8 $\frac{3}{4}$ x 4 "	"	5	
5th " 6 $\frac{3}{4}$ x 4 $\frac{1}{2}$ "	"	4	
6th " 5 $\frac{1}{2}$ x 3 $\frac{1}{2}$ "	"	4	
7th " 4 $\frac{1}{2}$ x 2 $\frac{3}{4}$ "	"	4	
1st size, Cartridge Paper, for 100.....	Rupees	1	} Inclusive of Paper.
French " "	"	1	
Foolscap " "	"	1	
*2nd size, Cartridge " "	"	1	
French " "	"	1	
Foolscap " "	"	1	
5th size, Cartridge " "	"	0	
French " "	"	1	
Foolscap " "	"	1	
6th size, Cartridge " "	"	0	
French " "	"	0	
Foolscap " "	"	1	
7th size, Cartridge " "	"	0	
French " "	"	0	
Foolscap " "	"	0	

* 3rd and 4th sizes, the same charges as the 2d size.

LAWRENCE ASYLUM PRESS.

G. W. TAYLOR,
 Superintendent.

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 Half bound Copy " 16, do. do. " 2 8
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Published quarterly.
 Price to Subscribers Rupees 3; Postage and Packing, 4 Annas.
 Price to Non-Subscribers Rupees 4 per copy; Postage and Packing, 4 Annas.

CIVIL LIST.

Published monthly.
 Price Rs. 1, Postage and Packing one Anna and six Pies.

HISTORY OF SERVICES OF GAZETTED OFFICERS in the Civil Department serving in Madras Presidency. Price Rs. 4; Packing and Postage 7 Annas.

Local Forms—continued.

**List of Regimental Books for sale at the
Lawrence Asylum Press.**

				RS.	A.	P.
M. M. F. 340 Equipment Accounts	...	3	Quires Foolscap printed	...	5	8 0
" 341 do and Cart Fund Accounts	...	3	do do do	...	5	8 0
" 345 Morning Reports, Native Cavalry	...	4	do Demy do	...	11	0 0
" 346 do do do Infantry	...	4	do do do	...	11	0 0
" 350 Regimental Register, Native Army	...	4	do Foolscap do	...	8	8 0
" 360 do do of Hairs	...	4	do Demy do	...	11	0 0
" 777 Register of Attendance, Adults	...	1	do do do	...	5	0 0
" 778 do do Children	...	1	do do do	...	5	0 0
" 750 Register of Certificate of Education	...	2	do Foolscap do	...	4	6 5
Army Book 59 General Account Book	...	4½	do Demy do	...	15	0 0
" 61 Paymaster's Cash Ledger	...	6	do do do	...	15	0 0
" 127 Permanent Order Book	...	4½	do Foolscap with Index	...	5	0 0
" 193 Register of Letters Received	...	4	do do do	...	5	0 0
" 142 War Office Ledger	...	6	do (A F N 1475)	...	5	0 0
" 137 Company Order Book	...	...	...	...	1	6 5
N1529 Balance Sheet and Cash Account Royal Arty.	1	do	Foolscap, each	...	1	8 0
F. S. F. 7 Memorandum Book	...	...	...	...	3	8 0

RATES OF MILITARY FORMS

Sold at the Lawrence Asylum Press.

SIZE OF PAPER.	150 or 100 Copies.	40 Copies.	36 Copies.	30 Copies.	25 Copies.	20 Copies.	12 Copies.	1 Copy.
	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	A. P.
Half Sheet foolscap 1 page printed	1 8	1 6	1 6	1 4	1 2	1 0	0 12	1 0
Do. 2 do.	1 12	1 10	1 8	1 6	1 4	1 2	0 15	1 3
Do. 4 do.	3 0	2 12	2 8	2 6	2 4	2 0	1 8	2 0
Blue Lined.								
Half Sheet foolscap 1 page ptd. & ruled.	2 4	2 1	2 1	1 14	1 11	1 8	1 2	1 6
Do. 2 do. do.	2 8	2 5	2 3	2 0	1 13	1 10	1 5	1 9
One Sheet 4 do. do.	4 8	4 2	3 14	3 10	3 6	3 0	2 4	3 0
Blue Lined.								
Half Sheet Demy 1 page printed.	2 12	2 8	2 8	2 6	2 4	2 2	1 8	2 0
Do. do. 2 do. do.	3 0	2 14	2 12	2 10	2 8	2 6	1 14	2 6
One Sheet do. 4 do. do.	5 8	5 4	5 2	5 0	4 8	4 0	2 10	3 6
Blue Lined.								
Half Sheet Demy 1 page ptd. and ruled.	4 0	3 3	3 3	3 0	2 13	2 10	1 14	2 5
Do. do. 2 do. do.	4 4	3 9	3 7	3 8	3 1	2 14	2 4	3 0
One Sheet do. 4 do. do.	8 0	7 8	7 0	6 8	6 0	4 8	3 6	4 6

G. W. TAYLOR,

	Quarter sheet.	Half sheet.	
shed to Hospital	...	do	2
Barack appointments	...	do	1
men exchanged	...	do	2 Pages
ng) Battery	...	do	1 Page.
Adiers garden seeds	...	do	1 do.
ent House	...	do	2 Pages.
port	...	do	1 Page.
ined for 1st Class Certificates	...	do	1 do.
do 2nd Class do	...	do	1 do.
do 3rd Class do	...	do	1 do.
do 4th Class do	...	do	1 do.
rs skeleton form 2nd Class	...	One sheet	3 Pages.
do 3rd Class	...	Half sheet	1 Page.
do 4th Class	...	do	1 do.
do 1st Class	...	do	1 do.
do 2nd Class.	...	do	1 do.
do 3rd Class.	...	do	1 do.
do 4th Class.	...	do	1 do.

Revised List of India Army Forms.

Officers' Services	...	Two Sheet Foolscap	8 pages.
do Indian Medical Department	...	do	8 do.
Roll and Record of Service for Native followers	...	One do	4 do.
British and Ex-Indian Officers struck off the Indian	...	Half do	1 Page.
Character Book	...	One do	4 Pages.
Prisoners of the Regiment or Battery	...	Half do	1 Page.
for Leave of Absence for an Officer of the Indian	...	One do	4 Pages.
do for an Officer of the British Service	...	do	4 do.
for Leave of Absence for Hon. Commissioned Officers,	...	One do	3 Pages.
Apothecaries and Warrant Officers	...	Half do	1 Page.
Marker's Roll	...	do	1 do.
Abstract of the Canteen Accounts	...	One do	4 Pages.
Roll of Staff Officers and Officers doing General Duty	...	Half do	1 Page.
Foundation for the Relief (next embarkation season) of	...	Quarter do	4 Pages.
ers serving at the Depot	...	do	2 do.
State (British Infantry)	...	do	2 do.
(Native Cavalry)	...	do	2 do.
Initial Nominal List of Candidates for the Higher Stan-	...	Half do	1 Page.
Examination in Hindustani	...	do	1 do.
desirous of reckoning former service	...	One do	2 Pages.
Form A. R. 2 Long Roll	...	One & Half do	6 do.
do 12 Sheet Roll	...	do	6 do.

List of Army Forms.

Pocket Account Book	...	Demy 8vo.	
Settlement Sheets	...	do	
Return of Increase and Decrease	...	One & Half Sheet Foolscap	6 Pages.
Sheet	...	One do	4 do. B.L.
Sheet	...	do	3 do.
for Discharge of a Soldier	...	Half do	2 do. B.L.
on Return	...	One do	4 do.
urn of Troops Embarked	...	Half do	2 do.
of Soldiers' Families	...	Quarter do	2 do.
Adiers	...	Half do	2 do.
do	...	do	2 do.
do	...	do	2 do.
do	...	One do	3 do.
do	...	do	3 do.
do	...	do	3 do.
Punishment Royal Artillery	...	Half do	1 do.
Troop or Company	...	Quarter do	1 do.

7	Parade State of Troop	...	...	...
B238	Do of Letter	...	...	do
B295	Soldiers' Pass...	...	...	do
12064	Form of Questions for Officer Commanding	...	...	do
D402	Name and Description of Men Recommended for Employment	...	...	Card.
E500	Form of Recommendation of an Officer for an Adjutancy in the Auxiliary Forces "Confidential"	...	...	Half
L1860	Annual Requisition for Printed Forms	...	...	Two
L1372	Application for Books and Maps	...	...	Half
N1452	Acquittance Roll of Detachment on Boardship	...	...	One
N1475	Soldiers' Ledger Sheets	...	...	Half
BF418	Annual Abstract Return of Horses	...	...	One
408	Weekly Duty State	...	...	Half

Local Forms.

No.				
1	Family Certificate Form	...	...	Quarter sheet
2	do do	...	...	One
2	do do	...	...	Half
3	do do	...	...	do
4	do do	...	...	do
5	do do	...	...	do
6	do do	...	...	do
7	do do	...	...	do
8	do do	...	...	do
9	do do	...	...	do
10	do do	...	...	do
11	do do	...	...	do
12	do do	...	...	do
13	do do	...	...	do
14	do do	...	...	do
15	do do	...	...	do
	Service Books	...	...	Two
	Weekly Return of Sick British Troops	...	...	Half
	Register of Rifles	...	...	One
	Abstract of Assessments	...	...	Half
	Monthly Return of Officers Medical Establishment	...	...	One
	Memo. for Instruction for Filling Credit List	...	...	Half
	Examination Papers, 2nd Class	...	...	One
	do do 3rd do	...	...	do
	do do 4th do	...	...	do
	Will Form, Half and Full Sheet.	...	...	
	Embarkation Return	...	...	Half
	Garrison Guard Report	...	...	One
	Marriage Certificate	...	...	Half
	Detail of Natives	...	...	do
	Rock Form	...	...	do
	Commissariat Form	...	...	do

BUCKINGHAM HOTEL.

TRUE COPIES OF TESTIMONIALS.

MADRAS, 24th July 1889.

During the fortnight I have been here everything has been done to my satisfaction. The food is good and the Hotel clean.

Suggested. — That the servants be more attentive when called upon.

W. J. WHELAN, JR.

MADRAS, 31st July, 1889.

I have resided at the Buckingham Hotel, with my family, for the past seven days, and have found the rooms very comfortable, the table good, and the arrangements generally superior to anything I have before experienced at an Indian Hotel. I can recommend the Hotel as the best place of its kind in Madras.

ROBERT P. GILK.

MADRAS, 12th July, 1889.

I have had rooms at this Hotel since April last, and am very well satisfied with the accommodation provided. The Hotel is very clean and the table is good. I can recommend it. I leave because I have taken a house.

J. W. HANDLEY.

MADRAS, 10th August, 1889.

I have stopped at the Buckingham Hotel for some days. I found everything clean and comfortable. It is the best Hotel that I have met with in Madras, and I have stayed at them all.

R. SHERIDAN.

MADRAS, 16th August, 1889.

I have put up twice at this Hotel, — on the first occasion for two days and on the last occasion for a month. The Hotel is all that could be desired, clean rooms, good food and servants attentive. The Proprietor is very civil and obliging.

THOMAS QUINN, Surgeon.

MADRAS, 16th August, 1889.

I have stayed twice at this Hotel, — for ten days and also for a week subsequently. I find everything very comfortable and clean and the food good. The servants are attentive, and the Proprietor civil and obliging. All reasonable wishes are carried out to the best of their ability as soon as expressed.

A. J. UNDERWOOD.

MADRAS, 24th August, 1889.

I put up at this Hotel for a week, and found the rooms particularly clean and comfortable.

T. FERGUSON.

4th November, 1889.

I have stayed on more than one occasion at the Buckingham Hotel, Madras, and have pleasure in stating that I have found its arrangements and management very good on the whole and the charges moderate, and I have always found the Proprietor, Mr. Gooroomony Moodelliar, anxious to do all in his power to secure the comfort of those who stay in the Hotel. I have always found the food superior to that of any other Hotel of which I have had experience in Madras.

(Signed) R. C. CHAPMAN.

BUCKINGHAM HOTEL, ROYAPETTAH,

6th November, 1889.

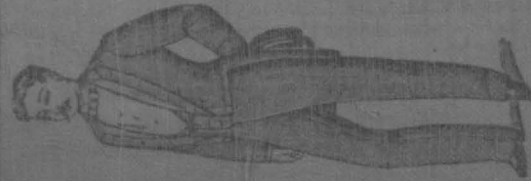
I have on two occasions stayed at this Hotel several weeks at a time and have every reason to speak well of it.

It has one special point in its favor, it's clean, and that's more than can be said of most Indian Hotels; and the Proprietor, Mr. Gooroomony Moodelliar, the most obliging of landlords.

(Signed) JOHN PATNE.

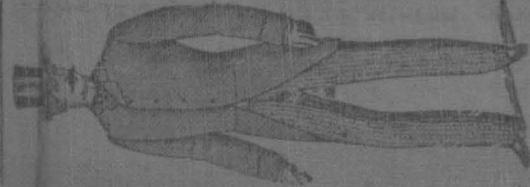
N.B. — This Hotel is 3 storied and has a commodious detached 2 storied Bungalow, notwithstanding which it is regretted that hundreds of Ladies and Gentlemen Passengers by Steamers and Trains were disappointed after driving down to the Hotel with their luggage to find that no rooms were to be had.

The Proprietor however hopes to be able to complete the arrangements he has already undertaken, to enlarge the premises, in order to prevent similar disappointment during the season in the current year.



DRESS SUIT

Fit and finish guaranteed,
New Cutters,
New Goods,
Moderate Prices



VISITING SUIT

For Country orders carefully measured
to. Samples and self-measurement
form sent free on application.
184, Popham's Broadway
MADRAS.

THE BOMBAY CASH BAZAAR, MADRAS.

Haron Sait & Brother,

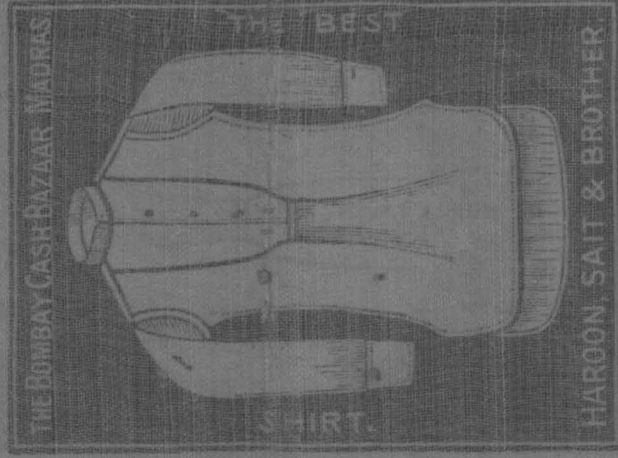
THREE FATHERS,
SPECIALISTS IN
GENERAL RETAIL
AND
NEW GOODS.

TAILORING DEPARTMENT. We invite special attention to this Department. Being desirous of importing the right materials to the Indian market, we have taken pains to select the most reliable and those made to stand much usage, and the distinctive nature of the Indian climate. Imported direct from the manufacturers, and made of the best quality, we can recommend these as thoroughly serviceable goods, and not such as are made "for sale but not for use." The long experience we have had in this country has given us a practical knowledge of the requirements of such a climate, such a knowledge that is not to be acquired elsewhere long and tedious, and which cannot be over-estimated. Many goods are sent to India by English firms that within a short period become totally unfit for use, because the exporters do not understand the requirements necessary to withstand climatic influences. With regard to price, we beg to affirm that goods of a similar description, cannot be imported at a lower cost.

MORNING SUITS.—We have taken great care in this important department in selecting the materials, and we expensively recommend the quality as made by several London Houses. The cheapest place in India for these suits is the **Bombay Cash Bazaar**. A trial will convince any one of this fact.

WEDDING SUITS.—We import the best material for this department direct from London. The suit can be worn with black Trowsers, or light Tweed Trowsers and black Waistcoat, or white Waistcoat.

DRESS SUITS.—Special value. A suit can be finished within 20 hours. Fit and finish guaranteed. Several suits, made by others, have been brought, and altered by us to a perfect fit.



A perfectly comfortable, easy and well-fitting Shirt is acknowledged by every gentleman residing in the East to be a great luxury, and we guarantee to supply this to perfection. We pay great attention to this very important department of our business, and every shirt being cut and made up under our own personal supervision and great care is taken that the work is of the best, every seam being well turned and strongly sewn to resist the rough usage of the Indian climate.

White long cloth Shirts with best stitching and strongly sewn.
per 3 dozen Rs. 10, 12, 13, 14, and 15.
dozen Rs. 18, 22, 25, 26, and 28.
White long cloth with linen buttons and cuffs.
per 3 dozen Rs. 13, 15, 16, 17, and 18.
dozen Rs. 25, 28, 30, 32, and 35.

BOOTS AND SHOES. We would draw your particular attention to our Boots and Shoes, which are manufactured to our express order, and which have been universally worn for many years past in India, and other Tropical climates with marked benefit to the health and comfort of the wearers.

COLLARS.—In all shapes and sizes, from the Best London Houses.
SCARFS AND TIES. The finest selection that can be found, and to the most fashionable variation.

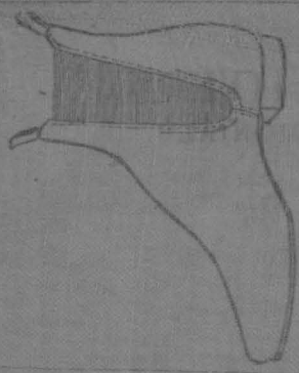
HATS AND HELMETS.—All our Hats, bear our name "HARON SAIT & BROTHER, MADRAS" as a local guarantee of their being first rate articles. They are made to our express order in England, by manufacturers, who are not known to the general public, but supply only the best dealers. We pay no Agents or middlemen. In England, but more particularly in India, there is an ever-increasing number of Hat sellers, who are wholly ignorant of the condition requisite for a good Hat, and who simply trade upon the ignorance and gullibility of the general public.



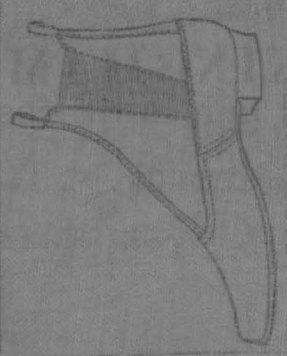
STEEL TRUNKS



STEEL TRUNKS



PARADE BOOTS



RIDING BOOTS



DRESS PUMPS



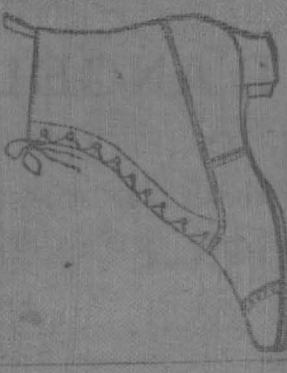
LACE SHOES



CANVAS SHOES



ELASTIC SHOES



LACE BOOTS

G. D'ANGELIS,

MANUFACTURING CONFECTIONER, GLACIER, &c.

General Purveyor and Dress Contractor.

MAISON FRANÇAISE.

MOUNT ROAD, MADRAS.

AWARDED GOLD MEDAL: International Exhibition, Calcutta, 1883-84.

ESTABLISHED 1880

Bees to inform the public that he has always on hand an extensive and varied assortment of Bonbons Melange, Chocolate Creams and Praline, Chocolate Nougat, Pralines à la Vanille, Marron Glacé, or Chest-nuts, Nougat de Montelimar, Pate de Glimme and Jambons, Fresh Crystallized Mixed Fruits, Crystallized Pineapple, Chocolate and assorted Caramels, Acid Drops (several flavors), Pastilles de Gomme, Chocolate D'Angels in Cakes, Chocolate Croquette, and French Gelatine.

Wedding Cakes.

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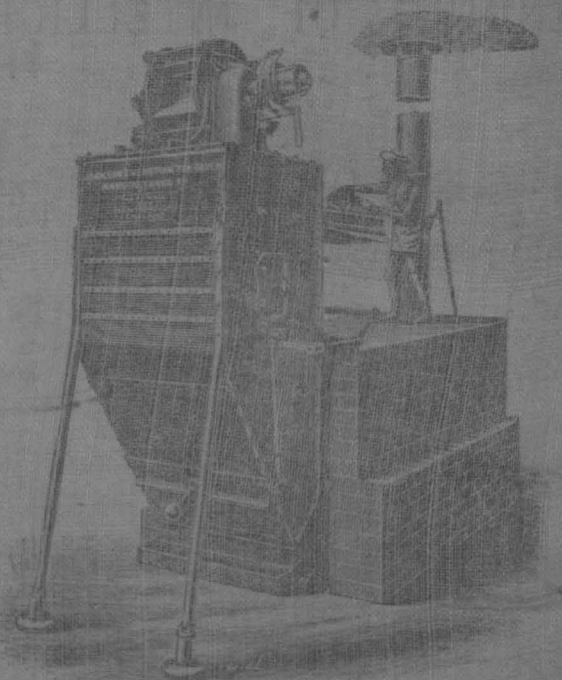
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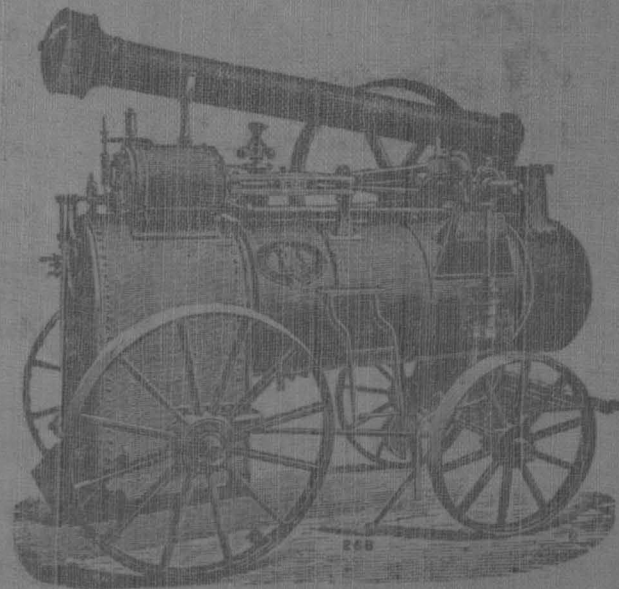
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OUR RETROSPECT FOR 1889.

English Politics.

The political outlook in Europe at the opening of the year 1889 was hardly more cheering or hopeful than it had been for some years past, though nothing of any importance had taken place to affect the cordial relations which were declared to exist between England and the other Powers. France was awaiting the results of the election in the Department of the Seine which was to furnish a test of the extent of General Boulanger's popularity in Paris; the East Africa Bill had to be debated in the German Reichstag; Germany had to explain her interference in Samoa; the unusual restlessness of Germany, a characteristic of the present reign, was attracting general attention. In fact there was a feeling of general uneasiness abroad, and some of the Powers were increasing their armaments. This being the state of the political atmosphere, it was but natural to expect that at the opening of Parliament, the first place in order of importance in the business of the Session would be conceded to the question of the national defenses of the British Empire, not in consequence of any difficulties with any particular Power or from any apprehension of attack from any quarter, but purely as a defensive and precautionary measure. The public mind had at length been fairly roused to the necessity for strengthening the national defenses, and especially for placing the Navy in a position equal to bearing any possible strain which might be forced upon that great bulwark of the English liberties and the British Empire. The Parliamentary debate on the Army and Navy estimates was, therefore, anxiously looked forward to. As to domestic politics, the renewal of the political controversy at the opening of the year, after a brief suspension of arms, began with an energy that threatened to become overwhelming. Three important speeches were delivered on the 23rd January by Mr. Chamberlain at Birmingham, by Lord Rosebery at Scarborough, and by Lord Derby at Ashton-under-Lyne. Mr. Chamberlain's speech was naturally the most interesting. He was struck with the subordinate position into which the Irish controversy had descended, this being due to the fact that people in England and Scotland had found out that they had other things to think about, besides the legendary woes of the "down-trodden" people of Ireland. This was practically admitted by Mr. Gladstone himself in a speech which he delivered at Limehouse when he advertised a highly stimulating bill of fare and endeavoured to convince the English public that a vast number of legislative reforms were of imperative urgency. Mr. Chamberlain further proceeded to enumerate several of the useful, though not perhaps, sensational measures which would occupy Parliament in the approaching Session, such as the Employers' Liability Bill and other projects which fell victims the previous year to obstruction, and two corollaries of the Local Government Act—the Scotch Local Government Bill and the District Councils Bill. Mr. Chamberlain recognised the paramount importance of strengthening the Navy in view of the changes in modern scientific warfare and the progress of neighbouring states. Lord Derby made a temperate, yet comprehensive exposition of the Unionist faith, and urged perseverance in the course adopted as the right one, viz., to enforce the law, to uphold honesty in dealing with contracts, and to protect private liberties against organised terrorism. Mr. Morley, at Sheffield, like Lord Rosebery at Scarborough, denounced the action of Government in the matter of the conviction of Mr. Harrington and others under the Crimes Act. Mr. Gladstone did his utmost to persuade his countrymen that Mr. O'Brien had been imprisoned simply for doing what had been done with impunity by the Primrose League, but this was refuted not only by Mr. Balfour, Chief Secretary for Ireland, but also by Mr. O'Brien himself, who explicitly declared that he chose rather to undergo the punishment imposed on him by the law than to abstain from participation in carrying on what the highest legal authorities had pronounced to be illegal, and what the Head of the Roman Catholic Church had condemned as immoral. Lord Selbourne speaking at Oxford on the 6th February pointed out the inconclusive character of all the empirical suggestions put forth for improving the condition of Ireland by political changes, and at the same time vindicated the Government of Great Britain from the preposterous charges frequently formulated for party purposes against it. By meeting the ungenerous harping upon the blunders of our ancestors, Lord Selbourne asserted with confidence that for sixty years past serious efforts had been made to retrieve previous mistakes which were admitted to have been made and an anxiety had been shown to promote Irish welfare. Ireland enters upon the new year with a brighter promise than has marked her course for many years past. Despite the occasional scenes of excitement and violence exhibited in some places, the burden of her cares and troubles is largely diminished, and the general condition of the country very favourable. There are signs of returning and increasing prosperity on all hands, the general prospect is brightening up, and the spirit of all classes is more hopeful and buoyant. There is a great and growing improvement in the circumstances, the habits, and the moral tone of the Irish people. Merchants find less difficulty in getting their accounts settled, and landlords and agents are on more cordial terms with their tenants,—clearing off old scores, and in the great majority of cases receiving the rents

agreed upon. There has been a marked diminution in the number of offences, and there is a growing feeling of security. The steady operation of the summary jurisdiction provided by the Crimes Act has rendered organised intimidation more difficult and more dangerous, and freedom has been restored. Speeches, illegally putting to terrorism, continued to be surreptitiously made at intervals throughout the past year, but the number of these has happily diminished to a very appreciable extent.

The Opening of Parliament.

Both Houses of Parliament assembled at Westminster on the 21st February, when the following Royal speech was read by Commission.

Mr. Lords and Gentlemen.—During the brief period that has elapsed since the close of the last Session, nothing has taken place to affect the cordial relations which exist between myself and other Powers.

The operations which had been successfully completed in Egypt a few days before the last prorogation, have effected the object for which they were undertaken, and I see no ground for apprehending the renewal of disturbance in the neighbourhood of Soudan. The negotiations which I had directed to be opened with the rulers of Tibet for the purpose of preventing encroachment on my rights over the territory of Sikkim have not as yet been brought to a favourable conclusion, but I hope that further military operations will not be necessary.

I have consented to take part in a Conference with Germany and the United States at Berlin upon the affairs of Samoa, in continuation of that which was recently assembled at Washington.

Gentlemen of the House of Commons.—The Estimates for the public service of the year will be laid before you. The increasing expenditure upon warlike preparation which has been incurred by other European nations, has rendered necessary an increase in the precautions which have hitherto been taken for the safety of our shores and our commerce. The counsels by which other Powers are guided, and which dispose of their vast forces, are at present uniformly friendly to this country, but I have no right to assume that this condition is necessarily secure from the possibility of change.

My Lords and Gentlemen.—Some portions of the Bill which was presented to you last year for amending the Local Government of England and Wales, were laid aside in consequence of the pressure upon the time of Parliament; and from the same cause it was found to be impossible to enter upon the question of Local Government for Scotland. Bills dealing with these matters will be laid before you.

Your early attention will be asked to measures for developing the material resources of Ireland; and for amending the constitution of the various tribunals which have special jurisdiction over real property in that country. The statutes which you have recently passed for the restoration of order and confidence in Ireland have already been attended with salutary results.

Legislative provision will be necessary for executing the Convention into which I have entered for the suppression of beetles on the exportation of sugar; and also for completing the conversion of the Three per cent. Annuities. The state of the gold coinage has for some years past been the subject of legitimate complaint. A measure for restoring it to a satisfactory condition will be laid before you.

Though the Commission which I appointed to inquire into the Civil Establishments of the United Kingdom has not yet completed its labours, it has already made a report of much value, and proposals for legislation arising out of that report will be submitted to you.

Several subjects which I have commended to your care in previous years, but which the increasing burden of our duties has shut out from consideration, will be submitted to you again. In this number will be included measures relating to tithes, for the regulation of the Universities of Scotland, for determining the liability of employers in the case of accidents, for establishing a department of Agriculture, for cheapening the transfer of land, and for remedying abuses attending to Joint Stock Companies formed under limited liability.

I pray that the blessing of Almighty God may be with you in the discharge of your arduous duties.

In the House of Lords, Lord Londeshorough moved the address in answer to the speech from the Throne, and in doing so referred to the doings of Mr. O'Brien and other leaders of the Home Rule party to demonstrate that the Government was justified in offering a firm resistance to the movement itself. He commended the Government on its proposal to strengthen the national defence. Lord Penrhyn seconded the motion. Lord Granville made the usual enquiries for further explanations on foreign affairs and having congratulated the Government on the brilliant manner in which the military expeditions in Egypt had been carried out, he passed on to home politics. He hoped that whatever was necessary to be done would be done to strengthen the national defence and that no attempt would

be made by the Government to cope with the great standing Armies of the Continent. As to Ireland, he said, the opposition had not information which would bear out the statement in the speech from the Throne. Lord Salisbury said that the Crimes Act created no new crime. It enacted means for preventing the perpetration (of what was already crime all over the United Kingdom). Certain powers of proclamation were given to the Lord Lieutenant with the object of preventing crime, and of course disobedience to His Excellency's proclamation was an offence under the Act. Lord Salisbury agreed in the remarks made by Lord Londeshorough, and denied that the Government had been guilty of either harshness or inconsistency in Mr. O'Brien's case. He read statistics to bear out the statement in the speech from the Throne that the statutes which Parliament had recently passed for the restoration of order and confidence in Ireland had been attended with good results. Those figures showed that the organization of tyranny and oppression was crumbling to its foundation, and that the Irish people were slowly but steadily returning to the paths of order. The address was then agreed to.

In the House of Commons, the address in answer to the speech from the Throne was moved by Mr. Shaw Stewart, who congratulated the Government on the programme of business it had laid before the country. He hailed with satisfaction the successful completion of the operations in Egypt, and especially approved the proposed Conference in regard to the affairs of Samoa. Referring generally to the foreign policy of the Government, he expressed his complete confidence that our relations with foreign countries would be safe in the hands of Lord Salisbury. Sir J. Oudomb seconded the address. Mr. Gladstone complained that the Queen's speech contained no clear or detailed explanation of recent events at Samoa, spoke of the danger of largely adding to our Army and Navy, and regretted the absence from the speech of the customary mention of economy. He expressed the hope that the Session would end before Christmas Eve. Regarding Ireland, he protested against the address placing the House to an expression of opinion on contentious matters, and warned the Government that the proposition in the address, that recent legislation had a salutary effect in Ireland, would most certainly be disputed. Mr. W. E. Smith denied that the form of the reference to Irish legislation in the address was unusual, and the Government, he said, would be fully prepared to justify their policy in Ireland when the time arrived. He gave an assurance that every economy would be exercised in the proposed expenditure on armaments. Mr. Buchanan urged the Government not to permit Portugal to interfere with our Nyassa, or to close the Zambezi. After some discussion the debate was adjourned. The debate was resumed next night by Mr. Bradlaugh, who took objection to increased armaments at a time when the Royal speech announced the existence of cordial relations with all Powers. On the 25th February Mr. J. Morley moved an amendment to the address, censuring the administration in Ireland as harsh, oppressive, and unjust and praying for the adoption of such measures of reconciliation as would bring about a reunion between the two countries. Mr. Dufour replied that all that had been done by the Government in Ireland was in carrying out the law, and he denied that cruelty or oppression had been committed. At the next sitting of Parliament an animated discussion ensued regarding the flight of Pigott, after which the adjourned debate was resumed by Colonel Sanderson, who asserted that agrarian crime had fallen to a lower point than it had stood at for some years. The real issue before the country, he said, was whether the law of the land or the law of the League was to be supreme, and he was satisfied that Crimes Act, which he insisted, in no way interfered with law-abiding persons, would ultimately defeat the evil machinations of the League. He urged that the Loyalists of Ireland would never submit to a Home Rule Parliament. Mr. Dillon contended that the improvement in the condition of Ireland was due to the hope the people had of relief from their troubles in the near future, and not to the administration of the Crimes Act. He was followed by Messrs. Fenton, Pickersill, Mr. MacNeill, Mr. F. Stevenson, and Mr. Johnston. Sir C. Trevelyan contended the circumstances under which Irish members and Irish priests had been arrested, especially complaining of the arrest of Father M'Fadden. Mr. E. Stanhope submitted that Mr. Morley had failed to substantiate his charge of unconstitutional conduct in connection with the administration of law in Ireland against the Government. He referred to the improved condition of Ireland, contending that it was due to the firm administration of the law, and expressed the determination of the Government to adhere to their policy. The debate was then adjourned, only to be resumed the following afternoon after some further questions had been asked concerning Pigott. On the 28th February Mr. Chamberlain opposed the amendment to the Address, pointing out that the debate had consisted solely of a series of petty attacks on the administration of the law, which he contended, were not proved. He urged the opposition to formulate their views on the Irish question. Messrs. Bradlaugh, Mattinson, Winterbotham, Howarth, Reid, T. W. Russell, and T. Healy also spoke. On the 1st of March a variety of questions were asked concerning the Special Commission, and the adjourned debate on Mr. Morley's amendment was resumed by Mr. Gladstone who declared that the Government could not prevent the ultimate consummation of the aspirations of Ireland, and contended that the action of the Resident Magistrates was enough to destroy, and, in fact, did destroy the national confidence. The Chancellor of the Exchequer defended the conduct of the Police and the action of the Resident Magistrates. Mr. Parnell supported the amendment mainly as a protest against the vindictive policy pursued by the Government and warned the Government that it would have to stand or fall by its present system of coercion. On a division the amendment was negatived by 339 votes to 299.

The speaker having ruled that several proposed amendments were out of order the subjects of the housing of the poor, the liquor traffic and distress in the Scottish Highlands were discussed during the evening. On the 5th March Mr. Pickersail moved an amendment in favour of the right of public meeting in Trafalgar Square, which right was denied by the Attorney-General, and on a division the amendment was rejected by 188 votes against 100. On the 6th, Mr. C. Graham and Mr. Conyngham spoke on the social condition of the poor, regretting the absence of any reference to the question in the Queen's speech. But the closure was carried and the Address was agreed to, on a division by 227 to 99. Lord George Hamilton, the First Lord of the Admiralty then made his statement of the Government's intentions with respect to the increase in the Navy. It was proposed to construct 70 new vessels at a cost of £21,500,000, and to vote the whole sum so as to insure the completion of all the ships and their armaments, and to prevent any alteration in the scheme during the four years over which it was to extend. A desultory discussion followed and the debate was adjourned. On the 11th March Mr. E. Stanhope introduced the Army Estimates, and explained the course would be pursued in case of an emergency. The Militia, he said, could be embodied in 15 days, and the Reserve in 48 hours or 4 days at the outside, and in addition there would be the Yeomanry and the Volunteers. The protection of the Commercial ports and coaling stations at home and abroad would be effected with submarine mines, and it would be possible to provide all the ports with submarine mines within 10 days, and in some cases within 3 days. For garrison work at home 124,000 men of the Reserve Forces were available, and as regarded the defence of the metropolis the River Thames would in future be placed under one Commanding Officer, instead of being divided, as heretofore, into several districts. The mobilisation of 84,000 Regular troops could be effected at very short notice, and a large proportion of the Infantry Volunteers, not engaged in local defence, would be available as well as 67 batteries of Volunteer Artillery with 248 guns. As regarded the defence of London the Military Officers whom he had consulted unanimously agreed upon the scheme to be adopted. Certain strategic positions would be prepared and strengthened at an expense of £90,000. He explained the new scheme for the organization of the Royal Artillery, which had been effected, and stated that 45 batteries would shortly be provided with the new 12 pounder gun. Turning to Ordnance, Sir E. Stanhope said that during the coming financial year the turn-out would amount to 23 big guns for land and sea service during the first quarter, 32 guns during the second quarter, and 24 guns in the third quarter. The armaments of the naval ports and the coaling stations had also been largely increased, and during the year no less than \$4 millions sterling had been spent. After a desultory consultation the votes were agreed to. In spite of all the efforts of ministers to expedite it, the necessary business of Supply had been painfully impeded, and considerable time was wasted on the dreary discussions in Committee on the most trifling details of the estimates. Money had, on the whole, never been obtained so slowly and with so much difficulty even for the least disputable of public objects. The Session came to an end on the 1st August. The House of Commons had got through a very fair amount of business in spite of the ominous threats of a considerable section of the opposition. The resolution moved by Lord George Hamilton in March, on which the Bill authorising an expenditure of £21,500,000 on the Navy was founded, received the Royal Assent before the end of May. The Chancellor of the Exchequer carried out with signal success the completion of his conversion scheme, obtaining power from Parliament to raise the amount required (£13,000,000) for paying off in July the holders of Consols and redeemed Three Per Cent. who had not by that time accepted the Scheme offered by the Government. The Budget was less fortunate. Mr. Goschen's normal surplus would have been the largest since Mr. Gladstone left office in 1874, if it had not been interfered with by the requirements of the Navy Defence Policy, as it had been in the previous year by the financial incidents of the Local Government Scheme. For the current year (1889-90) he estimated the revenue, on the basis of existing taxation, at £86,500,000, and the expenditure, including the increased charges for the Navy and for Local Government, at £95,500,000, showing a deficit of about £1,000,000, which he met by diverting from the reduction of debt one million of the saving effected by the conversion, by the imposition of a new death duty of one per cent. on estates, whether personal or real, of £10,000 and upwards, of which the receipts were estimated at £800,000, and by a slight change in the incidence of the beer duty. Mr. Fieon's amendment proposing the repeal of the tax duty was rejected by a very large majority, and the Budget proposals were ultimately passed without alteration. Baron H. De Weymarn introduced a Bill for giving effect to the Sugar Bounties Convention, which provided for the prohibition of the import of bounty-fed sugar, but Mr. W. H. Smith announced, when the House met after Whit Sunday, that the Government did not intend to proceed further with the measure, so, it was passed next year, the requirements of the Convention would be sufficiently fulfilled. Between Hunter and Whitehead the Government made a start with the measures to which it had promised precedence. The Land Transfer Bill came to an untimely end in the House of Lords shortly after the re-assembling of Parliament in June. The Board of Agriculture Bill was more fortunate; it was sent up to the House of Lords at the end of June and passed without alteration. The Merchant Shipping Pilotage Bill also got through easily enough; but the Debates on the Scotch and Irish Bills, and on the Tithes Bill threatened to take up the greater part of Parliamentary time, and to these was added the question of the Royal grants. The Local Government Bill for Scotland was introduced early in April by the Lord Advocate, and

was carried through, without division or debate, in the latter part of July. The Scotch Universities Bill was read a third time and passed on the 31st July. The Supplementary Provisions Bill was incorporated with the Local Government Bill, but the Parochial Councils Bill and the Private Bill Procedure Bill were dropped. Mr. Balfour's Irish Bills met with a great deal of opposition and made slow progress. The question of the Royal Grants, which had not been anticipated when the legislative work of the Session was planned, was raised early in July when two messages from the Queen were delivered, asking that provision might be made for Prince Albert Victor, the eldest son of the Prince of Wales, and for the Princess Louise of Wales on her marriage with the Earl, subsequently created the Duke, of Fife. The proposed grants were referred to a Committee representing all sections of the House. Mr. Labouchere and his associates took up an irreconcilable attitude, while Mr. Gladstone suggested a compromise, ultimately accepted by the Government, under which the Prince of Wales was to receive an increase of income of £20,000 a year, out of which he was to provide for his children. Mr. Labouchere moved an amendment practically declining to make any provision for the Queen's grandchildren, which was rejected by a majority of 328 against 110, after an interesting debate, signalled by an eloquent and statesmanlike speech by Mr. Gladstone in favour of the grant. After the settlement of this affair it was supposed that the rest of the Session would be uneventful, but a surprise awaited the Government. On the 12th August the Tithes Recovery Bill was brought up again and the nearest approach to a defeat was suffered by the Government at the hands of Mr. Gray, the Conservative member for the Maldon Division of Essex, who moved that the Committee should make the owner, not the occupier, of the land, liable to be sued for tithe. The division showed 135 for the Government, and 141 against, a majority of only four. The Bill was subsequently withdrawn and the question was deferred till the next Session. The Irish Light Railways Bill was passed after great opposition. The Irish Estimates gave rise to many debates of the usual kind, in one of which Mr. E. Harrington almost attempted personal violence against Mr. Jaffeur. The Government withdrew the Western Australia Bill, only to be re-introduced next year. The Technical Instruction Bill was persevered in and successfully passed through, and so also were the Welsh Intermediate Education Bill, the Irish Sunday Closing Bill, Sir Joseph Pease's Coal Dues Abolition Bill, Mr. Mundella's Cruelty to Children Bill, prohibiting the employment of very young children to theatres, Dr. Clark's Scotch Home Rule motion was rejected by a majority of 200 against 79; no division was taken on Mr. Chapman's motion in favour of Bi-metalism; Mr. Dilwyn's motion in favour of Disestablishment in Wales was rejected by 284 against 250. No important debate took place on any topic arising out of Foreign, Colonial or Indian affairs, but there were several references made to the policy of the Government in East Africa, to the suppression of the Slave Trade, to Sir Hercules Robinson's retirement from the Governorship of the Cape, to the conduct of the Portuguese Government towards the Delagoa Bay Railway Company, and to the establishment of self-government in Western Australia. The Unionist alliance has been unshaken throughout the Session, and Mr. Gladstone has ceased to find any hopes in its destruction. The expectation that the ministry would be immediately overthrown by the Pigott incident was disappointed, and the opposition had been weakened in many ways.

The Royal Marriage.

The marriage of the Princess Louise of Wales, eldest daughter of the Prince and Princess of Wales, (born 26th February 1877), with the Earl (now Duke) of Fife, took place in the private Chapel at Buckingham Palace, in the presence of a select and illustrious assembly of the Queen's invited guests, on Saturday the 17th July at noon. The Queen and all the members of the Royal Family then in England were present at the ceremony. His Majesty the King of the Belgians, the Grand Duke of Hesse, the Crown Prince of Denmark, and other Foreign Potentates were also present. The bridesmaids were Princesses Maud of Wales, Princess Victoria of Wales, Princess Louise of Schleswig-Holstein, Princess Victoria of Schleswig-Holstein, Countess Feodora Gleichen, Princess Victoria Mary of Teck, Countess Victoria Gleichen, Countess Helena Gleichen. The Duke's best man was Mr. Horace Farquhar. The ceremony was simple, yet solemn and imposing, and was sanctioned by the State, but not entered into in order to serve any State purposes; and was consummated with the hearty and loyal sympathy of the people of the United Kingdom. The bride and bridegroom left shortly afterwards for Stornoway where they spent their honeymoon. The Duke is a nobleman of long descent and high position among the Peers of the United Kingdom and has been a personal friend of the Prince of Wales for many years past. He is very wealthy and his highly popular among all classes.

The Shah's Visit to England.

In July 1889 the Shah of Persia visited England for the second time, his first visit having been in 1878, and met with a very cordial reception. In his much-applauded speech in reply to the toast of the ministers at the luncheon given in honour of the Shah by the City of London on the 3rd July, Lord Salisbury, the Prime Minister of England, dwelt on the desire that England feels that Persia should be strengthened in every way, and he did not disguise the fact that we have an interest in the prosperity and the strength of Persia. He said:—"It is the happiness of this country that what we desire for Foreign States is that which is of the greatest benefit to themselves, and that not out of any heroic or saintly

character in ourselves, but because the wealth of foreign nations makes the commerce of Great Britain, and, therefore, as well as for higher reasons, we watch with intense interest and sympathy the policy which His Majesty, has inaugurated in Persia. We wish for it the greatest possible development. We wish the highest possible stage of prosperity for himself and his people. We hope that those communications with the outer world, which are the condition of prosperity in this age, will, under his rule, increase and multiply in his country; and we desire above all things that Persia shall not only be prosperous, but be strong—strong in her aspirations, strong in her alliances, in order that she may pursue the peaceful path on which she has entered in security and tranquillity. And we entreat our illustrious guest to believe, and we are sure that when he has seen the seats of our northern industries, he will believe, that in seeking this commerce, as well as political friendship, we are asking for no exclusive privileges for ourselves. We are only asking for the freedom of trade, and for the opportunity of prosperity which we desire as much for all his subjects as for ourselves. During this visit to England where he has been so enthusiastically received, I hope he will be able to gather the key of our policy, and the reason and motives of our action. In pressing these steps of our advancement on his Councillors I hope that he will see that we are urging upon him no friendship with us that shall end in any of the exploits or desires of aggression or of war. All that we desire are those acquisitions which are achieved by industry and by enterprise and which carry a common reward not to one nation, but to all nations of the world.

The Dock Strike.

The strike of the Dock labourers which paralysed the trade of the Port of London for about a month was, thanks to the kindly intermediary assistance given by Cardinal Manning, the Lord Mayor, and Mr. Sydney Huxton, brought to a close about the middle of September, by an agreement which provided that the rise of wages from 6d. to 1d. per hour was to take effect from the 1st November, and while binding the men strictly on strike to work harmoniously with those taken on during their absence, also in turn pledged the Companies to show strict impartiality towards the two sections of labourers. Work was accordingly resumed on Monday, the 16th September, pretty generally, but several awkward inches occurred in carrying out the compact owing mainly to the ill-feeling and violence of many of the old hands towards the non-strikers who had superseded them. The strike will remain a most significant event in the history of the relations between capital and labour, and it proved that successful combination is not beyond the power of the most hopeless class of unskilled workmen. The strikers rapidly gained sympathy on all hands, and material assistance arrived from different quarters, including Australia, to keep the men on strike from starvation. The Dock Directors held out for a long time and refused to recognise the representative capacity of Mr. Burns and Mr. Tillet in any negotiations. Both sides showed great pertinacity and determination, and matters at times assumed very serious proportions. So long as the strike continued it acted as a centre of disturbance throughout the working community. The strike soon spread to the Dock labourers of Liverpool and other districts of workmen were attacked with the "strike" epidemic and rose in revolt against their employers. The gas-stokers, the journeyman tailors of the West-End and in East London struck for higher pay, as also the labourers employed by several large engineering firms. Some school children in Scotland and elsewhere also went on strike subsequently, for fewer home lessons, &c., and the infection also spread to Hamburg and other large commercial ports on the continent of Europe. On the whole, having regard to the large masses of people involved, the duration of the strike, and the fact that it took place in the most crowded city in the world, both men and their leaders exhibited great moderation, and it must be said to Mr. Burns' credit that he exhibited throughout the anxious period of the trouble a remarkable control over the strikers and himself. The effect of the strike upon the shipping trade of London was something tremendous.

Death of the Crown Prince of Austria.

A deep sensation was caused in Vienna on the 26th January when the news of the death of Prince Rudolph, the Crown Prince of Austria-Hungary was circulated throughout the Town. It was at first announced that the Crown Prince had died of apoplexy and that he was found dead in his bed in the morning, but this statement was subsequently contradicted and it transpired that, as a matter of fact, he had committed suicide by shooting himself through the head with a revolver, when in a weak state of mind. The Crown Prince was on a hunting expedition at the time to Myseck where he kept a shooting box. The suicide was attributed to nervous prostration and repeated headaches, and it was said that the idea of death had been haunting the Prince's mind for some time. There was also reason to believe that the immediate cause of the paroxysm of excitement which drove him to self-destruction was the scandal produced by discreditable intrigues. His visit to Myseck was preceded, it was said, by a violent and painful interview with his father and his wife. No parallel is to be found for this tragic calamity in recent times except the lamentable suicide of the King of Bavaria, of whom the Crown Prince was a kinsman through his mother. The Crown Prince was beyond all doubt most popular among all his father's subjects and when his death was announced it caused a feeling of bewilderment almost approaching to dismay. He was not a mere courtier, a mere soldier, or a mere sportsman, but a

master of many useful acquirements and graceful accomplishments; he had the intellectual and social gifts which adorn a Sovereign. He had it in his power to render valuable service in a Comyn State, but his opportunity never came. He was born on 21st August 1858, and married in May 1881, Archduchess Stephanie Clotilde Louise Hermine Marie Charlotte, Duchess of Saxony, daughter of the King of the Belgians. In September 1883 a daughter was born to them. A warm friendship sprang up between the Crown Prince and the Prince of Wales when the latter visited Vienna in the preceding summer. As the Crown Prince left no sons but only a little daughter, and as the Emperor has no other male issue, the right of succession to the throne became vested in the Archduke Charles Louis, the Emperor's brother, aged 55 years, who has three sons. It was, however, promptly announced in Vienna that the Archduke Charles Louis had resolved, like his father in 1848, to renounce his claims to the throne in favour of his eldest son, Archduke Francis Ferdinand, who was thereupon promptly announced by the Emperor. The new heir-presumptive is only 25 years of age.

The Abdication of King Milan.

The crisis in Serbia was reached on the first day of January 1889, just when everything seemed most favorable to a speedy and harmonious settlement of the internal difficulties of Serbia. The new Constitution Bill was introduced at the opening of the Session of the Grand Skupstchina, at which the King was not present. A Committee of 54 members was appointed to examine the Bill, and the House adjourned. On the 1st January the Committee met to discuss the articles of the Bill, one by one, and the Radicals and the Liberals pressed the Government to accept some amendments, and endeavoured to gain some further concessions from the King. The Committee had an audience with the King, who listened with great attention to what General Grutch, speaking for the Radicals, and M. Ristitch, for the Liberals had to say, and then replied to their representations as follows:— "What you ask is impossible. I have repeatedly told you that this Constitution is not my work, but that of a Commission representing all parties in the nation. I cannot interfere with their draft, and will not. I have pushed my concessions to the uttermost, and I tell the Great Skupstchina that the Constitution must be accepted or rejected entire. If it is accepted, I shall hold that the Skupstchina has accomplished a patriotic work, and given evidence of its desire for peace. But in the contrary case, I shall hold that the Skupstchina is animated by a revolutionary spirit, and I shall take the government of the country into my own hands. The world is witness that I have endeavoured to establish a Liberal Constitution; on your heads be the fault if my purpose miscarries! I shall not allow any of you to convert a work designed for the welfare of the whole nation into an instrument of demagogic tyranny."

"Let me warn you again, that unless the Constitution be passed as it stands, I shall dissolve the Skupstchina, and rule as I please. I shall then have neither the new Constitution nor the old, for I shall remain master, and you will have neither a Grutch nor a Ristitch Cabinet, but just what Cabinet suits me, and I shall be my own Prime Minister."

The result of this astounding speech was that the new Serbian Constitution was voted the next afternoon by 495 votes to 75. The King, Milan Obrenovich, who had been divorced from his wife, Queen Natalie, abdicated the throne on the 6th March in the Komak of Belgrade in the presence of his Ministers and of the principal members of the Diplomatic Body, in favour of his son, who is but 12 years of age. Young Alexander, the boy-king, was proclaimed king without opposition the Saturday, and his father's manifesto announced the appointment of a Radical Cabinet under M. Titchmavitch simultaneously with the establishment of a Liberal Regency under M. Ristitch. King Milan found that the party with which he could not work amicably had become irresistible at the polls. According to his own account, the ex-king had many reasons for abdicating. First he did not believe that Constitutional Government could succeed in Serbia, and he did not feel that he had in him the stuff for a Constitutional ruler. He saw that the Radicals were gaining the upperhand in the Constituent, and he endeavoured to work with them, but found it impossible to do so. His alternatives were either to become an obedient instrument in the hands of the Radicals who, he knew, would have deposed him on the first convenient opportunity, or else to embody all the reforms which the Radicals required in a new Constitution, and then to leave that Constitution to be worked by the politicians who had clamoured for it. Radical agitation, the ex-king said, not only weakened the Royal authority, but it rendered the collection of taxes well nigh impossible. He therefore deemed it best to give Serbia in due grant all the liberties which a nation could demand.

The Revolution in Brazil.

Towards the end of the year that has just rolled by, startling news was received from South America of the sudden downfall of the last monarchy existing on the Western Continent. A Revolution took place in Brazil, resulting in the establishment of a Federal Republic, happily without any prospect of foreign intervention, no European Sovereign being injured by this important event. Brazil was discovered by a Portuguese Navigator at the beginning of the 16th century and became a Portuguese Colony about the time of the Spanish Conquest of Peru. In 1808, when Napoleon had despoiled the King of Portugal of his home dominion, His Majesty and the Royal Family of Braganza emigrated to Brazil,

The Colony was subsequently raised to the rank of a Kingdom, and, in 1822, when Spain and Portugal were again threatened with French interference, Brazil claimed her independence under Don Pedro I, the legitimate heir to the monarchy, who renounced his succession to the throne in Europe, while the Spanish Colonies became republics. Don Pedro gave a liberal constitution to the Brazilians in 1824, procured the formal recognition of their independence in 1825 and reigned with the title of Emperor till his death in 1831 when he was succeeded by his son, the Emperor Don Pedro II, who was then but six years of age. Pedro II married in 1841 a daughter of the late King Francis I of Naples, and has a daughter who is married to the French Orleans Prince, the Comte d'Eu, son of the Duke de Nemours, and grandson, therefore, of Louis Philippe. Their son, Prince Pedro, who would be heir to the throne, is under age. The Revolution was easily effected at the Capital, Rio de Janeiro, on Friday the 15th November. It was managed by General Deodoro da Fonseca, Commander of the Garrison, who, on the previous night, distributed bodies of troops in every part of the City; and in the morning when Rio de Janeiro awoke, it was to listen to the Proclamation of the United States of Brazil. The Emperor and the Imperial Family were at the Palace of Petropolis, and thither General Fonseca, accompanied by Professor Constant and a deputation of officers proceeded to inform Don Pedro of his dethronement and of the Proclamation of the Republic. The Emperor who was supported by the Empress, the Crown Princess, her husband, and their three sons, received the deputation with composure. General Fonseca, as spokesman of the deputation, said that Brazil was advanced and civilised enough to dispense with the monarchical form of Government. The country, while it was grateful to the Emperor for many useful and patriotic services, was firmly resolved for the future to recognise none but a Republican system of administration. Don Pedro refused to sign a formal act of abdication, but, yielding to force, consented to leave the country without delay. The Provisional Government offered him the sum of half a million sterling, and a life pension of £90,000 a year, as compensation for the loss of his throne. On Saturday night, the 16th November, the Emperor and his family went on board the Brazilian gun-boat *Parahyba* and were subsequently transferred to the *Alagoas* which steamed out of harbour on Sunday, conveyed by two cruisers, bound for Lisbon. The new flag of the United States of Brazil was hoisted and recognised in every province. The leaders of the Provisional Government are General Deodoro da Fonseca, the President; Senhor Ruy Barboza, the Minister of Finance; and Senhor Bocayuva, a journalist, the Minister of Foreign affairs.

The total area of Brazil is nearly 3½ millions of square miles, and is greater than European Russia, Austria, Hungary, Germany, France, Norway and Sweden, Denmark, Italy, and Greece together. It is nearly 2,700 miles in length from north to south, and almost as much in extreme breadth, with an Atlantic coastline of nearly 3,000 miles. The population in 1879 was ten millions, but it has greatly increased since by immigration. The Provinces of Brazil are 26 in number. Some of the many reasons advanced in explanation of the Revolution is the alleged unpopularity of the Imperial Princess and her husband.

The Paris Exhibition.

The Centenary of the meeting of the States-General at Versailles, from which date Frenchmen are accustomed to reckon the beginnings of modern history, was celebrated on Saturday, the 4th May, with great ceremony. President Carnot delivered an address recalling the great national changes which had ensued since the convention of the States-General, and declaring the completion of national freedom to be due to all the parties to which the Revolution had given rise. The formal opening of the Paris Exhibition, was carried out on Monday the 6th. Monsieur Carnot, in declaring the Exhibition open, made a eulogistic speech in which he referred to the Exhibition as an evidence of a century's labour and progress. Everything was on a grand scale. Some millions of people visited the Exhibition, one of the principal features of which was the great Eiffel tower.

General.

The Egyptian Budget proposals for the ensuing year came upon the critics of English administration in Egypt as a surprise. The refusal of France to assent to the convention of the Egyptian debt had not produced the effect anticipated in some quarters. Mr. Palmer, who succeeded Sir Edgar Vincent as the Financial Adviser of the Khedive has been able to produce, even without a diminution of the heavy charge for the debt, a more than satisfactory balance between revenue and expenditure. The Budget shows a surplus of more than £150,000 sterling, and this after remission of taxation amounting to the aggregate to more than £100,000. An adequate margin for the current official year has thus been secured, and at the same time the position of the tax-paying fellahs has been materially improved. Some 20,000 have been relieved of a grievous load by the abolition of the tradesmen's tax except in the large towns; the reduction of the excise duties and the internal postage have been also greatly for the benefit of the people; and on the whole, the people of Egypt have begun to feel the long promised relief from fiscal burdens, while they have the satisfaction of knowing that there is a large balance in hand to meet any unexpected contingencies.

The Bulgarian question, which for some time past had languished in the back ground owing to larger interest being absorbed forward, again assumed importance in the politics of Eastern Europe towards the end of the year. The Emperor Francis Joseph of Austria, in

a speech to the delegations last summer used friendly and sympathetic language towards Bulgaria, and Prince Ferdinand can hardly expect to hold his ground permanently unless he receives the recognition which he is morally entitled to claim as the chosen ruler of the Principality. Russian influence has gained a complete victory in Serbia. The interview between the German and Austrian Chancellors at Friedrichshagen was supposed to be directed towards compelling Austria to take up an attitude of greater reserve towards Bulgaria, and the motive power in this direction was traced to the hurried visit which the Czar paid to Berlin not long before.

The Portuguese invasion of British rights in East Africa has given rise to much speculation and uneasiness. Towards the end of November Lord Salisbury addressed to the Portuguese Government an energetic protest against a Royal decree published at Lisbon on the 2nd November, in which Portugal put forth claims to an extensive territory in the interior of Africa, and pretended to create a new province, including a great part of Mashonaland, together with an immense region North of the Zambesi. This new province, to be called Zumbo, was proclaimed in defiance of well-defined British rights in Mashonaland, resting upon instruments duly brought under the notice of the Portuguese Government, and also in defiance of the agreement of February 1888 between Great Britain and Lobengula, the ruler of Mashonaland and Makhalaland. Lord Salisbury instructed the British Minister at Lisbon formally to renew the protest of August 1887 in which it was clearly laid down that Her Majesty's Government could recognise the Sovereignty of Portugal at Fete and Zumbo, but in no other place or district in the enormous area now claimed. Several gunboats are now under orders to proceed to the Zumbesi to enforce British rights.

Intelligence was received late in November that Mr. Stanley and Emin Pasha had safely reached German territory at Mponweni, on their way to the East African Coast, thus putting an end to all the anxiety felt in Europe concerning their safety, of which many doubtful rumours and previously been circulated. The British public are now awaiting their return to Europe for an account of the trials of which the relief expedition underwent and of the discoveries which were incidentally made. The story of these splendid additions to geographical knowledge has yet to be fairly told. Mr. Stanley's efforts to carry out the task which was intrusted to him by the Relief Committee were briefly these: In April 1888 he met Emin Pasha at the Albert Nyanza, and arranged with him and with Mr. Jephson, whom he then left with the Pasha, that they were to bring off the Egyptian Garrison from the positions still held by them for the Khedive, and to appear at the rendezvous at Kavalla, on the south-west side of the Albert Nyanza, where Mr. Stanley was to join them, when he had picked up, as he hoped, his rear guard by a direct march across country. Emin Pasha was unfortunately unable to perform his promise owing to a series of misfortunes. His authority was shattered by a revolt of the Egyptian officers and troops under his command, and while he was practically a prisoner in the hands of the mutineers, the forces of the Mahdi fell upon these latter and compelled them to look again to the Pasha for guidance, and induced them to abandon their projects of entrapping and destroying the relief expedition. As soon as the fear of the Mahdi's began to abate, the insubordination of the Egyptian soldiery once more gained the upper hand, so that Emin was unable in any degree to assist Mr. Stanley's plans. Mr. Stanley on his part resolutely carried out his own scheme and passed through a most terrible ordeal. Having relieved Lieutenant Slatin and the garrison at Fort Bodo he made for the Albert Nyanza, but was alarmed upon hearing no news of Emin's arrival at Kavalla. While he was moving on he received letters from Jephson and Emin giving an account of their troubles, and explaining their serious position. However, the Emin and Mr. Stanley subsequently met, and are now on their way to England. Emin met with a nasty accident from which it is to be hoped he will soon recover. The great sheet of water lying to the south-west of the Albert Nyanza, and formerly supposed to be an extension of that lake, has now been recognised under the distinct name of Lake Albert Edward, and as the true source of the South western branch of the Nile. The discoveries made by Mr. Stanley will necessitate a reconstruction of the maps of Africa and of our ideas of African Geography.

The action of the Portuguese Government in connection with the Delagoa Bay Railway was called into question in June last. The Portuguese Government cancelled the Railway Company's concession on the pretext that the railway had not been completed within the time prescribed by the concession. The concession provided that the Company shall construct the railway from Delagoa Bay to the Transvaal frontier. At the date of the concession nobody knew to within five or ten miles where the Transvaal frontier began and to this day the frontier has not been fixed.

The Conference on the affairs of Samoa which had sat at Berlin from the commencement of May last, concluded its deliberations on the 14th June and its final act was signed on that day by the Delegates of all the Powers interested—Germany, Great Britain, and the United States of America. It rested mainly with the United States to dispute and withstand the claims advanced by Germany to exercise effective control and Sovereignty over the Samoan group. The Conference resulted in a withdrawal or a material modification of the more extreme claims urged by Germany, and a settlement of the principal points at issue in the sense desired by the Government of the United States. What Germany demanded two years ago at Washington was a virtual mandate to control the affairs of Samoa for a

period of five years. This demand was strenuously opposed by the American Government and the whole question remained unsettled till the recent Conference assembled at Berlin. The demand of Germany to be intrusted with the virtual sovereignty of Samoa has now been abandoned, and the Samoans will henceforth be left as far as possible to manage their own affairs, subject to certain regulations to which the Powers have jointly agreed, concerning the sale of fire-arms to the Natives, and the importation of intoxicating liquors into the island. King Malleton, who was deposed by Germany in favour of his rival Tumatase about two years ago, was subsequently restored to power, and thus the independence of the Samoan Kingdom has been finally secured.

The Honours List.

The New Year's and Birthday Honours Lists of 1889 exhibited in a more remarkable manner than any of its predecessors the tendency of Viceroy to confine their view of men of light and leading to the Presidency of Bengal. Everything of special value went to Bengal. Madras came in for but a scanty share of honours. They are:—

G. S. I.

The Hon'ble Mr. H. E. Stokes, Member of Council.

G. I. E.

Rai Bahadur S. Subramanya Iyer, B. L. Madras.

Mr. H. W. Bliss, Member of the Board of Revenue.

Major C. B. E. Adamson, Madras Staff Corps.

Devan Bahadur.

Mr. T. Raja Rama Row, Deputy Collector, Madras. (Bamnad Zemindary).

Title of Rai Bahadur.

Mr. N. Shiva Row, Pleader, Mangalore.

Mr. A. V. Narasinga Rao, of Vizagapatam.

Mr. P. Purnaya Pantulu, Deputy Collector of Bellary.

Mr. Salem Ramaswamy Mudaliar, M. A., B. L., Madras.

The Birthday Honours were equally scanty as far as Madras is concerned. They were:

Mr. V. Rajagopala Charyar, B.A., B.L., Registrar of Madras.

Mr. S. Appa Sastri, B.A., Manager of the Native School at Kumbhakonam.

Mr. C. Venkoba Chari, Sub-Judge.

Mr. C. Parashotamayya, District Munsiff.

The Madras Council.

On the 8th January, 1889 Mr. C. G. Master, C.S.I., Senior Member of Council, retired from the service after a service of 35 years. In accepting his resignation, the Governor in Council remarked:—"His Excellency in Council cannot accept Mr. Master's resignation without placing on record his sense of the valuable services rendered by that officer for upwards of 35 years, during which he has filled many of the most important offices in this Presidency. As a District Officer, as Revenue Secretary, as Chief Secretary, and as Member of Council, Mr. Master has ever been distinguished by so much good sense, uprightness, industry, and ability, that his eminent services will be long remembered by the public at large, and by the Government which he has served so long and so faithfully." In consequence of Mr. Master's retirement, Mr. Stokes, C.S.I., became Senior Member of Council, and Mr. J. H. Garstin, C.S.I., was promoted from the Board into the Council. Mr. J. F. Price continued as Chief Secretary.

The Madras Civil Service.

The year that has just closed has been a memorable year with the Madras Civil Service in which there has of late been some heart-burning in consequence of the supersession of some of the older, more able, and experienced officers by comparatively young men, and there have been no less than eight retirements during the year. The gentlemen who resigned the service are—Mr. C. G. Master, C.S.I., Mr. H. S. Thomas, Mr. C. W. W. Martin, Mr. H. J. Stokes, Mr. L. R. Burrows, Mr. W. Wilson, Sir Richard W. Barlow, Bart., and Mr. J. Kelsall. The sudden retirement of Mr. Wilson, First Member of the Board of Revenue, took both the Government and the local official world by surprise. He had just obtained one of the prizes of the service, and his expectations not having come to pass, he suddenly resigned, and thereby unexpectedly opened the way for the promotion of Messrs. Bliss, Whiteheads, Grose, and Crole. Of Mr. Master nothing much need be said. He was not

by any means a man of exceptional abilities, but the varied experience he had had, combined with an earnest desire to conscientiously discharge the duties entrusted to him, gained for him the respect and esteem of all classes. Mr. Thomas will, probably, best be remembered in connection with the Tanjore Benamissions Enquiry. He was the Special Commissioner deputed to enquire and report upon that matter, and his strong report resulted in the dismissal or compulsory retirement of several subordinate revenue officials, and the suspension or degradation of others. He is also said to have resigned in disgust. Mr. Martin was much respected in Salem where he was for several years District and Sessions Judge, the strictly impartial manner in which he dealt out justice to all classes, his genial disposition, and the uniform courtesy with which he treated all with whom he came into contact doing much to heal the wounds caused by the Salem riots of 1884. Mr. Stokes was for a long time District and Sessions Judge of Coimbatore, and Mr. Kelsall was for many years connected with Vizagapatam as Judge. Mr. Burrows made a popular Collector of the Nilgiris. Sir Richard Barlow, who recently attained to the dignity of a baronet by the death of a relative, resigned the service unexpectedly, in consequence of his supersession by Mr. Clogston. Sir Richard was known to have been aiming at a seat on the Board, and it was his ambition to retire as such, but Mr. Clogston, who had resigned the revenue line for the Accounts Department some nine years ago, was promoted over his head into the Board, and this disgusted Sir Richard who promptly resigned. As Collector of Sea Customs, Madras, he was also Superintendent of Stamps, Protector of Emigrants, and Chairman of the Harbour Trust Board. It was an open secret that his relations with some of the members of the Trust were not of a very cordial nature, and he twice tendered his resignation of the Chairmanship owing to the friction caused by such unpleasant relations. Sir Richard was succeeded in office by Mr. G. MacWatters, the Collector of Salem. Before the year is very old, another old Civilian, and one who has done much good service will have also taken his departure. This is Mr. Lee-Warner, the Collector of Chingleput. The present members of the Board of Revenue are Messrs. Bliss, Whiteheads, Grose, and Crole.

The following gentlemen were appointed members of the Madras Civil Service in the Autumn of 1889, viz., Messrs. A. M. Right, J. H. Robertson, A. T. Pitt, J. P. Bedford, Atal Chander Dutt, and W. E. Hall.

Legislative Measures.

The following is a list of the Acts passed by the Government of India during the year:—

1. An Act for the protection of Coins and other purposes (Metal Tokens Act).
2. An Act to declare the Imperial Standard Yard for the United Kingdom to be the legal standard measure of length in British India (Measure of Length Act).
3. An Act to provide a village system and to amend the law relating to Rural Police in Lower Burma (Lower Burma Villages Act).
4. An Act to amend the Law relating to Fraudulent Marks on Merchandise (Merchandise Marks Act).
5. An Act to abolish the Office of Coroner of Madras.
6. An Act to amend the Indian Succession Act 1850, the Probate and Administration Act 1881, the Court Fees Act 1870, and the Indian Stamp Act 1879, and to make provision with respect to certain other matters (Probate and Administration Act).
7. An Act to facilitate the collection of debts on successions and to afford protection to parties paying debts to the representatives of deceased persons (Succession Certificate Act).
8. An Act to amend the Sea Customs Act 1878 and the Indian Tariff Act 1882 (Sea Customs Tariff).
9. An Act to authorise the imposition of a Excise-rate in the N. W. Provinces and Oudh, and to make certain provisions respecting Kunungos and Putwaris in those Provinces (N. W. Provinces and Oudh Kunungos and Putwaris).
10. An Act to consolidate and amend the Law relating to Ports and Port charges (The Indian Port Act).
11. The Lower Burma Courts Act.
12. An Act to amend the Indian Merchandise Marks Act, 1883.
13. The Cantonments Act.
14. An Act to indemnify certain witnesses.
15. The Official Secrets Act.
16. An Act to amend the Central Provinces Land Revenue Act 1881, and the Central Provinces Local Self-Government Act 1883.
17. The Central Provinces Tenancy Amendment Act, and three other small Acts.

The following Madras Acts were passed in 1889:—

1. Act I of 1889—an Act to consolidate and amend the Law relating to the Courts of Village Munsiffs in the Madras Presidency.
2. Act II of 1889—an Act to amend the Madras Jails Act, 1869.

The following Bills were passed at the Madras Legislative Council meeting held on the 5th November, viz:—

1. The Madras Salt Bill.
2. The Town Nuisances Bill—to provide for the control of petty nuisances outside the Presidency Town.

The following Bills are now under consideration by the Madras Council, viz:—

1. A Bill to make provision for the levy of Tobacco Duties in the City of Madras.
2. A Bill to amend the Rent Recovery Act 1885, and the Local Boards Act, 1885.
3. A Bill to make better provision for the management of canals and public ferries in the Madras Presidency.

A summary of the two Madras Acts passed may be of interest. Act I of 1889 was founded upon a Bill drafted in 1882: by it Madras Act IV of 1883 is repealed, its provisions re-enacted, and the following changes introduced into the previously existing law: (1) the pecuniary jurisdiction of the village Courts is raised from Rs. 10 to Rs. 20; (2) the District Munsiff is given powers of revision over the village Courts; and (3) the hereditary character of the office of village Munsiff is no longer asserted. Madras Regulation IV of 1816 is also repealed by the New Act. Act II of 1889 amends the Madras Jails Act of 1869 by conferring on Jail Warders the same powers of arrest with regard to the non-cognizable offences punishable under Sections 14 and 15 of the Madras Jails Act of 1869 as are now possessed by Police Officers under Section 57 of the Criminal Procedure Code of 1882.

The High Court.

There have been some important changes in the High Court during the year. Mr Justice Kerna, who had for many years been one of the central figures in the Court retired at the commencement of the summer vacation, leaving behind him a name for impartiality, independence, and ability which will long be remembered. As a judge he took a place in the front rank, and as a private individual, no more genial and complacent a disposition could be met with. He had several times acted as Chief Justice of the Court, which he knew so well, and it was expected that he would have been given the *paula* appointment on the retirement of Sir Charles Turner, but he was doomed to disappointment. He was succeeded by Mr. Justice Shephard, whose place as Ag. Sixth Judge was filled by Mr. Justice Handley from the Small Cause Court. Mr. P. B. Shaw, the Acting Crown Prosecutor was promoted to the Small Cause Court Bench as Acting First Judge, and Mr. Willis Grant appointed to act as Crown Prosecutor. Mr. Grant was confirmed in this latter appointment on the Hon'ble Mr. Spring Branson being confirmed as Advocate General. There are likely to be some more shiftings in the High Court during the early part of the year. Both Mr. Justice Parker and Mr. Justice Wilkinson are known to be contemplating a short furlough to Europe, and it is said that Mr. Best, from South Canara, and Mr. Weir from Madras will be promoted temporarily to the High Court Bench. Sir Arthur Collins, Q. C., continued as Chief Justice throughout the year.

The Chin Field Force.

This force was still acting against the troublesome chiefs of the Tashon tribe when the year opened. The following is a copy of the ultimatum sent to them by Major Raikes, C. I. E. on the 5th June 1889:—

"Soupek and chiefs of the Tashon tribe—It has been satisfactorily proved that you, after professing friendship towards the British Government, and after accepting presents in token of your sincerity and good faith, have treacherously harboured a rebel pretender, known as Suweye Byu Mithin and have endeavoured to induce loyal subjects of Her Majesty the Queen Empress to join in a rebellion against the British Government. It has also been proved that members of your tribe have taken part in attacking the villages of Shwedung and Kundu, murdering a woman and child, and in unlawfully seizing and taking away in close custody a villager from the said villages. You have already been informed that the British Government will not permit raids to be committed in the Kule Valley which is under British protection. You are now warned that unless within one month from the date of this order you deposit and hand over to the representative of the British Government in India the persons named in the accompanying list, and unless within the same space of time you return the 21 villagers who were seized at Shwedung and Kundu, an expedition will be sent into your country with orders to attack and destroy your villages, and to punish you and the members of your tribe with the utmost severity."

No satisfactory reply having been received to this ultimatum, the expedition started out. General Symons crossed the Yaw river at about the end of November, 1889, and Major Raikes interviewed the seven great chiefs in Duria on the 1st December 1889. The Chin Column is now in movement towards Gungaw, having marched from Pokoko on the 24th November.

Having assembled all the officers of the Column, General Symons explained fully what the aim and object of the expedition is, pointing out how anxious he is that all ranks should thoroughly understand the plan of action contemplated and the task that is before them. This is briefly as follows:—

After having concentrated at Kan to move westwards to Yokwa or Haka, or some place in that unknown country suitable for a base, and connect it with Kan by making a good mule-track and establishing posts with stores at convenient stages along it. From Yokwa, having been joined by the Chittagong Column, to move northwards against Yuana, the chief village of the Tashons, and occupy it with or without permission of the tribe. Then, having subjugated the Tashons and redeemed the captives, to carry on certain explorations

south into the Bongshwa country and south-east towards Gangaw, opening up and surveying all the intermediate country and if possible deciding on the most suitable route for a trunk road connecting Burma with Eastern Bengal, when such may be sanctioned.

The Lushai Expedition.

Towards the close of the year 1889 the Government of India ordered the despatch of an Expedition against the Lushais. The Expeditionary Force, 1,200 strong, was despatched at the opening of the year 1890, and consisted of 250 men of the 9th Bengal Infantry, 250 men of the 2nd Bengal Light Infantry, a Wing of the 2nd Gurkhas, and 200 men of the 4th Madras Pioneers, with two guns of a Bombay Mountain Battery. Colonel Tregear commanded the Troops, and Major Channer, who recently won the Distinguished Service Order in Burma, commanded the Wing of the Gurkhas. The force was concentrated at Demagiri, and in the cool season it commenced its march into the enemy's country, very considerable difficulty being experienced in the matter of making roads, owing to the dense jungles which had to be penetrated. Punitive Expeditions were sent against the villages of Jhoca and Howsata, the inhabitants of which were concerned in the murder of Lieutenant Stewart. The force was subsequently divided into columns. The northern column, under the command of Colonel Skinner, 3rd Bengal Infantry, was made up of 500 men of the 2nd Gurkhas, 250 men of the 3rd Bengal Infantry, 100 men of the 25th Bombay Pioneers and half-Company of Sappers. The Haka column was composed of a half-Company of Sappers, 150 men of the 9th Bengal Infantry, half a battalion of the 2nd Gurkhas, half a battalion of the 4th Gurkhas, 600 men of the 28th Bombay Pioneers, and 100 men of the Frontier Police Force. General Tregear left Camp Demagiri for Lungleh about the middle of December.

Affairs in India.

For India generally the past year has been a memorable one. What with the negotiations on the Sikkim-Tibet frontier, the several small punitive expeditions undertaken, the ugly rumours from Kashmir, the bad season in Ganges and Orissa, and other numerous matters, things looked very gloomy at the commencement, but as the year progressed all went well and the prospect brightened up. The Financial Statement made by the Finance Minister for 1889-90 was not altogether very satisfactory, but it is anticipated that the statement for the coming year will show a decided improvement.

The protracted labours of the Crawford Commission were brought to a close in the early part of the year, with the result that Mr. Crawford, a distinguished Bombay Civilian, was dismissed from the Service. A Special Commission was appointed about the middle of 1889, under Act XXXVII of 1880, to enquire into certain charges of the corrupt receipt of money and of improperly borrowing money made against Mr. Arthur Travers Crawford, C.I.E., of the Bombay Civil Service, and Commissioner of the Central Division of that Presidency, who was suspended on the 18th June 1888. The Commissioners having held no less than 67 sittings found Mr. Crawford not guilty on the charges of corruption, but found that between the 12th February 1887 and the 18th June 1888 Mr. Crawford had borrowed from certain natives of India within the division of which he was in administrative charge, various sums of money amounting to about Rs. 66,000. The Secretary of State thereupon declared Mr. Crawford disqualified for the public service and ordered the removal of his name from the list of Bombay Civil Servants. Several Mamlatdars gave evidence at the trial to the effect that they had given Mr. Crawford money to secure Bombay Government, Lord Reay found it difficult in deciding whether he was to act with regard to the self-condemned Mamlatdars. This question was first debated in the Indian Journals, and the outcome of it all was that the Supper Government passed the Mamlatdars' Indemnity Bill which was so framed as to give as far as possible the promise of indemnity given by the Government. Considerable agitation was caused at the time.

About the middle of March 1890 an ugly story was wafted from Kashmir. Partab Singh, Maharajah of Kashmir, and a Colonel in Her Majesty's army, was alleged to have been implicated in treasonable correspondence which was conveyed by Col. Nesbit, the British Resident at his Court, to Calcutta for the information of the Government of India. The Maharajah, a young man, was the son of Maharajah Ranbir Singh, C.I.E., who was appointed a General in Her Majesty's army at the Imperial Assemblage at Delhi on January 1st, 1877, and who died in 1889. A Council of Regency was appointed to conduct the administration with the proviso that the Council was to consult the British Resident on all important affairs of State. The reasons alleged for taking this step were these:—(1) the general mal-administration of Kashmir for a long time past, (2) the notorious incapacity of the Maharajah to direct the affairs of the State, and (3) the expressed desire of the Maharajah to divest himself of all personal power for a time.

A few important events have happened in the history of Madras during the past year. Early in the year the Hon'ble Mr. P. P. Hestings, of Madras, introduced a Bill in the Supreme Legislative Council for the abolition of the office of Coroner of Madras. In his speech introducing the Bill, Mr. Hestings said that his proposal was "not the outcome of zeal for financial economy," and proceeded to say that it was the result of a desire "to get rid of an inconvenient dual jurisdiction which now exists in Madras."

The Bill was passed in February, and the office of Coroner of Madras ceased to exist from the opening of the official year. The duties hitherto performed by the Coroner are now performed by the Police with fairly satisfactory results. The announcement of Mr. Hutchins' proposal caused some surprise in Madras, and it was thought that a public meeting would have been convened to protest against the abolition of so useful an office, but the Bill was ultimately permitted to pass into law on the 1st March without any opposition of any kind.

The Coronership of Bombay is also threatened, but the Bombay public have held several public meetings to protest against such a step being taken there, and the matter is now held in abeyance.

The Races and the South of India Lawn Tennis Tournament, both held in January, proved greater successes than any of their predecessors; the Races were in all respects more important than Madras has witnessed for many years past. Two English players, Messrs. Grove and Farrer, and several Ceylon players took part in the Tournament. Mr. Grove won the Championship and showed excellent form.

The East Coast Railway Scheme was taken up in real earnest in January last, and was warmly supported by the Government of Madras. Sir Guilford Molesworth, on behalf of the Government of India, and Colonel G. J. Smith, on behalf of the Government of Madras, surveyed the proposed line and submitted a full and detailed report of a very encouraging character, pointing out that railway communication could be secured between Bezwada and Cuddalore at a moderate cost, including the bridging of the Kistna and the Mahanadi rivers. In speaking of railway development in Southern India, we might also mention the Villupuram-Dharmavaram Railway, the construction of which was commenced on the 1st January last by the South Indian Railway Company. Another important change wrought during the year was the abolition of the British Consulates at Pondicherry and Karikal.

The Governor went on tour to Ganjam in May and wrote a Minute thereon, which will be found elsewhere. He subsequently paid Calcutta a visit, and after the departure of Prince Albert Victor, he went on an extended tour through Godavari, Kistna, &c., and visited Hyderabad and the Singareni Coal Fields. Lady Connamara left Madras in the P. and O. Steamer *Kheire* on Sunday, the 10th March.

We must not omit to mention the extensive fire which broke out in Cochin on the 4th January, resulting in the loss of property of the value of something over fifteen lakhs.

It is, we understand, in contemplation to further reduce the Madras Army, which has already twice been interfered with. A few Madras troops took part in the expedition against Sawlapaw, the Chief in Eastern Karenni, and two companies of the 4th Madras Pioneers formed part of the Lushai Expeditionary Force.

Education made good progress in Madras during the year. Sir Arthur Collins, Q.C., was, in June, appointed Vice-Chancellor of the University in succession to Mr. Justice Kernan, Q.C., retired.

The Society for the Prevention of Cruelty to Animals was reconstituted through the exertions of the Bishop of Madras, at whose instance a public meeting with H. E. Lord Connamara in the chair, was held at the Banqueting Hall on the 18th March.

In regard to Burma, good progress was made in all directions. The Troughoo-Mandalay Railway was opened by the Chief Commissioner on the 27th March. The line is 220 miles long, and cost 240 lakhs of rupees.

National Congress.

The fourth Indian National Congress opened its sittings at Allahabad, in Lowther Castle, on Wednesday, the 24th December 1888. Mr. George Yule, a Merchant of Calcutta, and a former Chairman of the Bengal Chamber of Commerce, was unanimously elected President. About 1,200 delegates were present. The following observations taken from the eloquent but moderate inaugural speech made by the President gives an idea of what the Congress aims at:—

"We don't seek to begin, as has been asserted, at the point England has reached after many generations of constitutional Government. We don't want the strong meat of full age, but we want to be weaned. We say there are numbers of us who have had the feeding-bottle long enough. We desire no sudden snapping of existing ties; we ask only for the loosening of the bonds. We are content to regard ourselves as in the position of the man who has long been confined in a darkened room on account of disordered eyesight. We know that under the skilful treatment of a kindly physician our visual powers have been strengthened. We have sense enough not to demand the full blaze of day to be as suddenly let in upon us, but only such a drawing aside of the curtains as will adjust the light to our powers of vision. But if the physician, skilful and kindly as we recognize him to be, were to insist upon our remaining in the dark, we would be forced to the unwelcome conclusion that his skill was resolute and abortive, and that the unlovable side of his character had manifested itself in that he wished to keep us in the dark for some unworthy purpose of his own. If under such treatment we became more discontented with his services the blame of it would be with the physician and not with the patient. I will state more definitely the

change we desire. We want the Legislative Councils to be expanded to an extent that will admit of the representation of the various interests in the country as far as what may be practicable. We want half the Councils to be elected, the other half to be in the appointment of Government, and we are willing that the right of veto should be with the Executive. We also want the right of interpellation. These are the substances of our wants."

The first resolution, referring to the expansion of the Legislative Councils, was proposed by the Hon'ble Kasmath Telang, C.I.E., of Bombay, seconded by Mr. Govindarath Bannerjee of the Ripon College, and carried unanimously. Mr. Hardley Norton, of Madras, moved the second resolution, affirming the report of the Congress Committee of 1886 regarding the Civil Service, of which the two main demands were simultaneous examinations in India and England, and the raising of the age to 21. This was seconded by Mr. Pherose Shah Mohi of Bengal. An amendment was proposed by Mr. J. Adam, of Madras, and seconded by Mr. C. Sankara Nair, also of Madras, to affirm the resolution of the Congress of 1885, declaring the necessity of the selection of candidates by examination in India, which candidates should be required to proceed to England for training. Mr. Salem Ramaswamy Mudaliar suggested a compromise and moved an adjournment of the discussion of the subject for one year. This was subsequently agreed to, Mr. Norton and Mr. Adam withdrawing their propositions.

Mr. J. E. Howard, Barrister, moved the next resolution regarding the separation of Judicial and Executive functions, which was seconded by a Native gentleman from Sind, and carried. Resolutions in favour of establishing Military Colleges; of authorizing Indian Volunteering; of the amendment of the Arms Act; of requesting inquiry into Police Administration; of deprecating the increased consumption of Intoxicating liquors, and calling for an improved Library System; and of requesting Government to raise the taxable minimum of the Income Tax to Rs. 2,000 were all carried.

Mr. J. Adam moved a resolution urging that it is the duty of Government to encourage General and Technical Education, and deprecating the Government's recent resolution as tending to reduce Imperial expenditure and withdraw control. This was seconded by Mr. Telang and carried.

It was next resolved to request a Parliamentary Committee of enquiry on any point still requiring investigation.

Mr. A. O. Hume was re-appointed General Secretary.

It being announced that Mr. John Bright, M.P., was lying seriously ill, it was resolved to send the following telegram to Mr. Bright's son:—"To John Albert Bright, from the President of the National Congress, Allahabad. Congress consisting of 1,400 delegates from all parts of India join in expressing their appreciation of your father's services to India, their sorrow at his illness, their sympathy with him and his family in his sufferings, and their earnest hope and prayer for his complete recovery."

The fifth National Congress assembled at Bombay on the 26th December 1889, under the Presidency of Sir William Wedderburn, who came all the way from England to take part in the business of the meeting. The gathering was also remarkable from the fact that Mr. Bradlaugh and other Members of Parliament were present.

Amongst the people of India, while his family had been connected with the country since the beginning of the present century. He then enlarged on the part that the Congress was destined to play in promoting the best interests of India and England. Their own great ultimate interest was Parliamentary control for India. The Crown and Parliament of Great Britain had laid down certain broad and liberal principles for the administration of India, with which principles the people of India were satisfied. The difficulty was in practice, as the administration of India had to be entrusted to official agents in India. Unfortunately, professional interests of official administrators in India were in certain important particulars antagonistic to the interests of the tax-payers. His complaint, however, was against the system, not against the men who carried it out. It was his deliberate belief that the Indian civil and military services had never been surpassed for honest hard work and unselfish devotion to duty, but he asked how civil officers could love economy when it meant reduction of their salaries, or how could they love reform, when it would deprive them of some of their authority? It was all the more necessary therefore that there should be a vigilant and effectual control from England. They had lost for thirty years the Parliamentary enquiry into Indian grievances, which formerly took place on the renewal of the Company's Charter, and now the official administrators, who used to be viewed with jealousy and suspicion by the House of Commons, were now seated in the Council of State, and as the Secretary of State's Council, form a secret Court of Appeal for hearing all Indian complaints. They first decided all matters in India, and then referred to the Indian Council to sit in appeal on their own decisions. Such a method of control was a mockery, a snare, and a delusion. Having advised members of the Congress to be patient, persistent, and moderate in their demands, he asked the delegates to give most earnest attention to the Bill for the reform of the Legislative Councils of India, and congratulated the Congress on having secured the presence of Mr. Bradlaugh, whose name was a synonym for independence, strength, and success.

Indian Sheriffs

Visitors to India.

The Prince of Arcot

The Victoria Technical Institute

The Settlement of the Wynaad.

The P. & O. Agency.

Amongst other important changes which have come over Madras we must not omit to mention the closing of the local Agency of the P. & O. This steamer Company commenced business in Madras in 1842 and its Agency had been entrusted in succession to Mr. Robert Franck, Mr. J. C. Losh, Mr. J. Weir, Mr. A. MacIver, Mr. H. Bostock, Mr. W. Davison, Mr. D. Low, Mr. F. D. Parker, Mr. J. DeSalis, and Mr. G. King (who now goes to take charge of the Agency at Aden).

Tantia Bhil.

The notorious dacoit Tantia Bhil, who successfully defied the Police for many a year, and who became the terror of the whole country within the range of his operations, was towards the end of the year captured and duly disposed of. He was arrested on the 11th August last in Holkar's territory by Ressalder-Major Irsi Renshad of the Central India Horse, extended, and sent to Jubulpore where he was tried for his participation in a dacoity committed at Bhinphal in the Nimar District on the 26th April 1879 in the course of which one Himmat Patal was shot. He was convicted by the Sessions Judge of Jubulpore and sentenced to be hanged, irrespective of the many offences which he may have perpetrated before this murder was committed. The capital sentence was carried out in due course on the 4th December, at Allahabad, his appeal having been of no avail. Tantia had a remarkable career. He escaped from the Khudwa Jail on the 24th December 1878 and in April 1879 he took part in the dacoity with murder of which he has now been convicted. The evidence against Tantia principally consisted of accomplices' statements. About twenty leading men among the Bhils from various villages, were taken, under the charge of an Inspector of Police, to witness Tantia Bhil's execution. There was a popular belief that Tantia had a charmed life, and there was considerable doubt as to the identity of the prisoner. The Chief Commissioner was therefore desirous to convince the people amongst whom the exploits of Tantia were carried on, not only that the great dacoit had at last been caught, but also that he had paid the penalty of his crimes.

The New Governor of Pondicherry.

H. E. Monsieur Nouet, the new Governor of Pondicherry arrived in India on the 25th July, 1889. An address welcoming the new Governor to the shores of French India, in the name of the people of Pondicherry, was read by the Mayor of the town. The reply made by Monsieur Nouet was brief, and to the point. He commenced his rule under particularly favourable conditions. The colony is at rest and contented; the political dissensions of by-gone years have to a great extent disappeared; while party rivalries and petty jealousies have died a natural death for want of support. M. Nouet has had about twenty-six years of active administrative experience, the greater part of which has been gained in Indo-China. He is 55 years of age.

The Famine in Ganjam.

The season in Ganjam was very unfavourable, the crops having failed for want of rain, and the circumstances of 1886 were repeated. The following minute by His Excellency Lord Connemara, who personally visited the afflicted district, will be interesting, and is worthy of record. On the 13th June His Excellency received the following telegram from Her Majesty the Queen: "The Queen Empress of India appreciates your endeavours to alleviate the distress in Ganjam, and desires that no efforts may be spared. Her Majesty deeply sympathises with the sufferings of her people in that district."

LORD CONNEMARA'S MINUTE ON THE GANJAM FAMINE.

The following Minute has been written by H. E. Lord Connemara:—

It is, I believe, in accordance with precedent and in any case circumstances would, in the present instance, render it expedient, that I should place on record for the information of my Hon'ble Colleagues the impressions I have received during the recent tour in the Ganjam district. The reasons that prompted my tour were three-fold:—First, I wished to judge for myself whether the view of the situation in Ganjam taken by the Collector of the district, Mr. Horsfall, who insisted on the extent to which distress prevailed and especially on the necessity for distributing seed-grain to the ryots, was correct. The last period of serious scarcity in Ganjam occurred in 1863 and I was anxious that the mistakes of that year, as placed on record by my predecessor, Lord Napier, should not be repeated. In 1868 over 10,000 people are supposed to have died of starvation, and Lord Napier who visited the district at the end of July in that year, felt compelled to remark that:—

"I wish I could assert that the remedies ordered by Government were altogether timely and sufficient in the present instance. If they had been so, 1,000 persons would not have perished by hunger. I am bound to acknowledge that some portion of this death and suffering might have been hindered, if action had been taken on the earliest intimation of approaching scarcity. . . . If help was not afforded at an earlier period by the Madras Government, it was certainly not due to a want of benevolence, but from a want of conviction that the necessity was inevitable and in some degree from a want of accurate detailed information. When the necessity did become indisputably apparent, the Government was

not idle, and it was supported by the charity of Madras. . . . We may profit by experience and do better next time.

The circumstances of the two seasons of 1865-66 and of 1888-89 were almost entirely similar. In both a failure of the south-west monsoon, on which the cultivation of the district mainly depends, had been followed by the failure of the north-east monsoon, and I felt that if my visit was to be productive of good it could not be postponed.

My second reason for going was the severe outbreak of cholera that had occurred and which was carrying off people at the rate of over 1,400 a week. In Lord Napier's account of his visit in 1866 he remarks:—"I was not much struck by any spontaneous zeal on the part of the medical officers in the district, but I think that their activity was eventually aroused by the interest taken by others in the work." Though we had sent up a number of apothecaries to cope with the epidemic it seemed advisable that I should see for myself that they were dealing with the outbreak in the most efficient manner, and personally urge them to fresh exertions.

Thirdly, I considered my presence in the district advisable to encourage thereby the local officers. Ganjam is the most northern district in the Madras Presidency, without railway facilities and only to be approached by sea, the communication by means of which is always difficult and often impossible. Letters from Madras take eight days to reach the head quarters, and in a district thus cut off from the outer world, officers are apt to consider themselves neglected and overlooked by Government. I was anxious to prove that this was not the case, and that their efforts to cope with the distress had my full sympathy and support.

OTHER POINTS REFERRED TO IN ADDRESSES.

There were some other matters referred to in addresses presented to me whilst in the district to which I may here make some allusion.

EAST COAST RAILWAY.—The necessity that exists for connecting Ganjam with the lines that now have their terminus in Berawada on the south and with the projected line through Orissa on the north was strongly pressed upon me. As my Hon'ble Colleagues are aware, a communication has recently been made to the Government of India on this point, and we have offered to defray from Provincial Funds the cost of the preliminary survey. I need therefore say nothing further at present as regards this railway, beyond that I am more than ever impressed by my visit to Ganjam with the need for it from the point of view of famine protection, and also from that of the development of what in ordinary seasons must be one of the most fertile of the Madras districts. Ganjam in its development is fifty years behind the southern districts of the Presidency, but the construction of a railway would rapidly bring it abreast of these in all respects.

GOPALPUR PIER.—The uselessness of the Gopalpur pier as at present constructed was represented to me at Berhampore. I saw the work and am of opinion that, as it stands, it is practically of no value to the mercantile community. I am not, however, disposed to recommend its extinction, and it will be for the merchants to say, when the Collector, as recently ordered, has communicated to them the decision of Government regarding the pier, whether it should be dismantled and the materials disposed of, or whether they are willing to pay for the cost of its upkeep.

BERHAMPORE WATER SUPPLY.—The Municipal Commissioners of Berhampore in their address asked that the services of an officer of the Public Works Department might be made available for the investigation of projects for the improvement of the water supply of their town. The existing water-supply is, I was able to satisfy myself, of the worst possible description, many of the street drains flowing directly into the drinking water reservoirs which are now the only source the supply to the townspeople. I should be glad if this matter were to receive attention to be taken up as soon as possible.

GENERAL CONCLUSION.

My opinion as to the general circumstances of the district at the date of writing this Minute may be thus summarised. As to the Maliks I feel little or no anxiety; recent rains have made that portion tolerably secure. In the Chincacole taluk, which forms the southern portion of the district, things are not very bad, as owing to the river irrigation there, total loss of crop is seldom experienced. In the Berhampore and Goomsur taluks the stocks of food grain are apparently low and prices are rising. The drinking water is also bad in quality and small in quantity. Gratuitous relief must be largely extended throughout these taluks and continued until the crops now shortly to be sown is harvested in October or November, as I fear there is no prospect until then of any material fall in prices. More works must be opened for the employment of those who need relief and are capable of labor. It is estimated that the number requiring to be employed during the next four months on Professional Agency Works will be 12,000, and on Civil Agency Works 8,000, while owing to the large number of emaciated children who are not fit for work, not less than 30,000 men, women, and children will, it is supposed, have either to receive money doles or be fed at relief-kitchens. In this calculation the relief of the destitute in such zemindari estates as are under the management of the Court of Wards has been included.

These comprise Kalikot, Parlakimedi, Chinnakimedi, Dharakot, and Bodagoda, but in the two former, little requires to be done. The relief expenditures on these estates, or a portion of them, will, however, be met by the Court of Wards. The above estimate presupposes a favourable south-west monsoon. If the monsoon even partially fails, the state of affairs will be very serious, and will be aggravated by the small stock of food-grain in the district, and by the difficulties attending importation. But I trust that under Providence, this is a state of affairs we may not be compelled to face. The one satisfactory thing that I have to note is, that the condition of the cattle appears good throughout, and there is no lack of pasturage. A remarkable feature about the present situation is that although prices in the district are on the verge of what the Famine Code calls scarcity rates, they cannot actually be said to have gone beyond them yet, except in one thing. The line drawn in the Code is, however, an arbitrary one, and does not in all cases afford an absolute criterion of the distress that may prevail. That can only be judged by an actual inspection of and inquiries among the people, such as I have been able to carry out. I am therefore of opinion that the provision of the Famine Code as regards relief operations should at once be enforced throughout the distressed area. Another point is as regards the description of grain in which the calculations for payments according to paragraph 189 of the Famine Code are to be made. Rice is the staple cultivation of the district and the staple food of the people. I am informed that five-sixths of the people, including many of the very poorest, eat nothing but rice, and it would appear therefore that rice and not ragi, as is actually the case, should be the grain in which the calculation for the rate of wages should be made. The preference displayed in Ganjam for the cultivation of rice over that of the usual dry crops is very remarkable. Rice is grown on a large quantity of land which has no irrigation and is only rain-fed, and which one would suppose is far more suitable for dry cultivation. The explanation given to me for this was that though rice-cultivation is more precarious, the crop if brought to maturity is double in quantity and treble in value of the corresponding outturn on dry land. In conclusion, it affords me much pleasure to bear testimony to the good feeling displayed towards Mr. Horsfall, the Collector, by all classes in the district. He has not spared himself during a very trying and arduous hot weather. Mr. Wedderburn, the Principal Assistant Collector, who has charge of Chicacole taluk has, in the short time he has been in the district, made himself thoroughly acquainted with the wants of his sub-division. Mr. Foster, the Senior Assistant Collector, who has also only recently joined the district, is doing well. The work done by Mr. Horne, Special Assistant Collector, has been chiefly carried on in the Malihis, and I have every reason to be satisfied with the reports he gave me. Mr. Carr, the Special Assistant Collector in charge of Chinnakimedi, Dharakot, and Bodagoda estates, has been working exceedingly well and his organisation of gratuitous reliefs of relief works, and of a kitchen for children merits my warm approval. Among subordinate officers I would specially mention Mr. Leyer, General Charge Deputy Collector, and Mr. N. Gopal Rao, the Manager under Mr. Carr of the Chinnakimedi Estate. Mr. deMorgan and Mr. Ford of the Public Works Department are managing efficiently the Professional Agency Works under their charge. I would also notice the charitable spirit displayed by the Zemindar of Chikati, who has opened relief kitchens on his estate for the distressed poor; by Mr. P. Gopal Rao of Berhampore, who has provided useful employment for a number of poor people at his own cost in clearing drinking water tanks; and by Somanto Pattnaik, Kurnam of Patalpur, who has done good work in the same way. There are other native gentlemen who have also spent their private means either in feeding or in providing work for the famine-stricken, and to whom all of them my best thanks are due. I was accompanied on my tour by the Hon'ble Mr. Price, Chief Secretary to Government, by Mr. Claude Vincent, my Acting Private Secretary; and by Dr. McNally Deputy Sanitary Commissioner. Mr. Price and Mr. Vincent both rendered me the greatest assistance. Both have had experience in famine work and both were thus able to give me much valuable advice in conducting examinations into the condition of the people of the most portions of the district. Dr. McNally also was most industrious in investigating what proportion of the population were famine-stricken. I have asked him to prepare a report on the subject, and I have no doubt it will be valuable and interesting. The day before I left the district I received a message from Her Most Gracious Majesty expressing her sympathy with the distressed. This I caused to be translated into the two vernaculars of the district, Telugu and Oriya, and widely circulated. Her Majesty's gracious message will be fully appreciated by the people.

I may say at once that I consider it is a very fortunate circumstance that I went to Ganjam, as I was able to satisfy myself by personal observation that a large amount of distress amounting to starvation existed, and that the most urgent orders and the most prompt action were required if many lives were not to be lost by the most lingering and dreadful of all deaths. I was further able to convince myself that there was a very serious lack in the district of the seed-grain required for the next sowing, the poorer ryots having been obliged to consume all their surplus stock, and local merchants not caring to import. I also came to the conclusion that the staff of the district required better distribution and organization, and that many of the native officials, being of an inferior class, were not only indifferent to the wretched condition of the poorest of the population, but were also incompetent to deal with the crisis.

It is not necessary that I should recapitulate otherwise than very briefly the circumstances that led to the present situation, as they are well-known to my Hon'ble Colleagues. The

south-west monsoon of 1889 only brought about half the average quantity of rain, and as a result prices in the district rose considerably. The north-east monsoon was an almost complete failure and all authorities agree that the failure of the rains of 1888 was greater and more disastrous than that of 1866. In October serious grain riots occurred. Only the 18th October the Collector reported famine as imminent, and on October 25th we deputed the Hon'ble Mr. Garstin, then a Member of the Board of Revenue, to visit the district and report on the exact condition of affairs. Mr. Garstin's report is dated November 27th, and in his summary of conclusions he says: "I do not consider that there is any famine, that is, any general failure of food supply anywhere in that part of the district which I have visited, nor do I consider any such failure as likely to occur, at any rate, for some months." But he added "that the high prices of food grains and the prospects of a bad rice-harvest have caused much distress, there can be no doubt," and that "the distress now existing is likely to increase if prices rise which is the course of next six months, is I fear too probable." My visit has not led me to dissent from the conclusions which my Hon'ble Colleague arrived at nearly seven months ago, and the increase in distress which he anticipated has become a reality. In the month of April there were about 18,000 people employed on works under the Public Works Department, about 2,000 employed on Civil Agency works, and nearly 1,000 were admitted to gratuitous relief. Although the numbers employed on works under the Public Works Department have since diminished, their diminution is I think, partly due to the outbreak of cholera, which frightened people away from the works, and not to any mitigation of the distress.

I will now consider seriously the matters that came under my notice whilst in the district.

GRATUITOUS RELIEF.

The first question is that of gratuitous relief. The Deputy Sanitary Commissioner, who was attached to me during my tour, made a systematic examination of the inhabitants of the place at which we halted and of those of the surrounding villages, with the result that he estimated that 5 per cent. of the population, consisting principally of the very poorest, were in a state of actual starvation. Many of these were lamentably emaciated, while a very much larger number than this are in a very low and miserable state. The worst cases were, as usual, those of the women and children, many of the latter being in the most pitiable condition, the bread-winners of the families having either died of cholera or having deserted them.

Gratuitous relief may take two forms, that of money doles and that of the distribution of cooked food in relief-houses or kitchens. The former system had also been worked up to date in Ganjam, and it was very evident from what I saw either that the system of inspection had been lax, or that the money spent had not found its way into the pockets of the poor people. Several instances were brought to my knowledge in which the heads of villages, to whom the distribution of the doles is entrusted, were alleged to have misappropriated them. It is evident now, if lives that can be saved are to be saved, that the immediate opening of relief-kitchens in all large centres of distress is urgently required, as nothing short of actual feeding will save many of the poor people. Some of them, owing to caste prejudices, will not partake of cooked food, and for these money doles must be given.

The system of village relief also requires careful organisation. Every village must be regularly gone through and money doles given to those who are incapable of self-support, for whom no work can be found, and who are not relieved at the kitchens. From what I have myself seen it is, I fear, hopeless to expect native subordinates to carry out these operations properly, and European officers must be put in charge of the duty. Two Government talukhs, Berhampore and Goomear, containing two-thirds of the population of the district, besides five estates under the Court of Wards, have to be dealt with. Measures have been taken to strengthen the existing Civil staff of the district, which I hope will soon enable the prompt and proper performance of the work required. I would impress that "he would be held personally responsible that no death occurred from starvation which could have been avoided by any exertion or arrangement on his part or on the part of his subordinates."

CIVIL AGENCY WORKS.

Relief works are of two kinds. Professional Agency works under the Public Works Department, on which are employed able-bodied people capable of turning out at least 75 per cent. of a full day's task, and Civil Agency works under the Civil officers for the employment of enfeebled labour. It is not proposed that gratuitous relief should be distributed indiscriminately. When applicants for relief come forward, if they are capable of the clearing of the beds of village drinking water tanks, such as I saw in progress, is an excellent means of utilising this form of labour, and the Collector has a number of roads on which should be so employed, able-bodied coolies being sent to the nearest Professional Agency works. In one case that I saw, able-bodied labourers had been taken away from a feebled coolie who was sitting idly by. The Collector must arrange for the supply of a sufficient number of tools for the labourers.

PROFESSIONAL AGENCY WORKS.

Of these, two are in progress—(a) the Ganjam-Gopalpur canal, and (b) the Rushikulya project. On some professional aspects of the former, I have recorded a separate Minute which will doubtless receive due attention at the hands of the Public Works advisers of the Government. The putting of the coolies on this work is a matter that should receive early attention, as they cannot be expected to stay on the work, or if they stay will be liable to sickness when the monsoon begins, unless properly sheltered. Some complaint was made as to the wages earned by the labourers being insufficient, and where the major portion of the work is, as here, piece-work, the duty of the officer in charge is to check the rate that can be earned by each member of a gang doing a full day's work, and if the daily wage earned is below that due for the particular class of labour calculated according to paragraph 185 of the Famine Code, the rates for work should be increased in proportion. The calculation of the rate to be paid for daily labour should be made weekly and based on the market value of the staple food-grain to be obtained from the Civil officers. This, I found, was not being done, and the necessary orders were issued to the officers in charge. It appeared to me that much of the excavation in progress on both works was not suited for performance by untrained labour, and care should be taken that the easier portions are reserved for the able-bodied untrained coolies who may be sent to the works by the Civil officers.

RELIEF OF THE WEAVERS.

Representations were made to me of the privations from which the weavers, of whom there are 2,000 in Berhampore alone and large numbers in other parts of the district, were suffering. I caused inquiries to be made of the Ordnance Department whether an order for the supply of tent-cloth could be given to them, a measure of relief that was adopted during the famine of 1866. The reply was that this was impossible as the contracts for the yearly supply of cloth required by the department had been concluded. The Collector should therefore deal with distress among this class of persons in the manner prescribed in paragraphs 56–59 of the Famine Code.

PURCHASE OF SEED-GRAIN.

One of the most important questions with which I had to deal was the supply of seed-grain to the ryots. The local authorities and many others whom I consulted were unanimous in their opinion that there was a great deficiency of seed-grain in the distressed area of the district, though their calculations of the deficiency varied from one-quarter of the total amount required, which was the estimate of the Collector, to that of more than one half, which was the estimate of a native merchant well qualified to express an opinion. The total area of cultivation under rice in the two taluks of Berhampore and Goomsur, which are those principally affected, is about 160,000 acres, so that, taking the Collector's estimate of the deficiency, 40,000 acres were in need of a supply. The lack of seed-grain as a well recognised result of a season of scarcity, as the poorer ryots are forced to consume all their reserve. The case is ordinarily met by advances of money under the Agricultural Loans Act, which are recovered at the next annual collection of land revenue. This, however, presupposes a stock of seed-grain available in the markets, or which will be imported to supply the demand.

In Ganjam, however, the case was different. Inquiries made at Berhampore, the principal trade centre, showed that though there was a limited stock of seed-grain available, the price asked for it was as high as Rs. 7-8 per bag of 164 lbs. and local purchase by Government for distribution to the ryots would thus not only deplete the market, but would raise the market price of seed-grain and so paralyse the purchasing powers of such ryots who were not wholly impecunious. The local traders showed no inclination to import, the isolation and difficulty of access of Ganjam being fatal barriers to commercial enterprise. The obvious alternative was the importation by Government and distribution to ryots on their binding themselves to repay the value after the harvest. The only objection to this course lay in the possibility of its being interpreted into an interference with the legitimate operations of private trade, but the circumstances appeared to me to justify the measure. An immediate decision had to be taken as the sowing season would soon commence. I caused inquiries to be made in the bordering district of Orissa, in the Bengal Presidency, whether a supply could be procured thence, but the reply was that the grain to Ganjam had already been so great that not a ton could be spared. Fortunately, thanks to its magnificent irrigation, a certain reserve stock of grain always exists in our own Godavari district, and inquiries made of the Collector, Mr. Happel, showed that it could be bought and delivered at Gopalpur at the price of Rs. 4/12 per bag. I accordingly directed the purchase of 1,000 tons, which should suffice for the sowing of 30,000 acres. Owing to the prompt manner in which my orders were executed by Mr. Happel, the first consignment, consisting of 150 tons, had arrived at Gopalpur before I left the district, and arrangements were made for the reception of the whole supply and its distribution from four centres.

MEDICAL ORGANIZATION.

The medical organization of the district appeared to me to be good, and there were a sufficient number of medical subordinates on the spot to deal with the epidemic of cholera. Two points, however, required to be noticed. One is in connexion with the supply of

cholera medicines. Supplies indented and telegraphed for on February 26th were not received till March 19th. The epidemic became afterwards more severe and a further supply was indented and telegraphed for on the 11th and 15th of April. Reminder telegrams were also despatched on April 26th and May 4th, but the full supply indented for was not received until June 1st. The other point is in regard to the furnishing of information to the District Surgeon regarding the progress of the epidemic. Reports of the outbreak of cholera are not as a rule sent direct to this officer by the Tahsildars or Deputy Tahsildars, and he has to wait for information till it is received through the Collector's office. This in a large district like Ganjam, may mean a delay of several days and prompt and effectual measures for dealing with the disease are thus rendered impossible. In one instance I was myself the means of bringing to the knowledge of the District Surgeon the existence of severe cholera in one of the estates under the Court of Wards. He had previously received no report. This is a matter that must receive immediate attention.

THE TOUR OF H. E. THE GOVERNOR IN GANJAM.

The following detailed account of the tour of H. E. the Governor in the District of Ganjam was written by Mr. Claude Vincent, Acting Private Secretary to the Governor, and is of much interest:—

The Governor's stay on the hills during the hot season of 1889 was rudely interrupted by bad news from the Ganjam district. This district lies at the extreme north of the Madras Presidency, on the borders of Orissa, and, like that province, has been subject to periodical periods of drought resulting in famine. During the great Madras famine of 1877, Ganjam did not suffer much; but in 1880 there was serious scarcity in the district, and it is estimated that 10,000 people then died of starvation. The district is extremely difficult of access, there being no railway, and the only means of communication being by road from the north and south and by means of the coasting steamers. Communication from the west is cut off by a high range of hills and an impassable jungly country. The communication by sea, sufficiently good in fine weather, but becomes difficult during several months of the year on account of the high surf that prevails. For instance, during the famine of 1863, Government bought large stocks of grain, which were sent in steamers to Gopalpur, the principal port of the district. (Owing, however, to the heavy surf caused by the monsoon, the ships containing the grain had to lie for several days off the port without being able to land a single bag while starving people on the beach were clamouring for food and praying to God for fine weather. The present distress has arisen in consequence of the partial failure of the south-west monsoon of 1888, which was due in the months of June and July, aggravated by the almost complete failure of the north-east monsoon also, which was due in the month of October. The usual results had followed. Crops had failed, prices had risen, merchants had refused to open their grain-stores, grain riots resulted, semi-panic had developed, and, in fact, under these circumstances, the Hon'ble Mr. Garstin, C.S.I., then a Member of the Board of Revenue, had, in November, been deputed to visit the district on behalf of Government, and his report, which was received in December, was more reassuring. He said that the stocks of grain were then ample, that, though prices were high and crops bad, there was no sign of any actual serious distress. Ordinary relief measures were, in his opinion, all that were required for the time. The distress in the district developed, however, steadily until, in April, there were about 15,000 people employed on Professional Agency Works in the Public Works Department on which at least 75 per cent. of a full day's task is exacted from all labourers. About 3,000 people were employed, in addition, on Civil Agency Works which provide employment for those who do not come up to the professional standard. About 1,000 persons were also admitted to gratuitous relief, which implies the provision either of a daily money dole or of cooked food in the case of those who are unfit to do any work whatsoever, owing to age, sickness or other infirmity.

About this time the Collector's reports became more gloomy. The condition of things, he said, was not improving and was aggravated by a severe outbreak of cholera, which is the usual accompaniment of famine. Deaths from this cause alone amounted to over 1,400 a week. The state of affairs was sufficiently serious to render a visit from the highest authority eminently desirable. The presence of the Governor inspired confidence in the local officers and shows them that their efforts under exceptional circumstances meet with his sympathy and support. The Governor left Ootacamund on the morning of the 20th May, a large party of officials and visitors assembling to wish him godspeed. Our party was a small one, consisting only of the Chief Secretary to Government* and the Private Secretary†. A Medical Officer‡ also joined the party in Madras. All three of us had been through the great Madras famine of 1877-78, and so had had previous experience of the state of affairs that had to be dealt with. The usual monotony of the hot and dusty journey down the ghat was marked on this occasion by what might have been a most serious accident. The phaeton in which His Excellency travelled turned a corner too sharply and rolled over without a moment's warning. The Governor, who was inside, escaped with a severe shaking, but his servant, who was on the box, was thrown 40 feet down the khud. The

* The Hon. Mr. J. F. Price. † Mr. Claude Vincent.

‡ Surgeon-Major McNally, Deputy Sanitary Commissioner.

Governor struggled out of the carriage and went to the side of the road to see what had become of his servant. "Are you hurt, Antonio," he called out; "Killed, your Excellency," cried a feeble voice from the middle of a clump of bamboos. The answer was reassuring and by means of ropes the "dead" Antonio was dragged back to the road, having escaped with a severely-strained arm, which, however, necessitated his being left in Madras. We arrived in Madras on the morning of the 30th, the few ladies and gentlemen who, from force or inclination, were braving the hot weather there meeting us at the station. In the evening we embarked on board the S. S. *Yamshera* for Gopalpur.

Our voyage was calm and untroubled by any incident. We carried with us the general Archdeacon who, formerly in the Royal Navy, was evidently glad to find himself back on his old element. We reached Gopalpur on the afternoon of the 1st of June. A flagstaff and a few white houses distinguish an otherwise monotonous coast line, but to ensure vessels making no mistake as to the locality its name is painted in letters three feet high on a large sign-board which runs along the roof of the Steamer Company's office, as if the port were a sort of marine Clapham Junction instead of being the *ultima Thule* of the Madras Presidency and of India. The landing through the much-graded surf had now to be faced. The horses that we brought with us, and our luggage, left the ship in advance, and all landed safely with the exception of one cargo boat, which was overturned in the surf and several very necessary articles of apparel found their last resting place at the bottom of the sea. We ourselves landed in a large surf boat, and the question arose whether we might not have to swim for it. "Can you swim, Mr. Archdeacon," asked the Governor; "No," was the obvious reply; but though then in the hands of Providence we left that, under the circumstances, we were probably fairly secure. And under the charge of the head boatman, who boasted that this was the fourth Governor he had successfully guided through their dangers, we got through the breakers in safety. The Governor was met on the beach with the usual reception and a guard of honour from the neighbouring military station at Berhampore. Bishop Timot, of the Catholic diocese of Vizianagaram, a venerable priest 80 years of age, lent colour to the scene in his purple robes. Gopalpur is a port with a fair amount of trade and, at the instance of the local merchants, Government has just completed, at a cost of 3 lakhs of rupees, a handsome iron screw pile pier which extends nearly 1,000 feet out into the sea. It has been found, however, that the length of the pier is insufficient, as it does not extend beyond the outer line of the surf and boats with cargo to land find it impossible to be alongside. It has been proposed to lengthen it, but this, owing to the shelving character of the foreshore, would be a very costly operation, and the latest idea on the subject is to dismantle it and sell the materials. The Medical Officer of the party held an inspection of the inhabitants of Gopalpur with a view to ascertaining the physical condition of the poorest amongst the population. His examination furnished results which recalled the experience of the famine of 1877. A considerable number of badly emaciated specimens of humanity were discovered, which pointed to the severity of the distress in the district. As usual, in such cases, the children seemed to be the first to have suffered and were in the worst state. Active relief operations appeared to be necessary, and above all a system of village relief which would reach starving coolies such as those we discovered at Gopalpur. On the line of canal between Gopalpur and Chatrapur, the head-quarters of the district, over 5,000 coolies were seen at work. These, however, were in better case, being regularly employed; and though they made some complaints as to the wages they were receiving, they seemed on the whole to be very fairly treated. Three cases of cholera had just occurred amongst them, two of which terminated fatally within a few hours. The third patient was removed from the hospital by some of his fellow workmen, who carried him off, though in a dying state to his own village.

On the 4th of June we drove 15 miles to Rambha and spent the day in a house belonging to Mr. Minchin, of Aska (of whom more hereafter) situated on the edge of the Chilka lake. This lake is a sheet of water 60 miles long and about 10 broad. Tree-covered hills stretch down the water's edge, and in the cold weather there are myriads of wild fowl on the lake, affording splendid opportunities for the sportsman. The house in which we spent the day is a very fine one, and was built by a Civil Servant of the old school who lived in the days when the pagoda tree still blossomed in India and could be shaken with some benefit. No record of the cost of building it is extant, as all the papers relating to this subject were lost in a boat which was sunk on a voyage to an island in the middle of the lake. We were visited at Rambha by two neighbouring Zemindars. One of these a lad of 18, is still a minor and under the guardianship of the Court of Wards. He appeared before us in a gorgeous embroidered yellow knee coat and pink trousers, and his bright and open countenance and air of more than usual intelligence impressed us favourably. On our way back to Chatrapur we were met by bodies of cultivators whose attenuated frames testified to their distress, and who complained of the Hirdoo ryot. The road passed through thousands of acres of cultivable land on which not a blade was visible. A sharp shower fell in the night, and the next morning, as we drove into Berhampore, bullocks attached to the little wooden ploughs were scraping the surface of the soil into furrows, preparatory to the sowing of the new crop. The question of seed-grain was one of the most pressing of those that had to be decided. The season for sowing was at hand, but those best qualified to judge asserted that at least one-quarter of the cultivators had used their reserve of seed-grain for food, and that no stock of it existed in the district. One

ton of grain suffices to sow 30 acres and it was estimated that 30,000 acres would require to be supplied. Again, the cultivators who had been reduced to the consumption of their seed-grain would evidently be too poor to be able to pay for a fresh supply even if it were procurable, so that importation by Government and distribution with a subsequent recovery of the value seemed to be the only measure possible to adopt, much as State importation is to be deprecated as tending to interfere with private trade, and to alarm the sensitive mind of the native dealer. Orissa was telegraphed to, but replied that not a ton of seed-grain was procurable there, as stocks had been exhausted owing to the drain to Ganjam already experienced. The native merchants of Berhampore were sounded but did not seem eager to undertake the job, and eventually the purchase of the 1,000 tons was entrusted to the officials of the Godavery district, where, thanks to the magnificent irrigation, a reserve of grain may always be relied upon.

At the Berhampore jail we saw several poor cultivators incarcerated for participation in the grain riots of October last. Their fields were lying fallow for want of their labour, and they clamoured piteously in the Governor for release. It is a curious fact about these riots that many of the rioters got hold of the idea that Government approved of their proceedings. Several poor women were also taken up for protesting, as they pathetically expressed it, "a little earth." It seems hard that the beautiful mother of all mankind should thus, through man's agency, be made to play the part of an avenging deity. But "salt earth" was what the poor women meant, and salt being a Government monopoly the removal from the surface of the ground of even a handful of a salt-earth is a serious offence. His Excellency has caused measures to be taken for the release of most of the rioters and orders have been given that in the salt cases none but serious ones are to be noticed. Next morning we drove 25 miles to Aska, far enough, what, in a good season, is a mass of rice and sugarcane cultivation. The correct derivation of the name "Ganjam" is *Ganji-lan*, meaning "the granary of the world." It was sad to see a country with so noble a name in such a barren condition. The south-west monsoon is now due, and if that brings good rain, though distress will continue till November, when the crops are harvested, the famine will then be over. If it fails wholly or in part, there will be a repetition of the miseries of 1876. No measures of relief can be sufficiently widespread to prevent loss of life in such a case. In 1877 the Government of India had to declare that "the task of saving life, irrespective of the cost is one which it is beyond their power to undertake," and though relief may be provided for the able-bodied by a well-organised system of public works, the infirm, the weak, the sickly, and, above all, the women and small children are bound to go to the wall. In Ganjam the usual difficulties of similar situations are aggravated by the peculiar notions of the inhabitants of the country. Ganjam, being only accessible by sea, is many years behind the southern districts of Madras in its civilisation, and the Uryas, who inhabit the northern portion of the District, are more than usually rigid in their caste observances. Some of them will not, under the stress of famine accept a grain of food cooked by strangers, even by Brahmans, so that gratuitous relief in its best form cannot be distributed. The majority of Urya women will also, under no circumstances, keep away from their houses, which prevents the concentration of labourers on large relief works. The district authorities have, however, got affairs well in hand, a sufficient number of estimates are ready for execution and gratuitous relief on a large scale, either in the shape of cooked food or money doles, will be organised forthwith.

At Aska we stayed in the house of Mr. Minchin, the reputation of whose hospitality and enterprise is widespread. Unfortunately he was absent, but his representative and Manager, Mr. Kellmann, a most caustic and charming Hungarian gentleman, did the honours in a princely style. Mr. Minchin has established here a large sugar-factory, which employs 1,200 hands, and the yearly outturn of which is about 30,000 cwt. The method employed is the so-called "diffusion process." The cane is cut up into small strips, thoroughly saturated in water, pressed, and the liquid then evaporated. Everything throughout the factory is altogether on a model scale. But business is not so active as it should be. The area in the neighbourhood under sugarcane cultivation is decreasing owing to bad seasons, and the competition of beet sugar is driving cane sugar out of the market. The factory also undertakes the manufacture of spirits, such as toddy, rum and rice spirits, for the supply of the retail vendors of the district, the annual outturn being about 80,000 gallons of proof spirit. Mr. Minchin has a monopoly of the supply under contract with Government, but complaints of the large amount of illicit distillation, and petitions were presented to the Governor by some people who said they were hereditary distillers, and that their means of livelihood had been destroyed by the monopoly system. This system of "abkari," or excise aims at securing what may be considered the maximum of revenue with the minimum of consumption. The heat at Aska was intense, 106° in the verandah, but the Governor kindly dispensed with the ceremonial which usually rules in Government House, whether established "in Court or camp or grove," and business was transacted throughout the day in costume which very much resembled that of Adam before the fall.

From Aska we went to Ruseikonda, a town at the foot of the Malialis or hill tracts of the Ganjam district. It is very picturesque, being surrounded by hills on which grows the graceful bamboo jungle. The usual assemblage of people met us at the entrance to the town, and the whole population, several thousands in number, turned out behind the carriage and followed it to our temporary residence, forming a running procession several

hundred yards long. The jail at Russellkonda is the most civilized imaginable. In other places jails are always surrounded by high walls to prevent the escape of the prisoners, but either these walls are an unnecessary precaution, or else the idea of escape has not penetrated the minds of the Russellkonda prisoners, for the jail there has a wall only about 3 feet high, such as surrounds an ordinary dwelling-house. A prisoner could easily jump over it, and yet the record of escapes or attempts at escape is nil. What I saw were passing in the morning all the prisoners crowded on the wall to see us go. By 2.20 in the evening when the Governor inspected the jail, all the townspeople stood over to see what was going on. In short, quite as hygienic jail, and possibly the poor people are happier in it than elsewhere.

The administrator of the Malabar, Mr. Horne, met us in Russellkonda, and we heard much from him regarding the curious customs of the inhabitants of the hills who are called Khonds. Their chief amusements are dancing and getting drunk, which they combine. They will do no work and will pay no taxes. Previous to our occupation of the hills, and indeed for many years subsequent to it, human sacrifices were common among them. Their custom was to buy grown-up men and women or children from the villages in the plains and keep them until they had occasion to think that their tribal deity, the earth goddess, required propitiation. Then the victim, who would meanwhile be treated as a favoured mortal, was garlanded, intoxicated, and finally beheaded with clubs, or with the heavy brass armlets worn by the inhabitants; or cut to death with knives, or some horrible still, burst with brands until he was incapable of struggling, under the belief that the next fall of rain would be proportionate to the number of tears he shed. A general orgy with all sorts of sensual excesses celebrated the occasion. When dead, he was backed to pieces, and portions of his flesh were carried off in triumph to the different villages and buried in the earth in honour of the goddess. The reported origin of this barbarous custom is curious. The Khonds believe in one Supreme Being, Boora Pennu, whom they sometimes call the God of Light, sometimes the Sun-God. In the beginning he created for himself a consort, Tari Pennu, who became the source of all evil and the earth-goddess. Afterwards he created the earth; and walking upon it one day with Tari Pennu he was so enraptured with her, because she refused to scratch the back of his neck, that he resolved to create out of the earth a new being, man, who should render to him the most devoted homage. He also resolved to create out of the earth all that was necessary for man's existence. Filled with jealousy, Tari Pennu attempted to prevent the fulfilment of these purposes, but only succeeded in altering the order of creation. Taking a handful of earth, Boora Pennu threw it behind him to create man, but it was caught by Tari and cast in one side, whence arose trees, herbs and all kinds of vegetable life. In like manner she intercepted, caught and flung aside three other handfuls of earth which became respectively the fish of the sea, the beasts of the earth and the birds of the air. Then, seeing what his rebellious consort had done, Boora Pennu put his hand on her head, to prevent any further interference with his will, placed a fifth handful of earth on the ground, and from it was the human race created. The goddess then placed her hands over the earth and said: "Let those beings you have made exist; you shall create no more," whereupon the god caused an exhalation of sweat to proceed from his body, collected it in his hand, and threw it around, saying "to all that I have created," whence originated love and sex and the continuance of species. At first the human race was sinless, went about unclothed, and enjoyed free communion with Boora. They lived without labour and in perfect harmony. But all this was changed by Tari, who "sowed the seeds of sin into mankind as into a ploughed field." Then came the loss of innocence, which was followed by disease and death. The earth became a jungle, flowers became poisonous, and animals became savage. The god and goddess fiercely contended for superiority over the new creation; and the supposed result of this conflict is the source of a division in the religious belief of the mountaineers. One sect—those who follow Boora Pennu—believe that he was victorious, in proof of which they allege the pains of childbirth which have been imposed upon the sex of Tari. The other sect—those who worship the goddess—believe that she was unconquered, and that, although she is the source of all evils, she can confer every form of earthly benefit, indirectly, by not obstructing the good which flows from Boora, and, directly, by her own act. They also believe that she appeared on the earth in a feminine form, called by them Umhally Bylee, and that while under this form she introduced order and the art of agriculture, as well as all other blessings into the world. As Umhally Bylee, she was one day slicing vegetables, and accidentally cutting her finger, the blood drops fell on the soft barren mud, which instantly became dry and firm earth. "Behold the good change," exclaimed the goddess, "and up my body to complete it." But regarding her as one of themselves the people declined to do her bidding, and in order that it might be carried out they resolved instead to purchase victims from other peoples.

This is the origin of what is variously termed the Morth, Tokki or Kaddi sacrifice. At first its efficacy was confined to those who personally practised the rite, but afterwards Tari ordered that all mankind should be included in the benefits it was to confer. Hence the sect of Tari believed that the responsibility for the well being of the whole world rests upon them. The practice of a rite so horrible on such purely benevolent principles is one of its most singular features. The followers of Boora Pennu, though condemning the human sacrifices practised by the followers of Tari, yet were themselves guilty of the practice of female infanticide. To justify this they urged the authority of their god who

was evidently a philosopher even if also a misogynist. He is supposed to have said: "Behold! from the making of one feminine being what have I and the whole world suffered. You are at liberty to bring up only as many women as you can manage." The number of human sacrifices used to be very large. On the occasion of the new moon feast of 1841 there were as many as 240 victims, and between 1837 and 1854 one English officer alone saved 1,506 intended victims of whom 717 were males and 789 females. The practice has since been put down by the Government, and the Khonds acquiesce readily in the measures adopted as they find that the earth is not less fruitful without being so propitiated, and they are saved the expense of purchasing their victims, which used to vary from 60 to 240 rupees apiece.

The Khond dialect has no alphabet, and is therefore unwritten, so it is very little known and communication with the inhabitants is not easy.* A large irrigation reservoir was in progress at Russellkonda which is to cover an area of 4½ square miles. It was curious to observe the immense brass armlets worn by most of the women, which extend in a series of rings from the wrist to the elbow, are welded on, and often weigh as much as 7 lb. on each arm. Numerous memorials were here presented to Lord Connelmara, one of which began with the somewhat original invocation of *gloria in excelsis*. It went on to speak of the "regal visit of his Divine Lordship to this part of the country away from the metropolis especially in this most tiresome torrid season." With this latter expression we all more or less agreed, for the heat was tremendous (107° in the shade). The expression used recalled the address presented to the Bishop of Madras in Tinnevely one June, in which some Native Christians thanked His Lordship for deigning to visit them "in this hell of a hot weather." Russellkonda showed a larger proportion of emaciated people than any place we had hitherto visited. A number of the population showed many of them to be not only suffering from famine but also largely from small-pox and the inspection was very trying to our senses of sight and smell. The jailer here, an old artilleryman, has shot over 100 bears with which the neighbourhood abounds. By this time we were all more or less knocked up with the heat and exposure, the Governor getting a rather bad attack of malarial fever, and the Collector suffering slightly from sunstroke, so we spent two days more in Mr. Mincham's luxurious houses at Aska, recruiting, arranging statistics, and discussing with the local officers the measures of relief to be adopted. The people we found were beginning to sell their jewels, which is always a bad sign, and some gold necklaces and metal bracelets, both of wonderfully original and graceful design, were purchased by us.

From Aska we went to Pattapur, the centre of the most severe distress. Mr. Carr who is in charge here, has just started a relief kitchen where 100 poor little starvings of children are fed twice a day. But he is met by a curious difficulty. Little tin plates were made on which the food, consisting of rice and curry, is served. Brahmans are employed to cook the meals, otherwise they would not be eaten, but so strong are caste prejudices that the cooks will not wash the plates off which the children have eaten, and the children will not again eat off the plates if they are washed by persons of inferior caste. The remedy is either to give each child a plate of its own, which it can keep and wash, or else to provide the ordinary leaf plates of the country, which are thrown away after every meal. Another instance of the strength of caste feeling was that of some emaciated Brahmin children who were looking hungrily on while the food was being distributed; they were asked to sit down and partake, but they shook their heads and said "No we are Brahmans and cannot eat in public." A deputation from the brother of a neighbouring Zamindar brought a dead spotted deer and sambar as presents. We had seen him on the road in the morning holding in his hands as we passed, a large vase or "berrang camphor," which is the offering they make to their gods. A number of Khonds from the neighbouring hills were also on view. Their arrows are most formidable looking weapons, but we were assured they seldom manage to hit anything at a distance beyond 20 yards. About 8 o'clock in the evening a noisy blowing of trumpets announced the arrival to pay his respects to the Governor of the Peddakurudi Zamindar, one of the large landed proprietors of the neighbourhood.

He had been warned to come in the afternoon, so he was not received. He is said to have performed the rite of the million rose-leaves which consists in scattering one million roses, petal by petal, on to the shrine of his favourite god. The number of roses is probably somewhat exaggerated but he went on scattering petals for three days and so became a very holy man. Coming into Ichapur the next morning after a 30 mile drive we were met by a Police Inspector on a white pony who gallantly showed the way through the town. His devotion to duty was great, but he was evidently no equestrian. The pace alarmed him and we saw his attendant run up behind, and catch and keep hold of the pony's tail to prevent its going too fast. Thus quaintly led we arrived at our halting place, once a mess-house in the days when we were fighting with the Mahabattas for the possession of the district, but now a traveller's bungalow. Our elephants, of which we had three or four travelling with us, brought in our camp in good time. These animals are kept for use by the District Officers when travelling in the hills. The meaning of Ichapur is "city of delight," but we scarcely found it to be such. The Governor had a return of fever, the Doctor was also ill and the heat was great. However, we were all cheered in the evening by the receipt of a telegram from the Secretary of State to the

* For many of these details I am indebted to the "Manual of the Ganjam District."

following effect:—"Balmoral, 15th June. The Queen Empress of India appreciates your endeavours to alleviate the distress in Ganjam, and desires that no efforts may be spared. Her Majesty deeply sympathises with the sufferings of her people in that district." The Governor at once ordered the Translation of this into Odia and Oriya which are the two vernaculars of the District, and copies to be sent to every village.

At Kanshili, the next morning, we were met with the usual reputation and address and by the Zamindar of Parlakimidi, resplendent in fine velvet and gold, and adorned with a most elaborate pearl necklace. He is the best of the Zamindars we have met, having had a good English education under a competent tutor. The address thanked the Governor for coming among the people "at a time when a dreadful pestilence and a painful famine struggle for supremacy, the former confining a great majority of the people to their houses, and the latter driving them out in search of food. We hope that your Excellency's sympathies for our people will soon expel these contending tyrants from us." Another address said:—"It is not necessary for me to borrow Gargantua's mouth to express my gratitude" &c.

Next morning we drove 8 miles to the port of Baruva, where the British India Company's steamer *Scintilla* had been ordered to meet us. We had sent all our luggage on her in advance, expecting to go straight on board, and it was an unpleasant surprise when we arrived at the sea-shore to find no steamer there. Various were the conjectures, but after an hour's waiting she hove in sight, hove overboard the port, if a piece of bare sand with a flag staff on it can be so called. Thousands of natives from the neighbouring villages lined the beach to see the Governor embark. The surf was high, but after waiting ten minutes for a lull, amid frantic shouts and yells, we passed through it with nothing more than a splashing. As the boat started all the people on the beach put up their hands in the attitude of prayer, invoking the protection of the goddess of the waters. By 11 a.m. we were steaming south to Madras, and though rather battered, worn, and dilapidated, both as to ourselves and our belongings, by our fortnight's toiling, we congratulated ourselves that in spite of the heat and the cholera we had no casualty to record.

The Governor's visit was no doubt peculiarly well-timed, and the relief measures he ordered will be the means of saving many poor people from the most lingering and dreadful of all deaths. The result of elaborate examinations made by the Medical officer who recommended us was that 5 per cent. of the population are in a state of dangerous emaciation, and the best estimate of the District Officers was that, even in the monsoon, 12,000 people will have to be employed on Professional Agency Works, 8,000 on Civil Agency Works, while not less than 30,000 will have either to receive money doles or be fed in relief kitchens until the new crop is harvested in November or December. If the monsoon fails 100,000 people will probably have to be relieved, and the resources of private trade in an inaccessible district like Ganjam will be severely taxed to cope with the crisis. The district is not only one of the most populous but also one of the most fertile in the Madras Presidency, but it is deficient in irrigation works, and the rice cultivation on which the large majority of the people rely for food is therefore mainly dependent on the quantity and seasonableness of the periodic rains. In most other districts similarly circumstanced the various kinds of millets, which require no irrigation and far less rain than the rice crop, are largely grown, but the explanation of the preference for rice cultivation in Ganjam is that if it is successful the output is double in quantity and treble in value of the corresponding millet crop. The real preventive of famine in Ganjam, as elsewhere, lies in the improvement of communications. A glance at a railway map of India will show a great blank in this corner of the eastern coast of the peninsula and a railway project is now before Government for the construction of a line from Beavada, in the Kistna delta, where two lines now terminate "in the air," so to speak, through the rich Godavari and Vinayapatnam districts, to pass through Ganjam and on to Orissa, there to join a line that is to be run to the sacred shrine of Juggernaut at Poornu from the Bengal system of railways. There can be little doubt that such a line would be remunerative, and no doubt that it would be the salvation of the Ganjam district from future scarcities and would speedily place it abreast of the most flourishing portions of the Madras Presidency. It was satisfactory to learn by a telegram from the Viceroy before we left the district that the necessary funds for the survey of this line would be sanctioned. We had a stormy voyage back to Madras, which we reached on the morning of the 19th June, and after halting there for a day we arrived at Ottacumund on the afternoon of the 21st.

Obituary.

The Obituary record is a long and mournful one, and includes the names of several well-known people, who have done great and service. The House of Lords mourned the death of His Duke of Buckingham and Chandos on the same day that the House of Commons lamented the death after a prolonged illness of the Right Honble John Bright. The Duke was Chairman of Committees of the House of Lords and ruled as Governor of the Madras Presidency from 1875 to 1880. It was during his regime that the terrible famine in India occurred. Mr. John Bright was a leading figure in the House of Commons for many years past, and was a great orator. The following were among those who passed over to the Majority during the past year in Europe:—Mr. William Parkes (of the Madras Harbour Works) Admiral Hon. T. A. Pakenham, Major the Hon. C. Keith Falconer, Mr. E. Hicks, formerly M.P. for Cambridgeshire, the Earl of Seafield, the

Bishop of St. Asaph, Dr. Haefler, the well-known Musical Critic, Mr. R. S. Menzies, M.P. for East Perthshire, Mr. James Howard, formerly M.P. for Bedfordshire, the Earl of Eglinton, Dr. Thomas Smith, Professor Maguire, Lieut. Genl. Elkington, Surgeon-General B. J. Franklin, Hon. Spencer Lyttleton, Sir Henry William Dawson, the Earl of Portarlington, General John Lambell, Rev. J. G. Wood, the well-known Naturalist, Dr. J. E. Broadly, Mr. Richard Spooner, M.P., Vice-Admiral J. C. Sady, the Earl of Radnor, Sir W. F. Stowell, Major Genl. W. Nassau Lees, Dr. G. Johnston, Sir Thomas Gladstone, eldest brother of Mr. W. E. Gladstone, General Ralph Bidd, The Hon. George Stone, Lieut. Col. G. P. Evelyn, Mr. S. C. Ball, Admiral Ralph Chandler, The Hon. Guy Dawson, Earl of Caledon, General J. S. Brownrigg, Maj. Genl. G. Bagot, Lieut. Col. G. Harris, General E. R. Jeffreys, Rev. Canon Sir F. Gore Ouseley, Canon Portal, Dowager Lady Mountague, General Sir J. E. Bradford, K.C.B., Colonel E. G. Wace, Lieut.-Colonel J. Dawson, Lieut.-Colonel Robert D. Osburn, Mr. Warren De La Rue, Sir John Walcott, Prof. Osby, Mrs. Dallas (Miss Glyn), the Earl of Malmesbury, Admiral H. S. Rawker, Earl of Caithness, Hon. Edw. Coke, Bishop of Trinidad, Sir C. Langton, Sir W. Wedderburn Armstrong, Major J. Hamilton Gray, Major-General T. F. Hodges, Mr. J. F. La Trobe, Baronet, Lord A. P. Cecil, Sir J. F. F. Shaw, Major-General Sir T. Rutledge, Dr. Chamber, Mr. W. R. H. Powell, M.P., Lord Balfour (Sir F. Rogers), Lord de Blaquiere, Lord Carbery, The Rev. Dr. Bramston (late Dean of Winchester), Lord Fitzmaurice, Lord Lyndoch, Viscount Torrington, The Earl of Orkney, The Earl of Leven and Melville, General J. R. Stewart, Sir J. B. Macle, Q.C., Lieut.-Colonel B. Jackson (Waterloo Veteran), Lord Fitzgibbon, Lord Digby, Dr. Joule, Sir Daniel Gooch, Lady Holland, Mr. William Collins (Novelist), Eliza Cook (Poetess), The Hon. W. J. Fitzwilliam, M.P., Mr. J. B. Firth, M.P., Lord Addington, Earl of Grathard, Colonel Tomlin, Sir James Marshall, Sir W. Ewart, M.P.

India lost the following, among others, during the year:—Mr. D. S. White (the founder and President of the Eurasian and Anglo-Indian Association of Southern India), the Maharajah of Benares, Mr. T. Pritchard (Deputy Collector), Mr. J. W. Fraser (of the Ganjam Panch), Deputy-Surgeon General J. Shortt, Captain A. E. Russell, (Aide-de-Camp to the Commander-in-Chief), the Nawab of Rampur, Nizam-ul-Hind (the first Native High Court Judge appointed in Bombay), the Maharaja of Kotah, Major-General C. G. Ottery, Major G. H. Kensington, B.E., Mr. Girdlestone, and several others.

THE LAWRENCE ASYLUM PRESS.

(ORIGINALLY "THE MADRAS MILITARY MALE ORPHAN PRESS.")

Established 11th April, 1780.

The oldest and one of the most remarkable institutions in India. Founded at a time when England was still building up the mighty Empire which at the present day is the marvel of the world, the MADRAS MILITARY MALE ORPHAN ASYLUM PRESS, now designated the LAWRENCE ASYLUM PRESS, possesses an historical interest, apart from that which now appertains to it as being the largest Printing Establishment in the whole of the Madras Presidency, if not of India itself. The following is a brief history of its growth:—

An Asylum for Military Orphans having been established at Calcutta at a comparatively early period of the English ascendancy there, and it having been very useful, the Court of Directors, in a general letter, dated 14th March, 1786, recommended the establishment of a similar institution in Madras, which, at that time, had a larger army, and, consequently, a greater number of orphans than the sister Presidency. Upon the receipt of this recommendation the Local Government put itself into communication with the Church-Wardens and Vestry of Port St. George, and the MILITARY FEMALE ORPHAN ASYLUM was forthwith established. In the following year, the Rev. Mr. MILLINGHAM, who was then Chaplain of Madras, took up the matter warmly, and in conjunction with the Vestry, among whom the most active was NATHANIEL KINDERSLEY, Esq., C.S., who afterwards became the first Secretary, issued an appeal to the public and instituted enquiries as to the number of orphans then in need of help. It was discovered that there were at the various stations no less than 250 orphans without any means of support. By December, 1787, the appeal was largely replied to, and the Vestry thought they might proceed to open the required Male Asylum. Upon an application to Sir ARCHIBALD CAMPBELL, the then Governor, stating the progress of the scheme, he granted, subject to the approbation of the Court of Directors, Rs. 5 each per mensem, for 100 orphans, calculating that at first this would be all that the charity could provide for. At the same time, the Trustees of a fund, which had been raised for the relief of the orphans, who had lost their all by HYDER ALI's first and second invasions of the Carnatic, handed over to the new charity the sum of 8,000 pagodas, which had remained unexpended after the discharge of all claims. At the high rate of interest then common, this sum produced an annual income of 540 pagodas, or Rs. 2,240. Early in 1788, the Committee applied to Government for the Igmore endowments, which was then perfectly useless except as a store-house for ammunition. This request was complied with, and, in February, the school opened with 23 orphans, who had increased by June to 70, all of

whom had lost their fathers in the war of the Company. Meanwhile, subscriptions to the amount of 4,719 pagodas were received from the Army and the few civilians then in the country, and the year closed with a gross income, from donations and interest, &c., of 2,879 pagodas.

In September, 1789, the Rev. Dr. BELL, who appears to have been acting as Chaplain on board the Indiaman, "Rose," then in the roads, offered his services as Superintendent without salary. Of course, they were accepted, and, under his direction, the school became a most efficient educational institution at that period; for he introduced the BELL, or, as it was afterwards called, Lancastrian system of teaching. — the foundation of all modern educational progress. After eighteen months' experience, it was found that the average expense of each boy was 2 pagodas, 80 fanams, per mensem. By the end of the following year subscriptions had raised the permanent funds to pagodas 9,272-10-3, while the current income was 4,023 $\frac{1}{2}$ pagodas. In 1791, the funds were invested in a Company's loan at 12 per cent., thus forming the basis of the present large funded capital. The average expense per boy was now Rs. 10 per mensem.

By December, 1791, the funds had increased, chiefly by donations and regimental subscriptions, to 16,810 pagodas; while by the end of 1792, they amounted to 12,647 pagodas. At the close of 1793 they had increased to 14,628 pagodas. In June of that year an Assistant Surgeon having been suspended by Court-martial, his pay, amounting to 500 pagodas, was given to the school. Meanwhile, war broke out again with the French, and Dr. BELL was sent as Chaplain to the Army which captured Pondicherry, leaving the Institution without a Superintendent. A few months afterwards Colonel BRATHWAITE, who had been so barbarously treated by Hyder, was sent in command of a force to Tanjore. Here he was much distressed at a continued drunkenness of his men, and, believing that he could only repress the crime by touching the pockets of the offenders, he imposed heavy fines, amounting in all to 1,000 pagodas, and handed over the produce to the Asylum. During the same campaign a detachment, under the command of Lieutenant CURRAGE, captured a small fort, in which was found a large quantity of arrack. Unwilling to poison his men with it, he caused it to be raffled for among the officers, remitting the proceeds, 75 pagodas, to the Asylum. The next year, 1794, brought large donations from the rescued Nabob and others. The Commander-in-Chief gave 1,100 pagodas, the Nabob 1,000, and others another 1,000 pagodas, with which the year had commenced.

During this year also the amateurs of Madras, headed by Lady OAKLEY, the wife of the Governor, Sir CHARLES OAKLEY, gave two concerts for the benefit of the Asylum, producing a net profit of 1,175 pagodas. In February of the same year, the agents for the prize captured in the Tanjore expedition several years previously, presented the unclaimed portion to the Asylum, viz., 2,277 pagodas. In August, Colonel BAIRD, afterwards the famous Sir DAVID BAIRD, having detected one of the camp sutlers in peculation, gave him the choice of the triangle or a fine. The sutlers chose the latter and paid 200 pagodas to the Asylum. In October, 1794, the prize agents for the first Mysore invasion presented the large sum of 11,875 pagodas of unclaimed prize-money, and 2,346 pagodas worth of debts. The result of all these receipts was that, in January, 1795, the funds had risen to 38,507 pagodas, or nearly one and a-half lakhs of rupees. In July H. M.'s 72nd Regiment presented 485 pagodas, and similar amounts came in from other regiments, which, together with the surplus income now enjoyed, increased the funds to 41,779 pagodas in January 1796. In the same year, there was established in Madras an "Asylum and Road Lottery," which was continued yearly, the Asylum receiving 4th of the profits, the other 5ths being applied to road-making in Madras. In 1795, 2,000 pagodas thus fell to the Asylum, and a large sum was afterwards received yearly. In August, 1796, Mr. CHATTER, who was then Editor of the "Madras Courier," offered to print and sell, for the benefit of the Asylum, a Quarterly Army List, from which he estimated an annual profit of 500 pagodas. This has been issued by the Asylum from that time to the present day, and has been a fruitful source of income. By April, 1797, the funded capital amounted to Rs. 44,612. In the latter half of this year considerable expense was necessarily incurred in providing additional accommodation for the now numerous orphans, who, in January, 1798, were 315 in number, — 268 on the foundation and 47 boarders. In August, 1798, the officers in the Fort produced a play, which having been patronised by the whole Settlement, furnished the Asylum with the large amount of 364 pagodas. Various regiments also sent donations in this year. — the garrison at Amboor, for instance, giving one month's pay, and Colonel PARKES'S regiment 134 pagodas.

With the increase of inmates it was found that the largely enhanced funds were still insufficient, and, in September, 1789, the Rev. Dr. KASS, the then Superintendent, proposed the establishment of a Printing Press, for the double purpose of replenishing the funds and furnishing occupation to the pupils of the Asylum. The Asylum Press was established first in the basement of the Principal's house, now occupied by the girls of the Civil Orphan Asylum, next in what is now the Chapel, afterwards in John Pereira's, and, lastly, where it now stands on the Mount Road. The books from this press till 1806 are missing, and are said to have been carried away by a great flood in the Fort in 1845; but by comparing the statements of later years, it appears that the Press was actually established on the 13th April, 1790. At first its proceedings were limited, till Lord Clive, in 1800, gave to it the Government printing, under certain conditions equally favorable to

both parties. This step was the salvation of the Asylum, for it soon rendered it independent of the fluctuations of Government grants or public subscriptions. To show the necessity for something being done, the funds had fallen by December, 1798, to 40,817 pagodas, although the Asylum, which now numbered 315 inmates, was so economically conducted that the cost of each boy was but 2 pagodas, 24 fanams and 32 cash per mensem. In June, 1799, a private printer's estate, for which there were no heirs, produced 2,330 pagodas, which were presented to the Asylum. But from this time the chief dependence of the Asylum was upon the Press, which, though doing the Government printing at half the previous rates and a large portion without any charge, was extraordinarily successful. Among its other duties was that of publishing an official Gazette, or Government Gazette, and it was called, the origin of the present Fort St. George Gazette, although it also was the best ordinary newspaper. One-third only of the profits of the Gazette came to the Asylum, as Government took one-third, while the remainder was paid to the Agent and Editor.

The first Government contract undertaken by the Press was accepted in 1800, during which year the profits were but 605 pagodas, but in the following years they amounted respectively to 1,692, 8,705, 16,200, 6,273, 6,150, 6,441, and 6,370 pagodas. In 1807, the Lottery produced for the Asylum 2,355 pagodas, while in 1808 the Asylum share was raised to 7ths instead of 4ths as heretofore. With prosperity, the cost of each boy increased to 3 pagodas, 8 fanams and 55 cash, while the funds had again risen to 47,117 pagodas in December, 1807, and 40,833 in 1808. In the latter year the Lottery brought 3,948 pagodas, and the Press 4,190 pagodas. There was now established a bindery and paper manufactory in the Asylum compound, the latter of which seems to have done well for a time, but afterwards, to have become a losing concern, when it was abolished. In 1809, the Lottery produced 2,900 and the Press 7,070 pagodas, raising the funds to 52,733 pagodas, or nearly 2 lakhs of rupees. In the following year the Press netted 6,163 pagodas, and in succeeding years 7,448, 6,587 and 7,623 pagodas, respectively. No accounts are to be found for the six following years, and no annual financial statement or balance sheet appears to have been prepared or published for about 40 years. The prosperity of the Press rendered it unnecessary to appeal to the public for help, and hence there was no absolute necessity for any other balance sheet than that exhibited by the banker's book. It is therefore difficult to discover the progress of the Institution. It is, however, clear that the Press now became exceedingly fruitful. Up to March, 1816, it had given to the Asylum a net profit of 71,355 pagodas, or nearly 2 $\frac{1}{2}$ lakhs of rupees. In December, 1820, the funds had swelled to 2,161,000 rupees (from this time pagodas are never reckoned), while the Press profits were 28,690 rupees. The average profits for the five years 1820-24, both inclusive, amounted to the very large sum of 36,860 rupees per annum. In the meantime the number of inmates of the Asylum had greatly increased, and it became necessary in 1825 to erect the present very commodious and exceedingly suitable range of buildings, at present occupied by the boys of the Civil Orphan Asylum, at a cost of 88,500 rupees. The range is two-storied. The lower portion is arched, while the roof of the upper storey is supported on two rows of pillars running the whole length, thus giving a continuous room of 250 feet long by 36 feet wide. It is believed to be the longest room in India. The larger part of this money was borrowed from Government, as the interest of the funded property was only sufficient to maintain the pupils, since in the preceding year a Government donation of 6,000 rupees per annum had been transferred to the Female Asylum, which was then in a very depressed state. In that year (1820) the funds stood at 2,47,000 rupees, — a figure which was not exceeded till 1835, as the pupils were increased to 350, and the Government debt had to be paid off. Up to this period Government had maintained, at a great annual expense, another Military Orphan Asylum at Poomalallee, which differed from the Madras Institution, in that it was a purely Government Institution, and towards the maintenance of which, all officers and soldiers had to subscribe. The Company provided all the funds required, recouping itself to some extent by a certain deduction from the pay of the Army. The Poomalallee Institution had not flourished, and it was thought undesirable to have two such Asylums so near by, and it was now desired by Government that the Poomalallee Asylum should be amalgamated with the Madras Institution, and the project was carried out, all the orphans being transferred to Madras, without any corresponding financial privilege being conferred, so that the Military Male Orphan Asylum has been the means, ever since, of saving a considerable annual outlay to the Government; and, even although the Madras Asylum was transferred in 1871 to Ottacamund and amalgamated with the Lawrence's Asylum, no further grant has been made by Government beyond the 4,000 rupees monthly, which is intended to provide for the salaries of the Principal and his staff, and for the maintenance of 150 boys and 30 girls. The Press still continued profitable, netting 28,237 rupees in 1825, and, in 1829, no less than half a lakh. As, however, the expenses were very large and competition now began to reduce the profits of the Press, the Government were allowed shortly after this by a general letter from the Court of Directors in England, to draw 8 per cent. for their funds, a privilege which had long before been accorded to other charitable institutions.

In 1832, Government withdrew many of the privileges it had accorded to the Press and by which it had so largely aided itself, establishing the present Fort St. George Gazette, compelling the Asylum Gazette or Madras Asylum Herald, as it was now called, to pay postage, and diverting its printing to other presses. From this time the Press greatly declined,

netting only 11,718 rupees in 1833. In this year there were 350 orphans maintained, and this number was afterwards increased to 450. The mortality, however, became so excessive, that the maximum was lowered to 300 and subsequently to 260. But the premises are admirably suited for the accommodation of 300 children, if the sanitary arrangements are carefully attended to. The Asylum however, received back its Government donation and continued to flourish, having in May, 1837, a funded capital of 3 lakhs. From this period it is utterly impossible to discover its progress. There are, as far as can now be discovered, no accounts of any kind, except the monthly expenditure of the Press and the Asylum. This is possibly owing to the fact that the Asylum now went through a very dark period. Its bankers failed, and all the current funds were lost. Disease and death destroyed the spirit of all concerned, and the numbers gradually fell till there were only 150 orphans maintained with difficulty, where 450 had been easily kept before. The Press declined rapidly, and both it and the Asylum seemed at the lowest possible ebb. We learn, accidentally, that the Press profits from 1846 to 1851 were but 3,400 rupees per annum. This was followed by something like bankruptcy till 1860, when a thorough reform was instituted, and the Press was again able to assist in the maintenance of the orphans, and to raise the funded capital to such an extent as to make it sufficient for the wants of the Asylum.

The only considerable legacy that can be discovered is that by General SEPTI, of 14,000 rupees. From this, it is apparent that the Asylum is mainly indebted for its funds to its own exertions in the Press, and, till 1838, received nothing whatever from Government, except the donation of 600 rupees per annum, and even this was withdrawn for many years. It further appears that another general idea—that its capital was largely derived from the subscriptions of the Army—was also totally unfounded, except so far as that the gifts of the Army enabled the governors to begin a fund, and showed how the Asylum might be made almost self-supporting. At present about one-half of the annual income is derived from Government in the shape of donations, or interest on a monthly donation. The funded capital of the Asylum amounts at the present time to 4,50,000 rupees.

Established in 1780 and formally opened in 1788 with 53 orphan children, the institution was so adapted to the necessities of the Presidency that its numbers gradually increased, until in the year 1826 there were no less than 460 orphans upon the rolls. This period was one of almost constant war, and, but for the operations of the Asylum, the Presidency would have been overrun with destitute and helpless children,—orphans of men who had lost their lives in their country's cause. From 1826 various causes led to a progressive diminution in the numbers supported, until in 1846 there were but 147 names on the list. From that date a gradual recovery raised the number to an average of about 235, at which limit it stood for nearly 15 years. In 1864, another advance took place, and in the financial year 1867, there were as many as 320 kids maintained. When the Buildings at Loydole approached completion admission were restricted, and at the amalgamation in 1871, 200 kids were transferred to Coimbatore, and the Male Orphan Asylum ceased to exist at Madras.

The old registers of the Asylum reveal some curious facts. Admissions of illegitimate children appear to have been the rule up to the year 1830, after which, there is a gradual decrease, and legitimate children appear more frequently. The fathers of the children rank from Generals to Privates. The rank of Matroses occurs frequently. The term is now obsolete, and it was applied formerly to those soldiers who assisted the gunners in loading, firing and sponging the guns. The designation half-caste and Indo-Briton are used for the first time,—the former in 1818, and the latter in 1827. Previous to 1827, the mothers are set down as either European or Native, the latter, of course, predominating. The mothers' names are also given, and are chiefly Hindoo names, with now and then a Hindustani one. The mother of one child is put down as an Irishwoman. One name in the register attracts attention, that of Orion, of whom there were two brothers in 1794, sons of Lieutenant Orion. The elder of the two is styled Griffin and the younger Duke.

Before concluding this sketch, it is well to reflect for a moment upon the great amount of good that has proceeded from the Asylum in the course of its existence of a century. Between 7,000 and 8,000 orphans have proceeded from it to fight the battle of the world, and some 600 others sleep in St. Mary's Burial Ground out of before their fight commenced. From the school have sprung, immediately or remotely, a great number of men who have become respectable and useful members of the community. In its early days it received the sons of many of the officers and soldiers who served out the British power in this Presidency and saved them to Christianity and respectability.

This opportunity is taken to correct an erroneous impression that has somehow gone abroad that the *Liverpool Asylum Press* is assisted either directly or indirectly by Government, and hence its success. Whereas the fact is it is and has been for many years, absolutely independent of Government, its very Pension Fund being an accumulation from profits.

The Press is conducted, strictly on trade principles, its earnings being derived mainly from work done for the public at competition rates, the Government work done by it being in common with other Presses, approved by the Superintendent of the Government Press. If the Press shows signs of prosperity it is entirely owing to the management, financial and administrative.

PART I.—CALENDAR.

THE CALENDAR FOR THE YEAR 1890.

PRINCIPAL ARTICLES.

CHRONOLOGICAL NOTES.

Golden Number	10	Dominical Letter	F
Epoct	9	Roman Indiction	3
Solar Cycle	23	Julian Period	6803

EXPLANATION OF CHRONOLOGICAL CYCLES AND ERAS.

The *Golden Number* is that which any given year holds in the Lunar Cycle, which is a period of 19 years, at the lapse of which the phases of the moon take place on the same day of the month respectively as at the commencement of the Cycle. Therefore while the sun performs its annual course 19 times, the courses of the moon amount to 235. In the Ancient Calendar this number was inscribed on a tablet set up in the market-place of Athens in letters of gold, hence the term *Golden Number*. It was likewise called the Prime, because it pointed out the first day of the new moon, *primus luna*.

The *Epoct* is the number of days of the Lunar Cycle, over and above all the complete courses of the moon for any number of years, hence the number indicates the age of the moon at the beginning of the year.

The *Solar Cycle* is a period of 28 years, which, owing to leap year, must necessarily elapse before the days of the month can return respectively to the same days of the week as at the commencement of the Cycle. The first year of the Christian Era was the tenth year of this Cycle.

The *Dominical Letter* is that letter of the alphabet which points out in the Calendar the Sundays throughout the year, thence also called the *Sunday Letter* or *Dies Domini*.

Roman Indiction was a period of 15 years, instituted by Constantine the Great in A.D. 312, for levying certain taxes upon the subjects of his empire. The Popes since the time of Charlemagne have dated their acts by the year of the indiction which was fixed on the 1st of January.

The *Julian Period* embraces 7980 years, and is produced by multiplying into each other the Solar Cycle (28), the Lunar Cycle (19), and the Cycle of the Indiction (15). This period is reckoned from 709 years before the usual date fixed upon for the creation; at a time when the three Cycles are supposed to have commenced together; a circumstance which cannot take place again until A.D. 3267, or the lapse of the entire period.

Our Lord was born in 4713 of the Julian Period. This style was contrived by Joseph Juste Scaliger in A.D. 1583, for chronological purposes, and is assigned as a fixed era in the calculations of all Astronomers and Chronologists. It is of great importance as the standard or general receptacle of all other Epochs, Period and Cycles; "into this, as into a large ocean, all the stream of time discharge themselves, without losing their character and if historians had recorded the number of each Cycle in each year respectively, there could have been no dispute about the date of any event in past ages."

1921, M40

1921

192599

GREGORIAN CALENDAR OR NEW STYLE.

Up to 1582 the length of the year as computed by Julius Cæsar in B.C. 45 consisted of 365 days and 6 hours, but as the true length of a solar year is only 365 days, 5 hours and nearly 49 minutes, this calculation had produced an error amounting to 10 days. Consequently Pope Gregory XIII.—hence the Calendar was called Gregorian—undertook in 1582 to rectify that error by making the year to consist of 365 days, ten days between the 4th and 15th October were struck out, and the 5th was reckoned as the 15th October. According to this style the ordinary year is to consist of 365 days, but the year 1584 and every fourth year afterwards termed leap year to contain 366 days, and the centuries 1700, 1800, 1900, 2100, and so on for those centuries which are not divisible by 400 are to be reckoned, not as leap years, but as ordinary years of 365 days only.

The New Style has been gradually adopted throughout Europe, except in Russia and Greece where the old style still prevails.

In Great Britain the New Style was adopted in 1752 by that time the error had amounted to 11 days; it was therefore enacted that September 3 of that year should be reckoned as September 14. During the present century, supposing the New Style had not been adopted, the error would be 12 days, and this difference must therefore be allowed in Russian and Greek dates. Thus a Russian bill, dated March 2, must be reckoned as dated March 14.

ANNIVERSARIES, &c.

Queen's Proclamation assuming the title of "The Empress of India"	Wed. Jan. 1
Marriage of Queen Victoria	Mon. Feb. 10
Birth of Princess Louise	Tues. Mar. 18
Birth of Princess Beatrice	Mon. Apr. 14
Birth of Prince Arthur	Thur. May 1
Birth of Empress Victoria	Sat. May 24
Birth of Princess Helena	Sun. May 25
Accession of Queen Victoria	Fri. June 20
Proclamation of Queen Victoria	Sat. June 21
Coronation of Queen Victoria	Sat. June 28
Birth of Prince Alfred	Wed. Aug. 6
Queen's Proclamation assuming the Government of India from the East India Company	Mon. Nov. 3
Birth of Prince of Wales	Sun. Nov. 9
Birth of Princess Royal	Fri. Nov. 21

HINDU, MAHOMEDAN, AND JEWISH ERAS.

The year 4992 of the Hindu Era of Kaliyugam commences on March 21, 1890.

The year 1942 of the Hindu Era of Vikramjit commences in the Madras Provinces, on March 21, 1890, and in the Provinces of Guzerat, Deccan and Cocon, it commences on November 13, 1890.

The year 1813 of the Hindu Era of Salivahana commences on March 21, 1890.

The year 1665 of the Hindu Era of Collum Amda, in the Malabar Provinces, commences on August 15, 1890.

The year 1208 of the Mahomedan Era of Hejira commences on August 13, 1890.

The year 1390 of Fussy commences on July 1, 1890.

The year 5651 of the Jewish Era commences on September 15, 1890.

The year 1297 of the Hindu Bengali, Bellalissana Era in the Bengal Provinces commences on March 21, 1890.

Ramzan (Month of Abstinence observed by the Turks) commences on April 21, 1890.

FIXED AND MOVABLE FESTIVALS.

Epiphany	Mon. Jan. 6	Ascension Day (Holy Thurs.)	Th. May 15
Septuagesima Sunday	Sun. Feb. 2	Pentecost (Whit Sunday)	Sun. May 25
Sextagesima Sunday	Sun. Feb. 9	Trinity Sunday	Sun. June 1
Quinquagesima (Shrove Sunday)	Sun. Feb. 16	Corpus Christi	Th. June 5
Ash Wednesday	Wed. Feb. 13	Ascension of Queen Victoria	Fri. June 20
Quinquagesima (1st Sunday in Lent)	Sun. Feb. 23	Proclamation	Sat. June 21
St. David	Sat. Mar. 1	St. John the Baptist (Midsummer Day)	Tues. June 24
St. Patrick	Mon. Mar. 17	St. Michael (Michaelmas Day)	Mon. Sep. 29
Annunciation (Lady Day)	Tues. Mar. 23	All Saints' Day	Sat. Nov. 1
Palm Sunday	Sun. Mar. 30	All Souls' Day	Sun. Nov. 2
Good Friday	Fri. Apr. 4	Birth of Prince of Wales	Sun. Nov. 9
Easter Sunday	Sun. Apr. 6	St. Andrew	Sun. Nov. 30
Low Sunday	Sun. Apr. 13	1st Sunday in Advent	Sun. Nov. 30
St. George	Wed. Apr. 23	St. Thomas	Sun. Dec. 21
Regation Sunday	Sun. May 11	Christmas Day	Th. Dec. 25

PRINCIPAL HINDU FESTIVALS.

Vikanta Ekadasi	Wed. Jan. 1	Vara Lakshmi Vratam	Fri. July 25
Arudra Darshanam	Sun. Jan. 5	Vajar Vadi Upakarmam	Th. July 31
Shogi Pundagai	Sat. Jan. 11	Rig Vadi Upakarmam	Fri. Aug. 1
Pongal Pundagai	Sun. Jan. 12	Ookula Ashrami	Th. Aug. 7
Tel Amavasya	Mon. Jan. 20	Audi Pundagai	Th. Aug. 14
Maha Siva Ratri	Mon. Feb. 3	Avani Mulam	Mon. Aug. 25
Mongadi Sanni at Tiruvattur	Mon. Feb. 17	Sri Jayanti	Sat. Sep. 6
Holi Pundagai	Wed. Mar. 5	Sama Vadi Upakarmam	Tues. Sep. 16
Telugu New Year's Day	Th. Mar. 6	Pillayar Chavuthi	Th. Sep. 18
Sri Rama Navami	Fri. Mar. 21	Anantha Chaturdasi	Sat. Sep. 27
Rudravaram at Mysapore	Sat. Mar. 29	Mahalaya Amavasya	Mon. Oct. 13
Aravatchavar	Tues. Apr. 1	Saraswathi Pujarabham	Sun. Oct. 19
Pongol Uthirava	Wed. Apr. 2	Avinda Puja	Wed. Oct. 23
Tamil New Year's Day	Fri. Apr. 4	Vijaya Dasami (Dusseerams)	Th. Oct. 23
Karashimha Jayanthi	Sat. Apr. 12	Dipavali Pundagai	Tues. Nov. 1
Garudotsavam at Triplicane	Sat. May 3	Kathara Gowri Vratam	Wed. Nov. 12
Radotsavam at do.	Mon. May 5	Bharani Dipam	Mon. Nov. 24
Garudotsavam at Conjeveram	Fri. May 9	Krithika Dipam	Tues. Nov. 25
Auni Amavasya	Sun. June 1	Vishnu Dipam	Wed. Nov. 26
	Tues. June 17	Vikanta Ekadasi	Mon. Dec. 22
		Arudra Darshanam	Fri. Dec. 25

PRINCIPAL MAHOMEDAN FESTIVALS.

Rattoo Shaheed's Ooroo	Th. Jan. 2	Moharam	Mon. Aug. 13
Kader Waller's Ooroo	Sat. Feb. 1	Esperielvan's Ooroo	Tues. Aug. 26
Yedi Ezzab	Wed. Mar. 19	Thara Pajee	Wed. Sep. 17
Shaba Barath	Sat. Apr. 5	Akhari Chahar-Shirba	Wed. Oct. 15
Ramzan	Mon. Apr. 21	Weladut-i-Shareef or Bara-wafat	Th. Oct. 16
Yedi Ramzan or Kutiba	Wed. May 21	Yazdahood or Garvun	Sat. Nov. 15
Bukmesh	Mon. July 28		

NEW MOON OR AMAVASYA CEREMONIES OF THE HINDUS. FOR 1890.

Month and Day	Tuoli Month and Date	Month and Day	Tuoli Month and Date
January 20, Monday	Tai 9	July 15, Wednesday	Audi 2
February 19, Wednesday	Masi 9	August 15, Friday	Avani 1
March 20, Thursday	Pungundi 8	September 13, Saturday	Avani 20
April 18, Friday	Chittrai 7	October 13, Monday	Parattasi 23
May 18, Sunday	Vysai 6	November 12, Wednesday	Arpei 23
June 17, Tuesday	Anni 5	December 11, Thursday	Kartikai 27

TABLE SHOWING THE CORRESPONDING MONTHS AND DAYS OF THE ENGLISH, TAMIL, TELUGU, AND MAHOMEDAN CALENDAR FOR 1890.

JANUARY.	Mareh & Tol. Dha- mes and Makharan.	Pudyan & Magham.	Jannadi-aval, and Jannadi-aval.	FEBRUARY.	Tol and Mee, Makha- ran and Kumbham.	Magham and Felpu. nam.	Jannadi-aval and Kumbham.	MARCH.	Mad and Pungui, Kumbham and Mi- nam.	Pudyan & Chikram.	Magham and Shaban.	APRIL.	Pudyan & Chikram, Magham and Mi- nam.	Chikram and Vay- sham.	Shaban and Hamzaro.	MAY.	Chikram & Vaysh- ham.	Vaysham and Jyash- sam.	Kumbham & Shuvai.	JUNE.	Vaysham and Audi, Vaysham and Audi.	Mubham.	Vaysham and Ashu- dam.	Shuvai and Zihai.	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
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8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
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30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31

NATIVE CALENDAR.

PART I.

THE SHOWING THE CORRESPONDING MONTHS AND DAYS OF THE ENGLISH, TAMIL, TELUGU, AND MAHOMEDAN CALENDAR FOR 1890.

JUL.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.	
Audi and Audi. Kumbham and Suvai. nam.	Zihai and Zihai. nam.	Audi and Audi. Kumbham and Suvai. nam.	Zihai and Zihai. nam.	Audi and Audi. Kumbham and Suvai. nam.	Zihai and Zihai. nam.	Audi and Audi. Kumbham and Suvai. nam.	Zihai and Zihai. nam.	Audi and Audi. Kumbham and Suvai. nam.	Zihai and Zihai. nam.	Audi and Audi. Kumbham and Suvai. nam.	Zihai and Zihai. nam.
1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3
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5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6
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8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11
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28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30
31	31	31	31	31	31	31	31	31	31	31	31

CALENDAR.]

NATIVE CALENDAR.

TABLE SHOWING THE MEAN TIME OF THE SUN'S CULMINATION FOR 1890.

DATE.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
1	12 13 48	12 13 50	12 12 31	12 11 58	11 57 0	11 57 32	12 3 21	12 6 6	11 59 55	11 49 41	11 43 40	11 40 9
2	12 13 46	12 13 50	12 12 31	12 11 58	11 56 58	11 57 41	12 3 42	12 6 2	11 59 53	11 49 22	11 43 39	11 40 55
3	12 13 44	12 13 50	12 12 31	12 11 58	11 56 56	11 57 50	12 3 53	12 5 57	11 59 17	11 49 3	11 43 30	11 40 55
4	12 13 42	12 13 50	12 12 31	12 11 58	11 56 54	11 58 0	12 4 4	12 5 52	11 58 27	11 48 27	11 43 21	11 40 55
5	12 13 40	12 13 50	12 12 31	12 11 58	11 56 52	11 58 11	12 4 15	12 5 40	11 58 17	11 48 3	11 43 12	11 40 55
6	12 13 38	12 13 50	12 12 31	12 11 58	11 56 50	11 58 22	12 4 25	12 5 30	11 57 57	11 47 52	11 43 3	11 40 55
7	12 13 36	12 13 50	12 12 31	12 11 58	11 56 48	11 58 32	12 4 35	12 5 20	11 57 37	11 47 35	11 43 30	11 40 55
8	12 13 34	12 13 50	12 12 31	12 11 58	11 56 46	11 58 43	12 4 44	12 5 10	11 57 17	11 47 19	11 43 35	11 40 55
9	12 13 32	12 13 50	12 12 31	12 11 58	11 56 44	11 58 53	12 4 53	12 5 0	11 56 56	11 47 2	11 43 41	11 40 55
10	12 13 30	12 13 50	12 12 31	12 11 58	11 56 42	11 59 6	12 5 2	12 4 50	11 56 35	11 46 48	11 43 48	11 40 55
11	12 13 28	12 13 50	12 12 31	12 11 58	11 56 40	11 59 18	12 5 10	12 4 31	11 56 14	11 46 22	11 43 55	11 40 55
12	12 13 26	12 13 50	12 12 31	12 11 58	11 56 38	11 59 30	12 5 18	12 4 21	11 55 53	11 46 18	11 44 3	11 40 55
13	12 13 24	12 13 50	12 12 31	12 11 58	11 56 36	11 59 41	12 5 26	12 4 11	11 55 32	11 46 4	11 44 12	11 40 55
14	12 13 22	12 13 50	12 12 31	12 11 58	11 56 34	11 59 52	12 5 34	12 4 0	11 55 11	11 45 58	11 44 22	11 40 55
15	12 13 20	12 13 50	12 12 31	12 11 58	11 56 32	12 0 0	12 5 42	12 3 50	11 54 50	11 45 28	11 44 38	11 40 55
16	12 13 18	12 13 50	12 12 31	12 11 58	11 56 30	12 0 8	12 5 50	12 3 40	11 54 29	11 45 14	11 44 5	11 40 55
17	12 13 16	12 13 50	12 12 31	12 11 58	11 56 28	12 0 16	12 6 0	12 3 30	11 54 0	11 45 0	11 44 17	11 40 55
18	12 13 14	12 13 50	12 12 31	12 11 58	11 56 26	12 0 24	12 6 8	12 3 20	11 53 47	11 44 48	11 44 25	11 40 55
19	12 13 12	12 13 50	12 12 31	12 11 58	11 56 24	12 0 32	12 6 16	12 3 10	11 53 35	11 44 38	11 44 33	11 40 55
20	12 13 10	12 13 50	12 12 31	12 11 58	11 56 22	12 0 40	12 6 24	12 3 0	11 53 23	11 44 28	11 44 41	11 40 55
21	12 13 8	12 13 50	12 12 31	12 11 58	11 56 20	12 0 48	12 6 32	12 2 50	11 53 11	11 44 18	11 44 49	11 40 55
22	12 13 6	12 13 50	12 12 31	12 11 58	11 56 18	12 0 56	12 6 40	12 2 40	11 52 59	11 44 8	11 44 57	11 40 55
23	12 13 4	12 13 50	12 12 31	12 11 58	11 56 16	12 1 4	12 6 48	12 2 30	11 52 47	11 43 58	11 45 5	11 40 55
24	12 13 2	12 13 50	12 12 31	12 11 58	11 56 14	12 1 12	12 6 56	12 2 20	11 52 35	11 43 48	11 45 13	11 40 55
25	12 13 0	12 13 50	12 12 31	12 11 58	11 56 12	12 1 20	12 7 4	12 2 10	11 52 23	11 43 38	11 45 21	11 40 55
26	12 12 58	12 13 50	12 12 31	12 11 58	11 56 10	12 1 28	12 7 12	12 2 0	11 52 11	11 43 28	11 45 29	11 40 55
27	12 12 56	12 13 50	12 12 31	12 11 58	11 56 8	12 1 36	12 7 20	12 1 50	11 51 59	11 43 18	11 45 37	11 40 55
28	12 12 54	12 13 50	12 12 31	12 11 58	11 56 6	12 1 44	12 7 28	12 1 40	11 51 47	11 43 8	11 45 45	11 40 55
29	12 12 52	12 13 50	12 12 31	12 11 58	11 56 4	12 1 52	12 7 36	12 1 30	11 51 35	11 42 58	11 45 53	11 40 55
30	12 12 50	12 13 50	12 12 31	12 11 58	11 56 2	12 2 0	12 7 44	12 1 20	11 51 23	11 42 48	11 46 1	11 40 55
31	12 12 48	12 13 50	12 12 31	12 11 58	11 56 0	12 2 8	12 7 52	12 1 10	11 51 11	11 42 38	11 46 9	11 40 55

TABLE SHOWING THE EQUATION OF TIME FOR THE YEAR 1890, FOR INDIA.

DATE.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
1	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
2	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
3	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
4	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
5	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
6	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
7	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
8	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
9	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
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18	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
19	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13
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31	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13	3 42 13

RISING AND SETTING OF THE FIVE PRINCIPAL PLANETS FOR 1890.
AT MADRAS.

Months and Days.	MERCURY.		VENUS.		MARS.		JUPITER.		SATURN.	
	Rises	Sets	Rises	Sets	Rises	Sets	Rises	Sets	Rises	Sets
	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.	After.	Morn.
1890.	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>
Jan. 1	7 25	7 5	5 33	4 53	1 19	1 5	6 53	6 15	9 25	9 15
11	7 42	7 10	5 50	5 8	1 2	0 44	6 24	5 46	8 45	9 15
21	7 23	7 1	6 2	5 24	0 46	0 24	5 54	5 16	8 3	8 33
31	6 8	5 44	6 14	5 40	0 30	Morn.	5 24	4 48	7 21	7 52
Feb. 10	5 8	4 35	6 21	5 55	After.	11 43	4 55	4 17	6 58	7 10
20	4 44	4 14	6 27	6 9	11 49	11 21	4 24	3 48	5 56	6 28
Mar. 2	4 43	4 18	6 29	6 31	11 29	10 59	3 52	3 18	5 13	5 46
12	5 0	4 38	6 32	6 32	11 6	10 35	3 22	2 48	4 31	5 3
22	5 16	5 5	6 35	6 11	10 42	10 9	2 49	2 17	4 48	4 23
April. 1	5 35	5 37	6 36	6 53	10 14	9 41	2 16	1 44	3 7	3 41
11	6 0	5 20	6 38	7 4	9 43	9 8	1 43	1 11	2 26	3 0
21	6 30	7 6	6 41	7 17	9 7	8 33	1 8	0 38	1 46	2 20
May. 1	6 52	7 40	6 49	7 31	8 26	7 51	After.	Morn.	1 7	1 41
11	6 53	7 45	6 53	7 46	7 40	7 5	11 53	11 27	Morn.	1 2
21	6 23	7 13	7 9	8 1	6 48	6 14	11 16	10 49	11 50	After.
31	5 33	6 13	7 2	8 16	5 54	5 20	10 37	10 11	11 12	11 42
June. 10	4 41	5 17	7 36	8 28	5 1	4 26	9 57	9 31	10 23	11 2
20	4 19	4 59	7 52	8 38	4 11	3 35	9 16	8 50	10 0	10 28
30	4 12	4 54	8 5	8 45	3 26	2 50	8 33	8 7	9 24	9 52
July. 10	4 58	5 38	8 16	8 48	2 47	2 11	7 50	7 24	8 48	9 16
20	5 20	6 18	8 20	8 50	2 14	1 47	7 6	6 39	8 14	8 40
30	6 22	7 0	8 33	8 49	1 48	1 6	6 22	5 54	7 39	8 5
Aug. 9	7 0	7 24	8 40	8 46	1 24	0 42	5 38	5 9	7 5	7 29
19	7 24	7 36	8 46	8 42	1 4	0 20	4 54	4 25	6 31	6 55
29	7 37	7 35	8 59	8 38	0 48	After.	4 11	3 41	5 57	6 19
Sep. 8	7 35	7 25	8 56	8 34	0 33	11 46	3 28	2 50	5 23	5 45
18	7 0	6 55	9 0	8 30	0 29	11 32	2 47	2 17	4 49	5 9
28	6 2	6 54	9 3	8 25	Morn.	11 21	2 7	1 37	4 14	4 34
Oct. 8	4 53	4 57	9 5	8 19	11 58	11 12	1 28	0 58	3 89	3 50
18	4 42	4 44	9 2	8 12	11 46	11 2	0 51	After.	3 5	3 23
28	5 4	4 54	8 52	8 0	11 35	10 56	Morn.	11 41	2 20	2 47
Nov. 7	5 31	5 11	8 30	7 38	11 26	10 48	11 40	11 6	1 52	2 13
17	6 1	5 29	7 52	7 2	11 15	10 41	11 5	10 48	1 45	1 33
27	6 31	5 51	6 58	6 10	11 0	10 36	10 32	10 0	0 40	0 58
Dec. 7	6 58	6 9	5 50	5 12	10 50	10 26	10 10	9 26	After.	Morn.
17	7 31	6 45	4 49	4 17	10 36	10 18	9 28	8 56	11 20	11 42
27	7 45	7 7	4 5	3 37	10 22	10 10	8 56	8 28	10 41	11 3
31	7 44	7 8	3 52	3 34	10 16	10 6	8 43	8 15	10 26	10 48

ECLIPSES OF JUPITER'S SATELLITES OBSERVABLE IN INDIA,
FOR 1890.

1890.	Madras Mean Time.	Satellite	Pheno- mena.	1890.	Madras Mean Time.	Satellite	Pheno- mena.
Feb. 15	<i>h. m. s.</i> 4 14 11 Morn.	I	Disap.	Aug. 23	<i>h. m. s.</i> 1 54 27 Morn.	I	Reap.
Mar. 10	4 24 21 "	I	"	28	10 50 14 After.	I	"
28	3 48 54 "	II	"	30	4 30 40 Morn.	II	"
26	2 47 56 "	III	"	30	10 9 55 After.	III	"
Apr. 18	2 50 20 "	I	"	Sep. 6	7 14 10 "	I	"
24	3 22 26 "	II	"	7	2 10 40 Morn.	III	"
25	4 44 9 "	I	"	8	7 28 18 After.	IV	"
May 1	2 7 5 "	III	Reap.	9	8 25 20 "	II	"
1	5 56 14 "	II	Disap.	13	9 9 25 "	I	"
4	1 6 30 "	I	"	14	2 39 40 Morn.	III	Disap.
8	2 41 53 "	III	"	16	11 2 8 After.	II	Reap.
11	3 0 21 "	I	"	20	11 4 43 "	I	"
18	4 54 15 "	I	"	24	1 39 10 Morn.	II	"
19	0 20 30 "	II	"	29	7 38 55 After.	I	"
26	2 54 11 "	II	"	Oct. 1	4 16 25 Morn.	II	"
27	1 46 39 "	I	"	6	9 24 17 After.	I	"
31	2 13 34 "	IV	"	11	8 12 56 "	II	"
June 2	5 27 53 "	II	"	12	3 8 48 Morn.	IV	"
3	3 10 39 "	I	"	12	10 17 33 After.	III	"
5	10 4 56 After.	III	Reap.	13	11 19 39 "	I	"
10	5 4 43 Morn.	I	Disap.	18	10 50 41 "	II	"
11	11 33 14 After.	I	"	19	10 45 35 "	III	Disap.
12	11 37 31 "	III	"	20	2 18 31 Morn.	III	Reap.
13	2 5 18 Morn.	III	"	26	1 28 35 "	II	"
17	0 41 46 "	IV	Reap.	27	2 46 42 "	III	Disap.
18	1 27 26 "	I	Disap.	28	9 19 54 After.	IV	"
19	11 52 25 After.	II	"	29	2 2 39 Morn.	IV	Reap.
20	2 27 2 Morn.	III	"	Nov. 2	4 6 30 "	II	"
26	8 21 43 "	I	"	5	11 34 30 After.	I	"
27	2 26 25 "	II	"	12	8 3 24 "	II	"
27	9 50 13 "	I	"	14	8 14 11 "	II	"
July. 4	5 0 33 "	II	"	17	6 24 11 "	III	"
4	11 44 35 After.	I	"	19	10 41 44 "	II	"
13	8 7 43 "	I	"	21	9 54 51 "	I	"
14	8 52 6 "	I	"	24	10 25 39 "	III	"
19	8 33 36 Morn.	I	"	27	1 20 3 Morn.	II	"
20	10 2 14 After.	I	"	29	11 49 2 After.	I	"
21	11 26 42 "	II	"	Dec. 1	10 53 25 "	III	Disap.
25	10 35 33 "	II	"	2	2 16 34 Morn.	III	Reap.
27	11 57 0 "	I	"	4	3 38 26 "	II	"
29	2 1 31 Morn.	II	"	6	1 44 9 "	I	"
Aug. 5	10 36 24 After.	I	Reap.	9	2 54 14 "	III	Disap.
8	8 42 46 "	II	"	14	7 56 34 After.	II	Reap.
13	0 31 18 Morn.	I	"	14	10 7 54 "	I	"
15	11 18 20 After.	II	"	18	3 53 48 Morn.	IV	Disap.
21	8 55 8 "	I	"	21	10 34 59 After.	II	Reap.
22	8 40 40 "	IV	Disap.	29	0 13 21 Morn.	II	"
23	1 17 17 Morn.	IV	Reap.	29	1 57 52 "	I	"
				30	6 30 48 After.	III	"

HOLIDAYS ALLOWED IN GOVERNMENT OFFICES.

In their Notification, dated 23rd March 1891, published on page 605 of the *Fort Saint George Gazette* of the same date, the Government direct that no holidays be granted at any of their Offices which are not entered in the following list. But this does not interfere with the holiday on the last Saturday in the month, granted in some offices.

GENERAL.		VAISHNAVA SECT.	
Christmas with New Year's Day.....	8 days.	Triplance Fast in April.....	1 day.
Easter.....	4	Sri Jayanti.....	1
Queen's Birthday.....	1 day.	SAIVA SECT.	
CHRISTIANS.		Maha Siva Ratri.....	1 day.
Ash Wednesday.....	1 day.	TELEGU.	
Ascension Day.....	1	New Year's Day.....	1 day.
ROMAN CATHOLICS.		TAMIL.	
Corpus Christi Day.....	1 day.	New Year's Day.....	1 day.
HINDUS.		WEAVING THREAD.	
Pongul.....	2 days.	Avani Avittam.....	1 day.
Mahashiva Amavasya.....	1 day.	MAHOMEDANS.	
Tasara Fast (Ayada Paja).....	1	Bakar Id.....	2 days.
Dipavali Fast.....	1	Muharram.....	4
Lunar Eclipse.....	1	Shab-i-Razvi.....	1 day.
Solar do.....	1	Id Ramazan.....	2 days.
Mukhoti Ekadasi or Vaikuntha Ekadasi.....	1		

COMMERCIAL HOLIDAYS, 1890.

Pongal, 1 day—Monday the 18th January.	Dussehra, 1 day—Wednesday, the 22nd Oct.
Easter, 4 days—Friday to Tuesday, 4th to 8th April, both days inclusive.	Prince of Wales' Birthday, 1 day—Monday, 10th November.
Queen's Birthday, 1 day—Saturday 24th May.	Dipavali, 1 day—Tuesday, the 11th Nov.
Whitsuntide, 3 days—Monday and Tuesday, 26th and 27th May.	Christmas, 5 days—Thursday, 25th Dec. to Tuesday the 30th December.
Avani Avittam, 1 day—Thursday, 31st July.	New Year, 3 days—Thursday to Saturday, 1st to 3rd January 1891, both days inclusive.
Mahashiva Amavasya, 1 day—13th October.	

ECLIPSES IN THE YEAR 1890.

There will be two Eclipses of the Sun and one of the Moon.

I. June 17th, Tuesday.—An Annular Eclipse of the Sun, partially visible at Madras

	<i>h.</i>	<i>m.</i>	
Beginning of the Eclipse.....	4	0	After.
Time of greatest obscuration.....	5	14	"
End of the Eclipse, just after sunset.....	6	28	"
Angle from North Point.....	{ At beginning 63° towards West. At ending 73° towards East.		
Angle from Vertex.....	{ At beginning 151° towards right. At ending 3° towards right.		

Magnitude of the Eclipse (Sun's diameter = 1) 0.675.

The line of central and annular phase commences in the Atlantic Ocean; crosses the Sahara and Tripoli in Africa; touches the north of Orute; crosses the south of Asia Minor, the north of Afghanistan, the Punjab, Bengal, North Borneo and ends in China.

II. November 26th, Wednesday.—A partial Eclipse of the Moon, visible at Madras.

	<i>h.</i>	<i>m.</i>
First contact with Shadow.....	6	53
Middle of the Eclipse.....	6	55
Last contact with Shadow.....	7	0
Magnitude of the Eclipse (Moon's diameter = 1) 0.002		

The first contact with the Shadow occurs at 14° from northernmost point of the Moon's limb towards the West. The last contact at 19° towards the West; in each case, for direct image. The very small extent of this eclipse will render it only perceptible by the diminution of light at the Moon's north point.

III. December 12th, Friday.—A Total Eclipse of the Sun the central line of which commences a little east of Madagascar but pursues its almost inaccessible course across the Indian, Southern, and South Pacific Oceans. It will be invisible at Madras but will be seen as a very small partial eclipse in Travancore, Madras, Tinnevely and Ceylon. At Cape Comorin it will begin a few minutes before sunrise and will end about 6½ A.M., the magnitude of the eclipse being only 0.07 and a very small segment of the Sun's north limb being obscured in consequence. It will also be seen as a partial eclipse throughout the southern half of Australia.

* When between 8 A.M. and 6 P.M.

PLANETARY PHENOMENA, 1890.

MERCURY will be an evening star until January 25th; a morning star until April 5th; an evening star till May 25th; a morning star till July 25th; an evening star till September 25th; a morning star till November 20th, and an evening star for the rest of the year. When the Sun is between the Earth and Mercury, that is, when the planet is in superior conjunction, he appears perfectly round but very small, not more than 5" in diameter; but when in the opposite portion of his orbit or near his inferior conjunction, he presents the form of a slender and brilliant crescent, nearly 12" in diameter.

VENUS will be a morning star until January 31st, and will not be visible during part of February. She will be an evening star till the end of November and a morning star for the rest of the year. She will be gibbous during the months of July and August and for the remaining portion of the year, she will appear nearly round with an apparent diameter of about 15". She will be in superior conjunction with the Sun on February 17th.

MARS will be in quadrature with the Sun on February 9th and September 21st. He will be in opposition to the Sun on May 17th, and stationary on April 22nd and July 4th. When near his opposition to the Sun, his apparent diameter will be about 22", and he will shine very brilliantly. He will be a morning star during January, an evening star from the middle of February to the middle of May; a morning star until the middle of August and an evening star till the end of the year. Mars was supposed until the year 1877, not to be attended by any satellite; but the Washington Observatory, United States, having been then supplied with a new telescope, with an object glass 26 inches in diameter, two moons were found to be attendant on him by Professor Hall, who had charge of this gigantic instrument. In the opposition of this year these two satellites may possibly be seen even with a much smaller telescope.

JUPITER will be a morning star from the latter part of January to the end of July and an evening star for the rest of the year. He will be in quadrature with the Sun on April 30th and October 26th; stationary on May 30th and September 28th, and in opposition to the Sun on July 30th with an apparent diameter of 45". He will be in conjunction with the Sun on January 9th, the satellites not then being observable for some time before and after that date. He will be well situated for observation during the latter part of the year. His interesting belts and the phenomena of his four satellites are well worthy of examination. Any good pocket telescope will, if steadily supported, render the satellites and their eclipses visible. When both the disappearance and reappearance of a satellite are given, it must be remembered that the phenomena take place on the same side of the planet, but the reappearance always to the east of the spot at which the satellite vanished. (for eclipses, see page 9).

SATURN will be a morning star in January; an evening star from March to the middle of August; and a morning star to the rest of the year. He will be in opposition to the Sun on February 19th, with an apparent diameter of 18", and will be well situated for observation in March, April and May. He will be stationary on April 29th and December 18th, and in quadrature with the Sun on May 18th and December 9th. The beautiful system of rings that generally renders Saturn the most attractive object in heavens, will be seen about March when the rings will be 45° in apparent length, but even then only 6" broad, while by the end of the year they will have closed up to a mere bright line, threaded above and below by his numerous satellites, but the ring will be an extremely difficult object even for moderately large telescope at that time.

URANUS will be in opposition to the Sun on April 14th, in Right Ascension 12h 32m, and South Declination 8° 59', when he may be seen as a star of the sixth magnitude, the faintest visible without telescopic aid in the absence of moonlight. His apparent diameter is usually 4". He will be in quadrature with the Sun on January 16th and July 15th; stationary on January 31st and June 1st; and in conjunction with the Sun on October 20th. Only four satellites have yet been discovered in attendance upon Uranus.

NEPTUNE will be in opposition to the Sun on November 27th, in Right Ascension 4h 15m, and North Declination 19° 34'. His diameter does not exceed 3.5", and only one satellite has yet been discovered attending on him. When compared with the fixed stars, he is about the eighth magnitude. Uranus and Neptune are both visible as stars with any small glass, when their positions are well known, though they are only distinguishable as planets with discs, by the aid of superior instruments charged with magnifying powers, and their satellites are of course invisible except with a few of the largest telescopes in the world.

The minor planets between Mars and Jupiter are now nearly three hundred in number, all of which, except four, have been discovered within the last 4 years. The only one ever visible to the unaided sight is Vesta, which under certain conditions, can, for a brief time when near opposition, acquire a brilliancy equal to stars of the fifth magnitude.

PHASES OF THE MOON.

○ Full Moon.....	d. h. m.	● New Moon.....	d. h. m.
○ Last Quarter.....	6 10 58 Morn.	● First Quarter.....	21 5 10 Morn.
	14 11 51 Morn.		28 1 57 Morn.

☾ Apogee..... 6 5 — After | ☾ Perigee..... 20 8 — After.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN					THE MOON							
				Rises	Sets	Rises	Culmi	Sets	Rises	Sets	Rises	Culmi	Sets			
								Morn.	After.	After.	After.	Morn.				
								h. m.	h. m.	h. m.	h. m.	h. m.				
			assumed title of Empress, 1879.	6	24	5	43	2	11	8	34	2	9			
1	Wed	19	CIRCUMCISION.—QUEEN VICTORIA	6	25	5	44	2	52	9	19	2	59			
2	Thur	20	Lord Ripon returned from Burmah, '82	6	25	5	44	3	30	10	7	3	48			
3	Fri	21	Douglas Farquhar born, 1802	6	25	5	45	4	22	10	55	4	39			
4	Sat	22	Irrawadi forced by the British, 1842	6	25	5	45	5	10	11	44	5	30			
5	SUN	23	2ND SUNDAY AFTER CRISTMAS.	6	25	5	46	6	0	Morn.	6	19				
6	Mon	24	EPIPHANY	6	26	5	47	6	49	0	35	7	8			
7	Tues	25	Cabul Massacre, 1842	6	26	5	47	7	39	1	22	7	54			
8	Wed	26	Prince Albert Victor of Wales b. '64.	6	27	5	48	8	29	2	9	8	38			
9	Thur	27	Emperor Napoleon III. died, 1879	6	27	5	48	9	18	2	55	9	19			
10	Fri	28	Cape of Good Hope captured, 1806	6	27	5	49	10	6	3	39	9	59			
11	Sat	29	Capture of Trincomillee, 1705.	6	28	5	50	10	54	4	23	10	58			
12	SUN	1	1ST SUNDAY AFTER EPIPHANY. (1849.	6	28	5	50	11	43	5	6	11	16			
13	Mon	2	St. Hilary.—Battle of Chillianwallah,	6	28	5	51	Morn.	6	41	After.					
14	Tues	3	Insurrection at Benares, 1799.	6	28	5	51	0	35	6	47	0	38			
15	Wed	4	Madras University opened, 1853.	6	28	5	52	1	28	7	27	1	22			
16	Thur	5	Battle of Corunna, 1809	6	28	5	52	2	20	8	21	2	15			
17	Fri	6	Duke of Buckingham died, 1839.	6	29	5	53	3	25	9	20	3	11			
18	Sat	7	Bombay stormed, 1825	6	29	5	53	4	33	10	28	4	13			
19	SUN	8	2ND SUNDAY AFTER EPIPHANY.	6	29	5	54	5	38	11	28	5	19			
20	Mon	9	St. Fabian's Day	6	29	5	54	6	41	After.	6	25				
21	Tues	10	St. Agnes' Day.	6	29	5	55	7	30	1	44	7	30			
22	Wed	11	Ch. Keen died, 1808	6	29	5	55	8	33	2	31	8	31			
23	Thur	12	Duke of Kent died, 1820	6	29	5	56	9	22	3	23	9	26			
24	Fri	13	Mutiny at Barrackpore, 1857	6	29	5	56	10	6	4	16	10	22			
25	Sat	14	Conversion of St. Paul	6	29	5	57	10	48	4	59	11	14			
26	SUN	15	3RD SUNDAY AFTER EPIPHANY	6	29	5	57	11	28	5	45	Morn.				
27	Mon	16	Prince Fred. Wm. of Prussia born, '59.	6	29	5	58	After.	0	31	0	5				
28	Tues	17	Battle of Alwaul, 1846	6	29	5	59	0	51	7	17	0	55			
29	Wed	18	King George III. died, 1820.	6	28	5	55	1	34	8	8	1	44			
30	Thur	19	Mangalore retaken by Tipu, 1784	6	28	6	0	2	12	8	51	2	53			
31	Fri	20	Vellore Mutiny, 1807.													

PHENOMENA.

d. h.	
Jan. 2	— Noon.—Sun in Apogee.
10 8	Morn.—Moon in conjunction with Saturn.....Moon 3 8 N.
10 10	Morn.—Jupiter in conjunction with Sun.....18 31 E.
14 8	— Mercury at greatest elongation.....Moon 3 7 N.
15 11	Morn.—Moon in conjunction with Mars.....Venus 0 26 S.
19 4	After.—Venus in conjunction with Jupiter.....Moon 1 32 S.
20 1	After.—Mercury stationary.
20 3	After.—Moon in conjunction with Jupiter.....Moon 1 0 S.
20 4	After.—Moon in conjunction with Venus.....Moon 5 23 S.
22 3	Morn.—Moon in conjunction with Mercury.....Appt. dia. 6°.
29	Midnight.—Mercury in inferior conjunctions,

PHASES OF THE MOON.

○ Full Moon.....	d. h. m.	● New Moon.....	d. h. m.
○ Last Quarter.....	5 34 Morn.	● First Quarter.....	19 5 49 After.
	13 12 Morn.		26 7 27 After.

☾ Apogee..... 2 — After. | ☾ Perigee..... 18 7 — Morn.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Sets	Rises	Culm	Sets
				Morn.	After.	After.	After.	Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Sat	21	Mysore State Railway opened, 1881.... [the B. V. Mary.	6 28	5 0	3 6	9 40	3 25
2	SUN	22	SEPTUAGESIMA SUN.—Purification of	6 28	5 0	3 55	10 30	4 15
3	Mon	23	Saint Blasius, Bp. and Martyr.....	6 28	5 0	4 45	11 19	5 4
4	Tues	24	Battle of Ningpo, 1819	6 28	5 1	5 35	Morn.	5 51
5	Wed	25	Bishop Corrie died, 1837.....	6 27	5 1	6 25	0 6	6 36
6	Thur	26		6 27	5 2	7 15	0 52	7 18
7	Fri	27	Decennial Census taken, 1881. [1872.	6 27	5 2	8 3	1 38	7 59
8	Sat	28	Lord Mayo assassinated at Port Blair,	6 27	5 2	8 51	2 22	8 38
9	SUN	29	SEXAGESIMA SUNDAY.....	6 26	5 3	9 40	3 5	9 16
10	Mon	30	QUEEN VICTORIA married, 1840.....	6 26	5 3	10 30	3 49	9 55
11	Tues	1		6 26	5 3	11 21	4 34	10 35
12	Wed	2	Hail Storm at Benares, 1821.....	6 26	5 4	Morn.	5 21	11 19
13	Thur	3		6 25	5 4	0 16	6 12	After.
14	Fri	4	St. Valentine's Day.....	6 25	5 4	1 14	7 7	0 58
15	Sat	5	Treaty of Lahore, 1846.....	6 24	5 5	2 15	8 5	1 55
16	SUN	6	QUINQUAGESIMA (SHROVE SUNDAY)....	6 24	5 5	3 18	9 7	2 37
17	Mon	7	Battle of Meccan (Scinde), 1843.....	6 24	5 5	4 21	10 13	4 2
18	Tues	8	Luther died, 1546	6 23	5 5	5 21	11 12	5 7
19	Wed	9	ASH WEDNESDAY.....	6 23	5 5	6 16	After.	6 10
20	Thur	10	Pandjore capt. by Lord Cornwallis.	6 23	5 5	7 8	1 7	7 10
21	Fri	11	Battle of Gujerat, 1849.....[1791.	6 22	5 6	7 55	2 0	8 7
22	Sat	12	Sir Charles Lyall died, 1875.....	6 22	5 6	8 39	3 33	9 1
23	SUN	13	QUADRAGESIMA (1ST SUNDAY IN LENT).	6 21	5 7	9 31	3 36	9 54
24	Mon	14	St. Matthias' Day.....	6 21	5 7	10 4	4 23	10 46
25	Tues	15	Naparte escaped from Elba, 1815.....	6 20	5 7	10 46	5 10	11 37
26	Wed	16	Tippu's sons delivered as hostages.	6 20	5 7	11 29	5 58	Morn.
27	Thur	17	Longfellow born, 1807.....[1792.	6 19	5 7	After.	6 46	0 29
28	Fri	18	Nepalese defeated, 1815.....	6 18	5 8	1 1	7 35	1 20

PHENOMENA.

d. h.	
Feb. 6 11	*Morn.—Moon in conjunction with Saturn.....Moon 2 53 N.
10 4	Morn.—Mars in quadrature to Sun.
10 5	After.—Mercury stationary.
12 8	After.—Moon in conjunction with Mars.....Moon 2 1 N.
17 11	Morn.—Moon in conjunction with Jupiter.....Moon 2 5 S.
17 6	After.—Moon in conjunction with Mercury.....Moon 3 49 S.
18 4	After.—Venus in superior conjunction—App. dia. 9°6'.
19 9	Morn.—Saturn in opposition to Sun—App. dia. 18°.
19 2	After.—Moon in conjunction with Venus.....Moon 3 9 S.
24 3	Morn.—Mercury at greatest elongation.....26 50 W.

PHASES OF THE MOON.

Full Moon.....	d. h. m.	New Moon.....	d. h. m.
7 0 9 Morn.		21 2 22 Morn.	
Last Quarter.....	14 9 25 Morn.	First Quarter.....	28 2 33 After.

Apogee.....	2 8 -- Morn.	Apogee.....	30 5 -- Morn.
Perigee.....	18 6 -- Morn.		

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Sets	Rises	Culm.	Sets
				Morn.	After.	After.	After.	Morn.
				<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>
1	Sat	19	St. David's Day	6 17	6 8	1 50	8 25	2 10
2	SUN	20	2ND SUNDAY IN LENT.....	6 17	6 8	2 39	9 14	2 59
3	Mon	21	Buonaparte lauded from Elba, 1815.....	6 16	6 8	3 30	10 2	3 47
4	Tues	22	War declared against Barwah, 1834.....	6 16	6 8	4 20	10 49	4 39
5	Wed	23	H.H. Maharajah of Mysore born, 1863.....	6 15	6 8	5 10	11 35	5 16
6	Thur	24	Battle with Tipu in Coorg, 1799.....	6 14	6 8	6 0	Morn.	5 57
7	Fri	25	Siege of Bangalore, 1791.....	6 14	6 9	6 48	9 19	6 57
8	Sat	26	Last Indian Budget read, 1882.....	6 13	6 9	7 37	1 3	7 16
9	SUN	27	3RD SUNDAY IN LENT.....	6 13	6 9	8 27	1 47	7 55
10	Mon	28	Prince of Wales married, 1863.....	6 12	6 9	9 18	2 32	8 56
11	Tues	29	Sir James Outram died, 1863.....	6 11	6 9	10 12	3 19	9 17
12	Wed	30	End of Nepal War, 1816.....	6 11	6 9	11 8	4 8	10 3
13	Thur	1	Czar Alexander II. assassinated, 1881.....	6 10	6 9	Morn.	5 1	10 52
14	Fri	2	Attended Presy. S. C. Ct. Act passed.....	6 9	6 9	6 7	5 57	11 47
15	Sat	3	Elec. Light first tried in Bombay, '82.....	6 9	6 9	1 8	6 57	After.
16	SUN	4	4TH SUNDAY IN LENT.....	6 8	6 9	2 9	7 58	1 48
17	Mon	5	St. Patrick's Day	6 7	6 10	3 8	8 58	2 50
18	Tues	6	Princess Louise born, 1849.....	6 7	6 10	4 3	9 57	3 52
19	Wed	7	Treaty with Tipu signed, 1792.....	6 6	6 10	4 55	10 53	4 52
20	Thur	8	Capture of Bangalore, 1791.....	6 5	6 10	5 48	11 45	5 50
21	Fri	9	St. Demetrius.—Battle of Alexandria 1101.....	6 5	6 10	6 38	After.	6 48
22	Sat	10	William I. of Prussia born, 1797.....	6 4	6 10	7 12	1 25	7 40
23	SUN	11	5TH SUNDAY IN LENT.....	6 4	6 10	7 55	2 13	8 33
24	Mon	12	Battle of Hyderabad (Scinde), 1843.....	6 3	6 10	8 57	3 0	9 25
25	Tues	13	Annunciation, B. V. M., or Lady Day.....	6 2	6 10	9 21	3 49	10 18
26	Wed	14	Duke of Cambridge born, 1819.....	6 2	6 10	10 7	4 38	11 11
27	Thur	15	Battle of Malavelly in Coorg, 1799.....	6 1	6 10	10 54	5 28	Morn.
28	Fri	16	Prince Leopold died, 1884.....	6 0	6 10	11 42	6 18	0 2
29	Sat	17	Punjab annexed, 1849.....	5 59	6 10	After.	7 7	0 68
30	SUN	18	Palm Sunday.....	5 59	6 10	1 22	7 56	1 41
31	Mon	19	Madras troops emb. for Barwah, 1852.....	5 58	6 10	2 13	8 43	2 23

PHENOMENA.

d. h.	
Mar. 5	9 Morn.—Mars in conjunction with β Scorpi
5	1 After.—Moon in conjunction with Jupiter
12	Midnight.—Moon in conjunction with Mars
17	5 Morn.—Moon in conjunction with Jupiter
19	4 After.—Moon in conjunction with Mercury
20	9 After.—Spring commences.....
21	1 After.—Moon in conjunction with Venus.....

PHASES OF THE MOON.

Full Moon.....	d. h. m.	New Moon.....	d. h. m.
5 2 46 After.		19 1 26 After.	
Last Quarter.....	12 4 14 After.	First Quarter.....	27 10 13 Morn.

Perigee.....	13 11 -- After.	Apogee.....	26 11 -- After.
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Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Sets	Rises	Culm.	Sets
				Morn.	After.	After.	After.	Morn.
				<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>	<i>h. m.</i>
1	Tues	20	Expedition against Ahwaz, 1857.....	5 57	6 10	3 2	9 29	3 12
2	Wed	21	Mandlay Mission left for Calcutta, '82.....	5 57	6 10	3 52	10 14	3 54
3	Thur	22		5 56	6 10	4 41	10 59	4 34
4	Fri	23	GOOD FRIDAY.—St. Andrew.....	5 56	6 11	5 30	11 43	5 14
5	Sat	24	Anti-Chinese Bill vetoed in New York, 1882.....	5 55	6 11	6 20	Morn.	5 53
6	SUN	25	EASTER SUNDAY.....	5 54	6 11	7 12	0 27	6 32
7	Mon	26	Prince Leopold born, 1853.....	5 54	6 11	8 6	1 16	7 15
8	Tues	27		5 53	6 11	9 3	2 4	8 0
9	Wed	28	Lord Bacon died, 1626.....	5 52	6 11	10 2	2 57	8 49
10	Thur	29	Annexation of Coorg, 1831.....	5 51	6 11	11 7	3 53	9 42
11	Fri	30	Volunteer Review at Portsmouth, '82.....	5 51	6 11	Morn.	4 51	10 40
12	Sat	1	British prisoners released by King Theodore, 1868.....	5 50	6 11	0 8	5 51	11 40
13	SUN	2	1st SUNDAY AT EASTER.—LOW SUNDAY.....	5 50	6 11	1 2	6 51	After.
14	Mon	3	Princess Beatrice born, 1857.....	5 49	6 11	1 38	7 49	1 43
15	Tues	4	Battle of Malour, 1816.....	5 49	6 12	2 49	8 44	2 42
16	Wed	5	First Railway opened at Bombay, '53.....	5 48	6 12	3 37	9 37	3 39
17	Thur	6	Benjamin Franklin died, 1790.....	5 47	6 12	4 22	10 27	4 21
18	Fri	7	Tamra Topee executed at Sepric, '53.....	5 47	6 12	5 3	11 15	5 28
19	Sat	8	Earl of Beaconsfield died, '81, aged 76.....	5 46	6 12	5 47	After.	6 21
20	SUN	9	2ND SUNDAY AFTER EASTER.....	5 46	6 12	6 20	0 50	7 14
21	Mon	10	Charles Darwin died, 1882.....	5 45	6 12	7 13	1 39	8 7
22	Tues	11	Bombardment of Odessa, 1852.....	5 45	6 12	7 58	2 28	8 0
23	Wed	12	St. George's Day	5 44	6 12	8 45	3 18	9 53
24	Thur	13	Mr. Gladstone's Budget submitted, 1882.....	5 43	6 13	9 38	4 2	10 44
25	Fri	14	St. Mark.—Princess Alice born, 1849.....	5 43	6 13	10 23	4 59	11 34
26	Sat	15	Shooter wins the 2,000 Guinea, 1882.....	5 42	6 13	11 14	5 48	Morn.
27	SUN	16	3RD SUNDAY AFTER EASTER.—PRIDAY.....	5 42	6 13	After.	6 36	0 22
28	Mon	17	St. Margaret wins the 1,000 Guinea, 1882.....	5 41	6 13	6 54	7 23	1 7
29	Tues	18	Peace with Russia, 1856.....	5 41	6 13	1 43	8 6	1 40
30	Wed	19	Burmese Embassy reach Simla, 1882.....	5 40	6 13	2 32	8 52	2 30

PHENOMENA.

d. h.	
April 1	5 After.—Moon in conjunction with Saturn
9	1 After.—Mercury in superior conjunction.....
9	7 After.—Moon in conjunction with Mars
18	4 After.—Moon in conjunction with Jupiter.....
20	9 Morn.—Moon in conjunction with Mercury.....
26	5 After.—Moon in conjunction with Venus.....
26	5 Morn.—Mars stationary.....
26	10 Morn.—Venus in conjunction with Mercury
27	Midnight.—Moon in conjunction with Saturn
29	6 Morn.—Saturn stationary.....

PHASES OF THE MOON.

	d. h. m.		d. h. m.
☉ Full Moon	5 2 30 Morn.	☾ New Moon	19 1 40 Morn.
☾ Last Quarter	11 9 13 After.	☾ First Quarter	27 3 55 Morn.
☾ Perigee	9 1 — Morn.	☾ Apogee	24 5 — After.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Sets	Rises	Calm.	Sets
				Morn.	After.	After.	After.	After.
1	Thur	30	born, 1850.	h. m.	h. m.	h. m.	h. m.	h. m.
2	Fri	21	St. Philip & St. James — Prince Arthur	5 40	6 14	3 21	9 36	3 9
3	Sat	22	Cyclone at Madras, 1872	5 40	6 14	4 11	10 30	3 48
			Invention of the Cross	5 40	6 14	5 2	11 7	4 27
4	SUN	23	4TH SUNDAY AFTER EASTER	5 39	6 14	5 50	11 56	5 9
5	Mon	24	Tippa buried in the Jail Bang, 1799	5 39	6 14	6 52	Morn.	5 59
6	Tues	25	St. John, A. P. L.	5 38	6 15	7 52	0 48	6 42
7	Wed	26	Ld. Cavendish & Mr. Bourke assd. '82	5 38	6 15	8 54	1 44	7 36
8	Thur	27	Mr. Trevelyan appointed Chief Secy.	5 38	6 15	9 56	2 41	8 32
9	Fri	28	for Ireland, 1882.	5 38	6 15	10 57	3 35	9 23
10	Sat	29	Mutiny at Meerut, 1857	5 37	6 15	11 54	4 43	10 25
11	SUN	30	ROGATION SUNDAY	5 37	6 16	Morn.	5 45	11 27
12	Mon	31	Battle of Almaraz, 1812	5 37	6 16	0 47	6 41	After.
13	Tues		Cession of Surat, 1800	5 37	6 16	1 35	7 33	1 34
14	Wed	2	Storming at Copuldroog, 1819	5 36	6 16	2 20	8 23	2 28
15	Thur	3	ASCENSION DAY — Holy Thursday	5 36	6 17	3 3	9 10	3 21
16	Fri	4	Akbar Khan died, 1847	5 36	6 17	3 44	9 37	4 13
17	Sat	5	Rance of Vira Raja of Coorg died, '97	5 35	6 17	4 25	10 44	5 3
18	SUN	6	SUNDAY AFTER ASCENSION	5 35	6 18	5 7	11 31	5 57
19	Mon	7	Dundas, A. C. — Bassem taken, 1882.	5 35	6 18	5 51	After.	6 50
20	Tues	8	Dr. W. Chambers died, 1823	5 35	6 18	6 37	1 9	7 43
21	Wed	9	Riots at Montreal, 1832	5 35	6 18	7 23	2 0	8 36
22	Thur	10	Venerable Bede, P.	5 35	6 19	8 12	2 51	9 27
23	Fri	11	Katch taken, 1855	5 34	6 19	9 0	3 41	10 15
24	Sat	12	EMERGES VICTORIA born, 1819	5 34	6 19	9 56	4 30	11 1
25	SUN	13	PENTECOST — Whit Sunday	5 34	6 20	10 46	5 16	11 45
26	Mon	14	St. Augustine, first Archb. of Canterbury	5 34	6 20	11 35	6 2	Morn.
27	Tues	15	Whit Tuesday	5 34	6 20	After	6 45	0 25
28	Wed	16	Mutiny at Nusseerabad, 1857	5 34	6 20	1 12	7 29	1 5
29	Thur	17	Arctic Expedition left Portsmouth, '75	5 34	6 20	2 0	8 12	1 43
30	Fri	18	Massacre at Shahjehanpore, 1857	5 34	6 21	2 50	8 57	2 21
31	Sat	19	Exodus of Europeans from Egypt, '82	5 34	6 21	3 42	9 44	3 1

PHENOMENA.

d. h.		
May 1 11	Morn.	Jupiter in quadrature to Sun.
6 6	After.	Mercury at greatest elongation
7 1	Morn.	Moon in conjunction with Mars
10	Noon.	Venus in conjunction with Mercury
11 4	Morn.	Moon in conjunction with Jupiter
15 2	After.	Saturn in quadrature to Sun.
19 3	Morn.	Mercury stationary.
20 6	Morn.	Moon in conjunction with Mercury
21 1	Morn.	Moon in conjunction with Venus
25 10	Morn.	Moon in conjunction with Jupiter
27	Midnight.	Mars in quadrature to Sun.
30 9	Morn.	Mercury in inferior conjunction.
31	Noon	Jupiter stationary.

PHASES OF THE MOON.

	d. h. m.		d. h. m.
☉ Full Moon	3 11 54 Morn.	☾ New Moon	17 3 19 After.
☾ Last Quarter	10 3 11 Morn.	☾ First Quarter	25 2 5 After.
☾ Perigee	6 5 — After.	☾ Apogee	21 9 — Morn.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Sets	Rises	Calm.	Sets
				Morn.	After.	After.	After.	Morn.
1	SUN	20	TRINITY SUNDAY	h. m.	h. m.	h. m.	h. m.	h. m.
2	Mon	21		5 34	6 23	4 37	10 35	3 44
3	Tues	22	Prince Geo. Fred. of Wales b. 1865	5 34	6 22	5 36	11 30	4 30
4	Wed	23	Mt. suppl. at Benares by Br. G. Neill	5 34	6 22	6 38	Morn.	5 23
5	Thur	24	Corpus Christi	5 34	6 23	7 42	0 29	6 19
6	Fri	25	Count Cavour died, 1861	5 34	6 23	8 46	1 32	7 20
7	Sat	26	Reform Bill passed, 1832	5 34	6 23	9 47	2 35	8 24
8	SUN	27	1ST SUNDAY AFTER TRINITY	5 34	6 24	10 46	3 37	9 28
9	Mon	28		5 34	6 24	11 33	4 36	10 21
10	Tues	29	Mutiny of 1st Oude Infantry, 1857	5 33	6 24	Morn.	5 39	11 20
11	Wed	30	Saint Barbara, Ap.	5 33	6 24	6 20	6 24	After.
12	Thur	31	Massacre at Cawnpore, 1857	5 33	6 25	1 3	7 9	1 18
13	Fri	1	Karl Rivers executed, 1483	5 33	6 25	1 44	7 55	2 9
14	Sat	2	Deceased Wife's Sister's Bill rejected	5 33	6 26	2 23	8 41	3 1
15	SUN	3	2ND SUNDAY AFTER TRINITY	5 33	6 26	3 6	9 28	3 52
16	Mon	4	Outbreak of the Plague in Persia, 1892	5 33	6 26	3 48	10 15	4 44
17	Tues	5	St. Alban, M.	5 33	6 26	4 33	11 4	5 36
18	Wed	6	Battle of Waterloo, 1815	5 33	6 26	5 20	11 54	6 20
19	Thur	7		5 33	6 26	6 9	After	7 20
20	Fri	8	Accession of QUEEN VICTORIA, '37	5 33	6 26	6 52	1 35	8 10
21	Sat	9	Prod. of QUEEN VICTORIA, 1837	5 33	6 27	7 50	2 24	8 57
22	SUN	10	3RD SUNDAY AFTER TRINITY	5 33	6 27	8 49	3 12	9 41
23	Mon	11	Delhi taken, 1857	5 33	6 27	9 29	3 57	10 23
24	Tues	12	St. John the Baptist — Midsummer day	5 33	6 27	10 18	4 41	11 2
25	Wed	13	R. Ferguson (Physician) died, 1865	5 33	6 27	11 5	5 24	11 40
26	Thur	14	Rhettie deposed by the Sultan, 1879	5 33	6 28	11 52	6 6	Morn.
27	Fri	15	Lord Lawrence died, 1879	5 33	6 28	After	6 49	0 17
28	Sat	16	Coronation of QUEEN VICTORIA, '38	5 33	6 28	1 30	7 34	0 55
29	SUN	17	4TH SUN. AF. TRINITY — St. Peter, Ap.	5 33	6 28	2 22	8 22	1 35
30	Mon	18	End of Second Burmah War, 1853	5 33	6 28	3 18	9 14	2 19
						4 18	10 11	3 7

PHENOMENA.

d. h.		
June 2 9	After.	Moon in conjunction with Mars
7 11	After.	Moon in conjunction with Jupiter
11	Noon.	Mercury stationary.
15 11	After.	Moon in conjunction with Mercury
17 —		Sun partially eclipsed. See page 10.
20 1	Morn.	Moon in conjunction with Venus
21 5	After.	Summer commences.
23 6	After.	Moon in conjunction with Saturn
24 2	After.	Mercury at greatest elongation
29 6	After.	Moon in conjunction with Mars

PHASES OF THE MOON.

Full Moon.....	d. h. m.	New Moon.....	d. h. m.
Last Quarter.....	2 7 44 After.	First Quarter.....	17 6 10 Morn.
Perigee.....	4 10 4 Morn.	Apogee.....	25 5 5 Morn.

Perigee.....	3 8 — After.	Apogee.....	18 6 — After.
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Day of Month.	Day of Week.	Lunar Day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON	
				Rises	Sets	Rises	Culm. Sets
				Morn.	After.	After.	Morn.
1	Thurs	1	Govt. Stock Notes issued, 1882.....	5 33	6 28	5 22	11 12 4 1
2	Wed	2	Victories of the B. V. Mary.—Battle of Arni, 1782.....	5 39	6 28	5 27	Morn. 5 1
3	Thurs	3	Sir H. Lawrence died, 1857.....	5 40	6 29	5 31	0 16 6 5
4	Fri	4	Princess Helena married, 1865.....	5 40	6 29	5 31	1 21 7 12
5	Sat	5		5 40	6 29	5 26	2 23 9 17
6	SUN	6	5TH SUNDAY AFTER TRINITY.....	5 41	6 29	5 16	3 21 9 19
7	Mon	7	14th Bengal N. I. disbanded, 1857.....	5 41	6 29	5 11	4 15 10 18
8	Tues	8	Commons pass Irish Repression Bill.....	5 41	6 29	5 43	5 6 11 13
9	Wed	9	Sir B. Seymour demands sur. of Alex. Vellere Money, 1896.....	5 42	6 29	Morn.	5 52 After.
10	Thurs	10	Siege of Alexandria, 1882.....	5 42	6 29	0 25	6 40 0 58
11	Fri	11	Siege suspended, 1882.....	5 42	6 29	1 6	7 29 1 49
12	Sat	12		5 42	6 29	1 47	8 13 2 40
13	SUN	13	6TH SUNDAY AFTER TRINITY.....	5 42	6 29	2 31	9 1 3 32
14	Mon	14	Canal traffic stopped, 1882.....	5 42	6 29	3 17	9 50 4 24
15	Tues	15	1 St. Nathan.....	5 43	6 29	4 5	10 40 5 16
16	Wed	16	Disturbances at Cairo, 1882.....	5 43	6 29	4 55	11 30 6 6
17	Thurs	17	Egyptian Post Office re-opened, 1882.....	5 43	6 28	5 49	After. 6 54
18	Fri	18	Potato Blight in Ireland, 1882.....	5 44	6 28	6 37	1 8 7 39
19	Sat	19	Europeans leave Cairo, 1882.....	5 44	6 28	7 25	1 54 8 31
20	SUN	20	7TH SUNDAY AFTER TRINITY.—St. Margaret.....	5 44	6 28	8 14	2 39 9 1
21	Mon	21	Ed. Wolsey 16th Comd. to Egypt, '82.....	5 44	6 28	9 1	3 21 9 33
22	Tues	22	St. Mary Magdalene.....	5 45	6 28	9 48	4 3 10 10
23	Wed	23	Princess Beatrice married, 1885.....	5 45	6 27	10 35	4 43 10 53
24	Thurs	24	British occupy Aboukir, 1882.....	5 45	6 27	11 23	5 28 11 31
25	Fri	25	St. James.—Arabi procs. a Jihad, '82.....	5 45	6 27	After.	6 13 Morn.
26	Sat	26	St. Anne.—Ex-Gachwar Mulhar Row (d. '82.....	5 46	6 27	1 6	7 2 0 12
27	SUN	27	8TH SUNDAY AFTER TRINITY.....	5 46	6 26	2 1	7 55 0 56
28	Mon	28	Battle of Pyramids, 1818.....	5 46	6 26	3 2	8 52 1 40
29	Tues	29	1st Native Girls' School, in Calcutta.....	5 46	6 25	4 5	9 54 2 42
30	Wed	30	French Revolution, 1890.....	5 47	6 25	5 10	10 59 3 46
31	Thurs	31	Bombardment of Aboukir stopped, '82.....	5 47	6 25	6 18	Morn. 4 48

PHENOMENA.

d. h.	
July 3 11 Morn.	Sun in Apogee.
4 5 After.	Moon in conjunction with Jupiter..... Noon 3 12 S.
4 — Midnight.	Mars stationary.
10 1 After.	Moon in conjunction with Mercury..... Moon 1 4 N.
17 10 After.	Saturn in conjunction with Venus..... Venus 0 6 S.
20 8 Morn.	Moon in conjunction with Saturn..... Moon 3 28 N.
20 2 After.	Moon in conjunction with Venus..... Moon 3 46 N.
23 3 Morn.	Mercury in superior conjunction—App. dia. 8".
27 11 Morn.	Moon in conjunction with Mars..... Morn. 5 22 N.
29 5 After.	Jupiter in quadrature to Sun.
31 11 After.	Moon in conjunction with Jupiter..... Moon 2 51 S.

PHASES OF THE MOON.

Full Moon.....	d. h. m.	First Quarter.....	d. h. m.
Last Quarter.....	1 2 45 Morn.	Full Moon.....	23 6 41 After.
New Moon.....	7 7 40 After.		29 9 56 Morn.

Perigee.....	1 4 — Morn.	Apogee.....	14 9 — After.
Perigee.....		Perigee.....	29 2 — After.

Day of Month.	Day of Week.	Lunar Day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON	
				Rises	Sets	Rises	Culm. Sets
				Morn.	After.	After.	Morn.
1	Fri	1	[Bill thro' Committee, 1882.....]	5 47	6 25	7 11	0 3 5 56
2	Sat	2	Goob Singh died, 1847.....	5 47	6 25	8 5	1 5 7 1
3	SUN	3	9TH SUNDAY AFTER TRINITY.....	5 47	6 24	8 53	2 2 8 8
4	Mon	4	Cetewayo reached England, 1882.....	5 48	6 24	9 38	2 50 9 2
5	Tues	5	2nd attack on Ramleh by British, 1882.....	5 48	6 24	10 31	3 47 9 58
6	Wed	6	Prince Alfred born, 1841.....	5 48	6 23	11 4	4 35 10 51
7	Thurs	7	New French Ministry formed under.....	5 48	6 23	11 46	5 22 11 44
8	Fri	8	Duchers, 1882.....	5 48	6 23	Morn.	6 10 After.
9	Sat	9	Powder Mag. exploded at Delhi, 1859.....	5 48	6 22	0 29	6 58 1 28
10	SUN	10	10TH SUNDAY AFTER TRINITY.—St. Lawrence.....	5 49	6 22	1 15	7 47 2 31
11	Mon	11		5 49	6 21	2 2	8 37 3 13
12	Tues	12	Almednagar taken (Wellesley), 1801.....	5 49	6 21	2 51	9 27 4 3
13	Wed	13	Hungarian Insurrection ended, 1849.....	5 49	6 20	3 41	10 17 4 51
14	Thurs	14	Sir Colin Campbell died, 1863.....	5 49	6 20	4 32	11 5 5 37
15	Fri	15	Assumption of the B. V. Mary.....	5 49	6 19	5 32	11 52 6 20
16	Sat	16	Salem riots began, 1882.....	5 49	6 19	6 11	After. 7 1
17	SUN	17	11TH SUNDAY AFTER TRINITY.....	5 49	6 18	6 59	1 20 7 39
18	Mon	18	Mr. Gray, M. P., imprisoned, 1882.....	5 50	6 18	7 46	2 2 8 16
19	Tues	19	Mutiny at Ferozepore, 1857.....	5 50	6 17	8 32	2 44 8 53
20	Wed	20	British occupy Port Said, 1882.....	5 50	6 17	9 19	3 26 9 31
21	Thurs	21	Genl Macpherson reached Suaz, 1882.....	5 50	6 16	10 8	4 19 10 9
22	Fri	22	Treaty of Peace with China, 1842.....	5 50	6 15	10 58	4 56 10 52
23	Sat	23	Govt. Central Museum instituted, 1851.....	5 50	6 14	11 52	5 46 11 88
24	SUN	24	12TH SUNDAY AFTER TRINITY.—St. Bartholomew.....	5 50	6 14	After.	6 40 Morn.
25	Mon	25	Michael Faraday died, 1867.....	5 50	6 13	1 49	7 38 0 29
26	Tues	26	Albrecht, late Prince Consort, b. 1819.....	5 50	6 13	2 51	8 40 1 26
27	Wed	27	Battle of Polilore, 1781.....	5 50	6 12	3 53	9 43 2 28
28	Thurs	28	St. Augustin, Bp.....	5 50	6 12	4 53	10 45 3 33
29	Fri	29	St. John the Baptist beheaded.....	5 50	6 11	5 49	11 44 4 39
30	Sat	30		5 50	6 10	6 40	Morn. 5 43
31	SUN	31	13TH SUNDAY AFTER TRINITY.....	5 50	6 10	7 28	6 41 6 44

PHENOMENA.

d. h.	
Aug. 19 10 Morn.	Saturn in conjunction with Mercury..... Saturn 0 35 N.
16 9 After.	Moon in conjunction with Saturn..... Moon 3 20 N.
15 5 After.	Moon in conjunction with Mercury..... Moon 5 17 N.
18 2 After.	Moon in conjunction with Venus..... Moon 5 36 N.
24 3 After.	Moon in conjunction with Mars..... Moon 3 52 S.
28 5 Morn.	Moon in conjunction with Jupiter..... Moon 4 40 S.
30 Midnight.	Saturn in opposition to Sun.

PHASES OF THE MOON.

☾ Last Quarter.....	d. h. m.	☾ First Quarter.....	d. h. m.
6 8 55 Morn.		22 3 26 Morn.	
☾ New Moon.....	14 1 14 After.	☾ Full Moon.....	28 6 21 After.
☾ Apogee.....	11 4 — Morn.	☾ Perigee.....	26 9 — After.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Sets	Rises	Culm.	Sets
				Morn.	After.	After.	Morn.	Morn.
1	Mon	38	Transfer of India to the Crown, 1858.	5 50	6 10	8 13	1 34	7 43
2	Tues	19	Indian Contingent land at Ismailia, '82	5 50	6 10	8 56	2 24	8 39
3	Wed	20	Indian troops occupy Suez Canal, '82	5 50	6 9	9 40	3 14	9 34
4	Thur	21	Dublin riots renewed, 1882	5 50	6 8	10 24	4 9	10 28
5	Fri	22	Malta taken, 1800	5 50	6 7	11 10	4 52	11 21
6	Sat	23	Arabi proclaimed a rebel, 1882	5 50	6 6	11 53	5 42	After.
7	SUN	24	14TH SUN. AF. TRIN. — <i>St. Eucherius, Bp.</i>	5 50	6 6	Morn.	6 32	1 8
8	Mon	25	Nativity of the Blessed Virgin Mary	5 50	6 5	0 47	7 25	1 59
9	Tues	26	British again attacked at Kassassin, '82	5 50	6 4	1 37	8 13	2 48
10	Wed	27	Comet became visible, 1882	5 50	6 4	2 28	9 2	3 35
11	Thur	28	Battle of Dolbit (Lake), 1803	5 50	6 3	3 18	9 49	4 19
12	Fri	29	Cañal re-taken, 1849	5 50	6 2	4 7	10 36	5 0
13	Sat	30	Battle at Tel-el-Kebir, 1882	5 50	6 1	4 50	11 19	5 40
14	SUN	31	15TH SUNDAY AFTER TRINITY	5 50	6 1	5 43	After.	6 17
15	Mon	1	Capitalation of Cairo, 1882	5 50	6 0	6 30	0 43	6 54
16	Tues	2	Arabi's colleagues arrested, 1882	5 50	5 59	7 17	1 26	7 31
17	Wed	3	<i>St. Lambert, Bp.</i> —Fort Asuan surren- dered, 1882	5 50	5 58	8 5	2 9	8 9
18	Thur	4	Egyptian Army disbanded, 1882	5 50	5 58	8 55	2 51	8 50
19	Fri	5	Battle of Poitiers, 1356	5 50	5 57	9 47	3 42	9 35
20	Sat	6	Eurasian Lottery drawn, 1882	5 50	5 56	10 41	4 34	10 28
21	SUN	7	16TH SUN. AF. TRIN. — <i>St. Matthew, Ap.</i>	5 50	5 55	10 40	5 20	11 17
22	Mon	8	Floods at Verona, 1882	5 50	5 54	After.	6 28	Morn.
23	Tues	9	Rebel officers arrested at Tintah	5 50	5 53	1 49	7 28	0 15
24	Wed	10	Indian troops visit Pyramids, 1822	5 50	5 53	2 40	8 29	1 18
25	Thur	11	Wolsely & Seymour made Peers, '82	5 51	5 52	3 38	9 28	2 20
26	Fri	12	Khedive invites Col. Baker to re-or-	5 51	5 52	4 27	10 25	3 24
27	Sat	13	ganize Egyptian Army, 1882	5 51	5 51	5 16	11 18	4 25
28	SUN	14	17TH SUNDAY AFTER TRINITY	5 51	5 50	6 1	Morn.	5 29
29	Mon	15	<i>St. Michael and All Angels</i> — <i>Michaelmas</i>	5 51	5 50	6 48	0 16	6 22
30	Tues	16	<i>St. Jerome</i> day.	5 51	5 49	7 30	1 0	7 18

PHENOMENA.

d. h.			
Sept.	3 3	After.—Mercury at greatest elongation.....	26 59 E.
	10 10	Morn.—Moon in conjunction with Saturn.....	Moon 3 35 N.
	16 5	Morn.—Moon in conjunction with Mercury.....	Moon 0 10 N.
	17 1	Morn.—Mercury stationary.	
	18 10	Morn.—Moon in conjunction with Venus.....	Moon 6 12 N.
	22 2	Morn.—Mars in quadrature to Sun.	
	23 3	Morn.—Moon in conjunction with Mars.....	Moon 1 44 N.
	23 7	Morn.—Autumn commences.	
	24 9	Morn.—Venus at greatest elongation.....	46 29 E.
	24 11	Morn.—Moon in conjunction with Jupiter.....	Moon 2 45 S.
	28 5	After.—Jupiter stationary.	
	29	Midnight.—Mercury in inferior conjunction.	

PHASES OF THE MOON.

☾ Last Quarter.....	d. h. m.	☾ First Quarter.....	d. h. m.
6 1 44 Morn.		21 10 57 After.	
☾ New Moon.....	14 4 26 Morn.	☾ Full Moon.....	28 5 3 Morn.
☾ Apogee.....	8 7 — After.	☾ Perigee.....	24 3 — After.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Sets	Rises	Culm.	Sets
				Morn.	After.	After.	Morn.	Morn.
1	Wed	17	Grand Review at Cairo, 1882	5 51	5 48	8 15	1 51	8 14
2	Thur	18	Richard III. born, 1452..... 1882	5 51	5 47	9 1	2 41	9 0
3	Fri	19	D. of Connaught reviews Ind. troops.	5 51	5 47	9 49	3 32	10 4
4	Sat	20	Humiliation Day in India, 1857	5 51	5 46	10 39	4 23	10 50
5	SUN	21	18TH SUNDAY AFTER TRINITY	5 51	5 45	11 30	5 15	11 52
6	Mon	22	<i>St. Faith, V. and M.</i>	5 51	5 45	Morn.	6 6	After.
7	Tues	23	Nabob of the Carnatic died, 1850	5 51	5 44	0 21	6 56	1 31
8	Wed	24	Land League Fund closed, 1882	5 51	5 44	1 12	7 45	2 16
9	Thur	25	Patentism revived at Tintah, 1882	5 51	5 43	2 2	8 31	2 58
10	Fri	26	Alexandria Enquiry begun, 1882	5 51	5 43	2 50	9 18	3 41
11	Sat	27	Recruits for Egyptian Army arcd., '82	5 52	5 42	3 38	9 56	4 16
12	SUN	28	19TH SUNDAY AFTER TRINITY	5 52	5 42	4 25	10 41	4 53
13	Mon	29	Compt. of Hindlekhund completed, '03	5 52	5 41	5 13	11 23	5 30
14	Tues	30	Cuttack taken 1803	5 52	5 41	6 1	After.	6 9
15	Wed	31	Murat shot, 1815	5 52	5 40	6 51	0 51	6 49
16	Thur	1	Lord Palmerston died, 1865... lin. '82	5 52	5 39	7 43	1 39	7 33
17	Fri	2	Land League Conference held in Dub.	5 52	5 39	8 38	2 30	8 20
18	Sat	3	<i>St. Luke the Evangelist</i> —Action at Zorapore, 1839.	5 53	5 38	9 36	3 25	9 13
19	SUN	4	20TH SUNDAY AFTER TRINITY	5 54	5 38	10 25	4 23	10 10
20	Mon	5	New Russian Junker school, 1882	5 53	5 37	11 35	5 22	11 10
21	Tues	6	Battle of Trafalgar, 1805	5 53	5 37	After.	6 22	Morn.
22	Wed	7	Sir Roderick Murchison died, 1871	5 53	5 36	1 28	7 19	0 11
23	Thur	8	Col. Baker apptd. Genl. in Egypt, '82	5 53	5 36	2 20	8 15	1 13
24	Fri	9	King of Servia shot 1882	5 54	5 35	3 8	9 8	2 12
25	Sat	10	<i>St. Crispin, M.</i>	5 54	5 35	3 53	9 59	3 11
26	SUN	11	21ST SUNDAY AFTER TRINITY	5 54	5 34	4 37	10 48	4 7
27	Mon	12	Mr. Grant Duff visits Mysore, 1882	5 54	5 34	5 20	11 38	5 5
28	Tues	13	<i>St. Simon and St. Jude</i> —Bey of Tunis	5 55	5 34	6 5	After.	5 58
29	Wed	14	Rajah of Tanjore died, 1855... d., '82	5 55	5 33	6 50	0 28	6 54
30	Thur	15	Permanent Ry. Corps proposed, 1882	5 55	5 33	7 38	1 19	7 50
31	Fri	16	Assumption of Mysore by British '31	5 55	5 32	8 28	2 11	8 46

PHENOMENA.

d. h.			
Oct.	8 8	Morn.—Mercury stationary.	
	10 11	After.—Moon in conjunction with Saturn.....	Moon 3 40 N.
	12 —	Noon.—Moon in conjunction with Mercury.....	Moon 3 57 N.
	13 10	Morn.—Mercury at greatest elongation.....	18 5 W.
	17 6	After.—Moon in conjunction with Venus.....	Moon 5 44 N.
	20 6	After.—Moon in conjunction with Mars.....	Moon 0 33 S.
	21 8	After.—Moon in conjunction with Jupiter.....	Moon 3 8 S.
	27 7	Morn.—Jupiter in quadrature to Sun.	
	30 8	Morn.—Venus at greatest brilliancy.	

PHASES OF THE MOON.

d. h. m.	d. h. m.
☾ Last Quarter 4 9 54 After.	☽ First Quarter 19 6 6 After.
● New Moon 12 6 59 After.	○ Full Moon 26 6 42 After.

☾ Apogee 5 2 — After.	☾ Perigee 18 10 — After.
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Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Set	Rises	Culm.	Sets
				Morn.	After.	After.	Morn.	Morn.
1	Sat	17	Mecca, 1882. All Saints.—Outbreak of Cholera at	5 55	5 52	9 20	3 4	9 41
2	SUN	18	22ND SUN. AF. TRINITY.—All Souls....	5 56	5 51	10 12	3 57	10 34
3	Mon	19	Burmah Expeditionary Force, 1885....	5 56	5 51	11 9	4 48	11 21
4	Tues	20	Dost Mahomed Khan sur. at Cabul, '40	5 56	5 51	11 54	5 35	After.
5	Wed	21	Gunpowder Plot, 1605.....	5 57	5 50	Morn.	5 25	0 54
6	Thur	22	Rev. S. F. Green released from Gaol, '82.	5 57	5 50	0 45	7 10	1 35
7	Fri	23	Ld. Dufferin arrd. at Alexandria, 1882.	5 57	5 50	1 31	7 53	2 18
8	Sat	24	Miniah Fort taken, 1885 (born, 1841).	5 58	5 50	2 18	8 36	2 50
9	SUN	25	23RD SUN. AF. TRI.—PRINCE OF WALES	5 58	5 50	3 5	9 18	3 27
10	Mon	26	Duplex died in Paris, 1704.....	5 58	5 50	3 43	10 0	4 5
11	Tues	27	St. Martin, Bp.....	5 59	5 50	4 49	10 45	4 45
12	Wed	28	Negapatam taken, 1781..... (1882.	5 59	5 50	5 34	11 32	5 28
13	Thur	29	Nat. Ind. Officers visit Mr. Gladstone.	6 0	5 50	6 29	After.	6 15
14	Fri	30	Arthur Sketchley (Rose) died, 1852....	6 0	5 50	7 27	1 18	7 7
15	Sat	1	Mackay, Bp.....	6 1	5 50	8 28	2 16	8 8
16	SUN	2	24TH SUNDAY AFTER TRINITY.....	6 1	5 50	9 29	3 16	9 4
17	Mon	3	St. Paul's Ch., Vespers consecrated, '58.	6 2	5 50	10 29	4 17	10 0
18	Tues	4	Queen reviews her troops, 1882.....	6 2	5 50	11 25	5 15	11 7
19	Wed	5	M. DeB. 1882's Army ratified, 1882....	6 3	5 50	After.	5 11	Morn.
20	Thur	6	St. Edmund, King.....	6 3	5 50	1 5	7 3	0 7
21	Fri	7	PRINCESS ROYAL born, 1840.....	6 4	5 50	1 50	7 38	1 4
22	Sat	8	St. Cecilia, V. and M.....	6 4	5 50	2 35	8 42	1 59
23	SUN	9	25TH SUN. AF. TRI.—St. Clement, Bp....	6 5	5 50	3 15	9 29	2 54
24	Mon	10	Nihilist dist. at St. Petersburg, 1882....	6 5	5 50	3 56	10 18	3 47
25	Tues	11	Sir Henry Havelock died, 1857.....	6 6	5 50	4 42	11 8	4 42
26	Wed	12	Collision bet. <i>Malwa</i> & <i>Chas Forbes</i> , '82.	6 6	5 50	5 29	11 59	5 37
27	Thur	13	Irish Juryman stabbed in Dublin, 1882.	6 7	5 50	0 17	Morn.	6 35
28	Fri	14	France & Madagascar bk. negot., '82....	6 7	5 50	7 8	0 52	7 23
29	Sat	15	Curfew Clause enforced in Dublin, '82.	6 8	5 50	8 1	1 45	8 23
30	SUN	16	ADVENT SUNDAY—St. Andrew, Ap. and	6 8	5 50	8 53	2 38	9 15

PHENOMENA.

d. h.	
Nov. 7 Noon.	—Moon in conjunction with Saturn.....Moon 3 46 N.
12 Noon.	—Moon in conjunction with Mercury.....Moon 2 21 N.
14 3 Morn.	—Venus stationary.
14 4 Morn.	—Jupiter in conjunction with Mars.....Jupiter 1 0 N.
14 10 After.	—Moon in conjunction with Venus.....Moon 4 2 N.
17 9 Morn.	—Mercury in superior conjunction—App. dia. 75".
18 5 Morn.	—Moon in conjunction with Jupiter.....Moon 3 25 S.
18 9 Morn.	—Moon in conjunction with Mars.....Moon 2 39 S.
26	—Moon partially eclipsed, see page 11.
29 Midnight.	—Venus in conjunction with Mercury.....Venus 0 10 S.

PHASES OF THE MOON.

d. h. m.	d. h. m.
☾ Last Quarter 4 6 38 After.	☽ First Quarter 19 1 57 Morn.
● New Moon 12 8 32 Morn.	○ Full Moon 26 11 18 Morn.
☾ Apogee 3 11 — Morn.	☾ Apogee 31 7 — Morn.
☾ Perigee 15 5 — Morn.	

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN		THE MOON		
				Rises	Set	Rises	Culm.	Sets
				Morn.	After.	After.	Morn.	Morn.
1	Mon	17	Mandalay taken, 1885.....	6 9	5 50	9 45	3 29	10 4
2	Tues	18	Battle of Austerlitz, 1805.....	6 9	5 50	10 35	4 18	10 49
3	Wed	19	Archb. Tate of Canterbury died, 1882.	6 10	5 51	11 23	5 4	11 39
4	Thur	20	Suttee abolished, 1825..... (aged 71.	6 10	5 51	Morn.	5 48	After.
5	Fri	21	Madras Court of S. Causes estab. 1850	6 11	5 51	0 10	6 30	0 47
6	Sat	22	Battle of Rangoon, 1824.....	6 12	5 51	0 57	7 11	1 23
7	SUN	23	2ND SUNDAY IN ADVENT.....	6 12	5 52	1 44	7 53	2 0
8	Mon	24	Conception of the B. V. Mary.....	6 13	5 52	2 32	8 36	2 38
9	Tues	25	Second battle of Nagpore, 1817.....	6 13	5 52	3 22	9 22	3 19
10	Wed	26	Nagpore annexed, 1813.....	6 14	5 53	4 15	10 11	4 5
11	Thur	27	.....	6 14	5 53	5 12	11 4	4 55
12	Fri	28	Battle of the Nile, 1813.....	6 15	5 54	6 13	After.	5 51
13	Sat	29	PRINCE OF WALES visited Madras, '75.	6 15	5 54	7 16	1 4	6 51
14	SUN	30	3RD SUNDAY IN ADVENT.....	6 16	5 54	8 18	2 6	7 55
15	Mon	1	Naval battle taken (Stevenson), 1893....	6 16	5 55	9 18	3 8	8 59
16	Tues	2	Battle of Farrakabad, 1804.....	6 17	5 55	10 13	4 6	10 0
17	Wed	3	Foundation Stone of Town Hall laid.	6 18	5 56	11 4	5 0	11 0
18	Thur	4	.....	6 19	5 56	11 50	5 51	11 55
19	Fri	5	Marquis Dullwich died, 1860.....	6 19	5 57	After.	6 40	Morn.
20	Sat	6	Annexation of Pegu, 1852.....	6 20	5 57	1 15	7 25	0 50
21	SUN	7	4TH SUN. IN ADVENT—St. Thomas, Ap.	6 20	5 58	1 56	8 14	1 43
22	Mon	8	Battle of Ferozeshah, 1845.....	6 21	5 58	2 39	9 3	2 37
23	Tues	9	Assn. of Sir W. H. Macnaghten, 1841....	6 21	5 59	3 23	9 52	3 29
24	Wed	10	Peace between England and United	6 22	5 59	4 10	10 44	4 24
25	Thur	11	CHRISTMAS DAY..... [States, 1814.	6 22	5 59	5 0	11 36	5 19
26	Fri	12	St. Stephen, M.....	6 23	5 59	5 51	Morn.	6 13
27	Sat	13	St. John the Evangelist.....	6 23	5 59	6 44	0 29	7 6
28	SUN	14	SUNDAY AFTER CHRISTMAS.— <i>Innocent</i>	6 23	5 59	7 36	1 21	7 56
29	Mon	15	Battle of Baharajpore, 1843.....	6 24	5 59	8 27	2 11	8 43
30	Tues	16	Nagpore taken, 1817..... (born, '81.	6 24	5 59	9 17	2 58	9 26
31	Wed	17	St. Silvester, Bp.—Earthquake in Banga-	6 24	5 59	10 2	3 43	10 6

PHENOMENA.

d. h.	
Dec. 4 10 Morn.	—Venus in superior conjunction—App. dia. 52".
4 Midnight.	—Moon in conjunction with Saturn.....Moon 3 41 N.
9 5 Morn.	—Saturn in quadrature to Sun.
11 Noon.	—Moon in conjunction with Venus.....Moon 0 35 S.
12	—Solar eclipse, see page 10.
13 10 Morn.	—Moon in conjunction with Mercury.....Moon 0 23 N.
15 7 After.	—Moon in conjunction with Jupiter.....Moon 3 44 S.
17 2 Morn.	—Moon in conjunction with Mars.....Moon 4 14 S.
22 2 Morn.	—Winter commences.
24 6 Morn.	—Venus stationary.
28 5 After.	—Mercury at greatest elongation.....19 36 E.
28 19 After.	—Jupiter stationary.
31 Midnight.	—Sun in Perigee.

RIGHT ASCENSION AND DECLINATION OF THE SUN AND PLANETS FOR 1890.

Months and days.	Sun.			Mercury.			Venus.			Mars.			Jupiter.			Saturn.		
	R. A.	Dec.		R. A.	Dec.		R. A.	Dec.		R. A.	Dec.		R. A.	Dec.		R. A.	Dec.	
1890																		
January	11 18 11 19 21 20 31 20	47 S 31 14 56	23 19 22 20 20 21 17 20	48 S 49 14 38	23 17 19 18 15 19 15 20	57 S 52 46 39	23 13 23 14 22 14 19 14	54 S 15 37 57	10 19 12 19 14 19 15 19	18 S 28 38 47	22 10 22 10 22 10 21 10	21 N 23 21 19	12 12 12 12					
Feb.	10 21 20 22	36 14	14 20 11 20	10 29	17 21 18 22	29 18	16 15 12 15	17 19 36	57 18	21 10 21 10	15 12	13 13						
March	2 22 12 23 22 0	52 29 6 N	7 21 3 22 1 23	13 8 9	23 5 14 23 8 0	5 51 37 N	7 15 2 16 3 16	54 10 24	19 20 20 20 21 20	15 23 31	20 10 20 10 19 10	9 6 4	13 13 14					
April	1 0 11 1 21 1	42 19 56	4 0 8 1 12 2	10 27 N 2 45	0 1 9 2 17 2	22 9 57	8 16 12 16 17 16	36 44 47	21 20 22 20 22 20	38 44 49	19 10 19 10 18 9	6 0 59	14 14 14					
May	1 2 11 3 21 3 31 4	34 12 52 32	15 3 18 4 20 4 22 4	53 35 44 27	23 3 24 4 23 5 19 6	46 38 30 24	20 16 23 16 24 16 25 16	45 38 26 12	23 20 23 30 23 30 23 20	53 57 59 59	18 9 18 10 18 10 18 10	59 14 14 14						
June	10 5 20 5 30 6	13 55 36	23 4 23 4 23 5	13 25 6	17 7 18 8 21 8	17 8 58	24 15 22 15 19 15	37 46 40	23 20 23 20 23 20	59 57 54	18 10 18 10 18 10	5 8 11	13 13 13					
July	10 7 20 7 30 8	17 58 38	22 6 21 7 19 9	16 46 12	23 9 23 10 18 11	45 20 12	15 15 11 15 6 15	41 47 58	23 20 23 20 24 20	40 45 39	18 10 19 10 19 10	15 19 24	13 12 12					
August	9 9 19 9 29 10	16 54 30	18 10 18 11 9 12	23 20 0 S	11 11 4 12 2 13	54 31 S 14	1 16 8 16 9 16	13 32 54	24 20 25 20 26 20	34 29 25	20 10 20 10 20 10	28 33 38	11 11 11					
Sept.	8 11 18 11 28 12	7 43 19 S	6 12 2 12 2 12	39 50 26	6 13 10 14 6 15	54 33 12	14 17 18 17 22 18	18 45 18	26 20 26 20 26 20	22 20 19	20 10 20 10 20 10	42 47 52	10 10 10					
October	8 12 18 13 28 14	55 32 10	6 12 10 12 13 13	2 N 30 S 25	0 15 1 16 7 16	50 24 52	25 18 27 19 28 19	42 42 42	25 20 24 20 23 20	20 22 25	20 10 20 11 20 11	56 0 4						
Nov.	7 14 17 15 27 16	49 30 12	16 14 19 15 21 16	27 30 35	14 17 15 17 23 18	10 12 58	28 20 27 20 25 21	13 49 13	22 20 20 20 18 20	29 35 41	20 11 19 11 19 11	7 10 13						
Dec.	7 16 17 17 27 18 31 18	55 40 24 42 S	23 17 23 18 23 19 23 20	43 52 49 20	25 16 25 16 23 16 21 16	34 15 13 17 S	22 21 18 22 17 23 17 22	42 10 39 22	15 20 12 20 10 21 8 S	48 56 10 8 S	19 11 18 11 17 11 16 N	14 16 16 16						

MOON'S RIGHT ASCENSION AND DECLINATION FOR EACH DAY OF THE MONTH FOR 1890.

Month.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.	R. A.	Dec.
1	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N	3 3	1 N
2	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
3	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
4	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
5	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
7	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
8	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
9	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
10	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
11	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
12	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
13	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
14	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
15	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
16	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
17	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
18	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
19	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
20	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
21	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
22	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
23	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
24	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
25	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
26	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
27	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
28	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
29	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
30	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6
31	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6	3 3	49	17	6

EQUATION OF TIME AND HOURLY VARIATION FOR 1890.

Date.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	
1	53.88	1.177	+13	51.70	0.319	0.84	30.84	0.501	+3	54.31	0.757	1.65	0.201	0.313	2	55.94	0.372	
2	53.88	1.161	13	51.70	0.284	18.67	18.67	0.629	3	54.31	0.753	3	15.61	0.268	2	56.81	0.358	
3	53.88	1.145	14	51.70	0.250	37.33	37.33	0.642	3	54.31	0.747	3	15.61	0.245	2	57.43	0.341	
4	53.88	1.128	15	51.70	0.216	46.00	46.00	0.657	3	54.31	0.741	3	15.61	0.222	3	58.05	0.324	
5	53.88	1.110	16	51.70	0.182	54.66	54.66	0.672	3	54.31	0.734	3	15.61	0.200	4	58.67	0.307	
6	53.88	1.090	17	51.70	0.148	63.33	63.33	0.687	3	54.31	0.728	3	15.61	0.177	5	59.29	0.290	
7	53.88	1.070	18	51.70	0.115	72.00	72.00	0.702	3	54.31	0.721	3	15.61	0.154	6	59.91	0.273	
8	53.88	1.050	19	51.70	0.082	80.66	80.66	0.717	3	54.31	0.715	3	15.61	0.131	7	60.53	0.256	
9	53.88	1.030	20	51.70	0.050	89.33	89.33	0.731	3	54.31	0.709	3	15.61	0.108	8	61.15	0.239	
10	53.88	1.008	21	51.70	0.018	98.00	98.00	0.746	3	54.31	0.703	3	15.61	0.085	9	61.77	0.222	
11	53.88	0.987	22	51.70	0.003	106.66	106.66	0.761	3	54.31	0.697	3	15.61	0.062	10	62.39	0.205	
12	53.88	0.965	23	51.70	0.000	115.33	115.33	0.776	3	54.31	0.691	3	15.61	0.039	11	63.01	0.188	
13	53.88	0.943	24	51.70	0.000	124.00	124.00	0.791	3	54.31	0.685	3	15.61	0.016	12	63.63	0.171	
14	53.88	0.921	25	51.70	0.000	132.66	132.66	0.806	3	54.31	0.679	3	15.61	0.000	13	64.25	0.154	
15	53.88	0.899	26	51.70	0.000	141.33	141.33	0.821	3	54.31	0.673	3	15.61	0.000	14	64.87	0.137	
16	53.88	0.877	27	51.70	0.000	150.00	150.00	0.836	3	54.31	0.667	3	15.61	0.000	15	65.49	0.120	
17	53.88	0.855	28	51.70	0.000	158.66	158.66	0.851	3	54.31	0.661	3	15.61	0.000	16	66.11	0.103	
18	53.88	0.833	29	51.70	0.000	167.33	167.33	0.866	3	54.31	0.655	3	15.61	0.000	17	66.73	0.086	
19	53.88	0.811	30	51.70	0.000	176.00	176.00	0.881	3	54.31	0.649	3	15.61	0.000	18	67.35	0.069	
20	53.88	0.789	31	51.70	0.000	184.66	184.66	0.896	3	54.31	0.643	3	15.61	0.000	19	67.97	0.052	
21	53.88	0.767	1	51.70	0.000	193.33	193.33	0.911	3	54.31	0.637	3	15.61	0.000	20	68.59	0.035	
22	53.88	0.745	2	51.70	0.000	202.00	202.00	0.926	3	54.31	0.631	3	15.61	0.000	21	69.21	0.018	
23	53.88	0.723	3	51.70	0.000	210.66	210.66	0.941	3	54.31	0.625	3	15.61	0.000	22	69.83	0.001	
24	53.88	0.701	4	51.70	0.000	219.33	219.33	0.956	3	54.31	0.619	3	15.61	0.000	23	70.45	-0.016	
25	53.88	0.679	5	51.70	0.000	228.00	228.00	0.971	3	54.31	0.613	3	15.61	0.000	24	71.07	-0.033	
26	53.88	0.657	6	51.70	0.000	236.66	236.66	0.986	3	54.31	0.607	3	15.61	0.000	25	71.69	-0.050	
27	53.88	0.635	7	51.70	0.000	245.33	245.33	1.001	3	54.31	0.601	3	15.61	0.000	26	72.31	-0.067	
28	53.88	0.613	8	51.70	0.000	254.00	254.00	1.016	3	54.31	0.595	3	15.61	0.000	27	72.93	-0.084	
29	53.88	0.591	9	51.70	0.000	262.66	262.66	1.031	3	54.31	0.589	3	15.61	0.000	28	73.55	-0.101	
30	53.88	0.569	10	51.70	0.000	271.33	271.33	1.046	3	54.31	0.583	3	15.61	0.000	29	74.17	-0.118	
31	53.88	0.547	11	51.70	0.000	280.00	280.00	1.061	3	54.31	0.577	3	15.61	0.000	30	74.79	-0.135	

— To be subtracted from Apparent Time.

+ To be added to Apparent Time.

EQUATION OF TIME, &c., FOR 1890.—Continued.

Date.	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	Equation of Time.	Equation of Time.	Hourly Variation.	
1	33.41	0.478	+6	4.76	0.155	0	9.13	0.789	10	22.92	0.789	16	19.95	0.785	16	16.57	0.944	
2	33.41	0.463	6	4.74	0.180	0	28.20	0.800	10	41.83	0.800	16	20.85	0.785	16	17.19	0.927	
3	33.79	0.454	3	46.13	0.205	0	47.53	0.811	11	0.51	0.771	16	22.17	0.771	16	17.81	0.910	
4	33.55	0.445	3	50.92	0.229	7.10	1.884	0.820	11	18.84	0.756	16	23.49	0.756	16	18.43	0.893	
5	33.66	0.429	6	45.14	0.253	1	20.89	0.829	11	38.80	0.749	16	24.81	0.749	16	19.05	0.876	
6	33.72	0.415	5	38.78	0.277	1	40.88	0.837	11	54.37	0.734	16	26.13	0.734	16	19.67	0.859	
7	33.66	0.400	3	31.85	0.300	2	7.65	0.844	12	11.53	0.706	16	27.45	0.706	16	20.29	0.842	
8	33.46	0.385	0	24.36	0.324	2	27.41	0.851	12	28.27	0.688	16	28.77	0.688	16	20.91	0.825	
9	33.29	0.369	0	16.30	0.347	2	47.91	0.857	12	44.56	0.669	16	29.99	0.669	16	21.53	0.808	
10	33.06	0.353	5	7.62	0.370	3	8.56	0.863	13	0.39	0.659	16	31.31	0.659	16	22.15	0.791	
11	32.82	0.337	4	58.52	0.394	3	20.31	0.867	13	15.74	0.629	15	32.63	0.629	15	22.77	0.774	
12	32.16	0.317	1	48.90	0.416	3	50.18	0.871	13	30.59	0.608	15	34.05	0.608	15	23.39	0.757	
13	32.56	0.299	4	38.54	0.439	4	11.14	0.875	13	44.93	0.586	15	35.37	0.586	15	24.01	0.740	
14	32.49	0.279	4	27.73	0.461	4	39.17	0.878	12	58.74	0.564	15	36.69	0.564	15	24.63	0.723	
15	32.40	0.259	4	16.30	0.484	4	53.26	0.879	14	12.00	0.541	15	38.01	0.541	15	25.25	0.706	
16	32.01	0.238	4	4.51	0.506	5	14.38	0.880	14	36.83	0.517	15	39.33	0.517	15	25.87	0.689	
17	32.33	0.216	3	62.11	0.527	5	05.52	0.881	14	30.85	0.493	14	40.65	0.493	14	26.49	0.672	
18	32.75	0.193	3	89.20	0.549	5	50.68	0.880	14	45.57	0.468	14	41.97	0.468	14	27.11	0.655	
19	32.78	0.171	3	25.78	0.569	6	17.78	0.879	14	59.31	0.443	14	43.29	0.443	14	27.73	0.638	
20	32.43	0.147	3	11.57	0.589	6	35.96	0.877	15	9.63	0.417	14	44.61	0.417	14	28.35	0.621	
21	32.60	0.123	2	57.47	0.610	6	59.96	0.875	15	19.33	0.391	13	45.93	0.391	13	28.97	0.604	
22	32.00	0.099	2	42.59	0.630	7	20.87	0.872	15	28.59	0.364	13	47.25	0.364	13	29.59	0.587	
23	32.32	0.074	2	27.25	0.648	7	41.75	0.865	15	37.80	0.340	13	48.57	0.340	13	30.21	0.570	
24	32.60	0.049	2	11.47	0.667	8	2.92	0.863	15	44.53	0.317	13	49.89	0.317	13	30.83	0.553	
25	32.65	0.024	1	55.25	0.685	8	23.15	0.866	15	51.56	0.293	12	50.11	0.293	12	31.45	0.536	
26	32.68	0.002	1	38.00	0.702	8	43.63	0.860	15	57.89	0.269	12	51.41	0.269	12	32.07	0.519	
27	32.64	0.027	1	31.55	0.719	9	3.96	0.842	16	0.49	0.218	12	11.77	0.218	12	32.69	0.502	
28	32.76	0.053	1	4.11	0.734	9	24.93	0.833	16	8.31	0.196	11	13.09	0.196	11	33.31	0.485	
29	32.64	0.079	0	46.39	0.740	9	43.89	0.822	16	12.42	0.174	11	14.41	0.174	11	33.93	0.468	
30	32.07	0.104	0	28.14	0.761	10	3.20	0.811	16	15.72	0.151	11	15.73	0.151	11	34.55	0.451	
31	31.7	0.129	0	0.65	0.776	...			16	18.24	0.088				16	35.17	0.434	

+ To be added to Apparent Time.

— To be subtracted from Apparent Time.

MEAN BAROMETRIC PRESSURE, TEMPERATURE, DIRECTION OF WIND AND RAINFALL AT MADRAS.

Date.	Barometer Reduced to 32° and Sea Level.	Dry Bulb Thermo- meter in Shade.	Prevailing Direction of Wind.	Rainfall from January 1st.	Date.	Barometer Reduced to 32° and Sea Level.	Dry Bulb Thermo- meter in Shade.	Prevailing Direction of Wind.	Rainfall from January 1st.
Jan. 1	30.03	75	N. E. by N.	0.0	May. 1	29.81	85	South.	9.4
..... 4	30.03	75	N. E.	0.2	 6	29.79	85	South.	2.5
..... 11	30.03	75	N. E. by E.	0.4	 11	29.77	86	S. by W.	3.1
..... 16	30.03	75	N. E. by E.	0.6	 16	29.76	86	S. by W.	3.6
..... 21	30.02	74	N. E. by E.	0.7	 21	29.74	86	S. by W.	3.9
..... 26	30.01	76	N. E. by E.	0.8	 26	29.73	86	S. by W.	4.3
..... 31	30.01	75	N. by N.	0.9	 31	29.72	87	S. W. by S.	4.5
Feb. 5	30.01	75	East	1.0	June. 5	29.72	87	S. W. by S.	4.8
..... 10	30.00	76	East	1.1	 10	29.72	87	S. W.	5.1
..... 15	29.99	76	E. by S.	1.2	 15	29.73	86	S. W.	5.4
..... 20	29.98	77	E. S. E.	1.2	 20	29.73	86	S. W.	6.3
..... 25	29.97	77	E. S. E.	1.2	 25	29.73	85	S. W.	6.2
March .. 2	29.96	78	S. E. by E.	1.2	July. 5	29.78	86	S. W.	6.5
..... 7	29.95	79	S. E.	1.2	 10	29.74	85	S. W.	7.0
..... 12	29.94	80	S. E.	1.3	 15	29.74	84	S. W.	7.7
..... 17	29.93	80	S. E. by S.	1.4	 20	29.75	84	S. W.	8.3
..... 22	29.92	81	S. E. by S.	1.5	 25	29.75	84	S. W.	9.0
..... 27	29.91	81	S. S. E.	1.6	 30	29.76	84	S. W.	9.6
April. 1	29.90	82	S. S. E.	1.7	August. 4	29.77	84	S. W.	10.2
..... 6	29.88	83	S. S. E.	1.8	 9	29.76	83	S. W.	10.8
..... 11	29.86	83	S. by E.	1.9	 14	29.75	83	S. W.	11.5
..... 16	29.85	84	S. by E.	2.0	 19	29.73	83	S. W.	12.3
..... 21	29.84	84	S. by E.	2.1	 24	29.76	83	S. W. by S.	13.0
..... 26	29.83	85	South.	2.2	 29	29.78	83	S. W. by S.	18.8
..... 31	29.82	85	South.	2.3	 31	29.78	83	S. W. by S.	14.5

MEAN BAROMETRIC PRESSURE, TEMPERATURE, DIRECTION OF WIND AND RAINFALL AT MADRAS.

Date.	Barometer Reduced to 32° and Sea Level.	Dry Bulb Thermo- meter in Shade.	Prevailing Direction of Wind.	Rainfall from January 1st.	Date.	Barometer Reduced to 32° and Sea Level.	Dry Bulb Thermo- meter in Shade.	Prevailing Direction of Wind.	Rainfall from January 1st.
Jan. 1	30.03	75	N. E. by N.	0.0	May. 1	29.81	85	South.	9.4
..... 4	30.03	75	N. E.	0.2	 6	29.79	85	South.	2.5
..... 11	30.03	75	N. E. by E.	0.4	 11	29.77	86	S. by W.	3.1
..... 16	30.03	75	N. E. by E.	0.6	 16	29.76	86	S. by W.	3.6
..... 21	30.02	74	N. E. by E.	0.7	 21	29.74	86	S. by W.	3.9
..... 26	30.01	76	N. E. by E.	0.8	 26	29.73	86	S. by W.	4.3
..... 31	30.01	75	N. by N.	0.9	 31	29.72	87	S. W. by S.	4.5
Feb. 5	30.01	75	East	1.0	June. 5	29.72	87	S. W. by S.	4.8
..... 10	30.00	76	East	1.1	 10	29.72	87	S. W.	5.1
..... 15	29.99	76	E. by S.	1.2	 15	29.73	86	S. W.	5.4
..... 20	29.98	77	E. S. E.	1.2	 20	29.73	86	S. W.	6.3
..... 25	29.97	77	E. S. E.	1.2	 25	29.73	85	S. W.	6.2
March .. 2	29.96	78	S. E. by E.	1.2	July. 5	29.78	86	S. W.	6.5
..... 7	29.95	79	S. E.	1.2	 10	29.74	85	S. W.	7.0
..... 12	29.94	80	S. E.	1.3	 15	29.74	84	S. W.	7.7
..... 17	29.93	80	S. E. by S.	1.4	 20	29.75	84	S. W.	8.3
..... 22	29.92	81	S. E. by S.	1.5	 25	29.75	84	S. W.	9.0
..... 27	29.91	81	S. S. E.	1.6	 30	29.76	84	S. W.	9.6
April. 1	29.90	82	S. S. E.	1.7	August. 4	29.77	84	S. W.	10.2
..... 6	29.88	83	S. S. E.	1.8	 9	29.76	83	S. W.	10.8
..... 11	29.86	83	S. by E.	1.9	 14	29.75	83	S. W.	11.5
..... 16	29.85	84	S. by E.	2.0	 19	29.73	83	S. W.	12.3
..... 21	29.84	84	S. by E.	2.1	 24	29.76	83	S. W. by S.	13.0
..... 26	29.83	85	South.	2.2	 29	29.78	83	S. W. by S.	18.8
..... 31	29.82	85	South.	2.3	 31	29.78	83	S. W. by S.	14.5

HOURLY VARIATIONS OF THE BAROMETER AND THERMOMETER FROM DAILY MEAN. ABOVE +, BELOW -

MORNING HOURS.											
1	2	3	4	5	6	7	8	9	10	11	Noon.
Barometer. Inches	0.00	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	- 0.01	+ 0.05	+ 0.05	+ 0.04	+ 0.01
Thermometer. Degrees	- 4	- 5	- 5	- 6	- 6	- 6	- 4	+ 1	+ 4	+ 6	+ 7
Barometer. Inches	0.00	- 0.02	- 0.03	- 0.03	- 0.03	- 0.03	- 0.02	+ 0.04	+ 0.06	+ 0.04	+ 0.02
Thermometer. Degrees	- 3	- 4	- 5	- 5	- 5	- 5	- 2	+ 1	+ 4	+ 6	+ 8
AFTERNOON HOURS.											
1	2	3	4	5	6	7	8	9	10	11	Midn.
Barometer. Inches	- 0.01	- 0.04	- 0.06	- 0.07	- 0.06	- 0.05	- 0.03	+ 0.02	+ 0.03	+ 0.03	+ 0.02
Thermometer. Degrees	+ 8	+ 8	+ 7	+ 6	+ 4	+ 1	- 1	- 2	- 3	- 3	- 4
Barometer. Inches	- 0.01	- 0.04	- 0.05	- 0.06	- 0.06	- 0.06	- 0.01	+ 0.01	+ 0.03	+ 0.02	+ 0.01
Thermometer. Degrees	+ 6	+ 6	+ 6	+ 5	+ 3	+ 2	0	- 1	- 1	- 2	- 3

EXAMPLES.

- 1.—Required the Mean Barometric Pressure and Temperature at 7 o'clock in the morning on January 4th? The mean daily values from the table on page 27 are 30.03 inches and 75 degrees. The Winter Hourly Variations for 7 morning are + 0.02 inch and - 5 degrees. Hence the required values are, Pressure 30.05 inches and Temperature 70 degrees.
- 2.—Required the Mean Barometric Pressure and Temperature at 3 o'clock in the afternoon on June 25th? The mean daily values from the table are 29.72 inches and 87 degrees. The Summer Hourly Variations for 3 afternoon are - 0.06 inch and + 7 degrees. The required values are therefore 29.66 inches and 94 degrees.

The readings of a mercurial Barometer required to be reduced to 32 degrees by the help of tables to be found in every meteorological treatise. Those of an Aneroid, properly adjusted, show reduced Mean Pressure at once without reduction. The Mean Pressure is about 0.51 inch less than the numbers given, for every successive rise of nine feet above the mean Sea Level.

GARDENING CALENDAR.

KITCHEN GARDEN.

January.—As the weather during the month will generally be clear and dry, attention to watering is required: if possible, water in the morning, otherwise late in the evening; never water vegetables during the heat of the day. The sowing of European vegetables may now be discontinued, as in the majority of cases seed sown during this month will prove to be labor needlessly expended: they will not come to maturity, or even come to a state fit for consumption. Last month may be considered as drawing to a close. All successful operations in regard to European vegetable sowing with the exception of a few salads, which may be sown in beds, shaded and hand-watered with attention; they will produce small crops. During the first and second week is a good time to sow cucumbers, vegetable marrow, gourds and such like. Nepal spinach should be sown and planted for a supply during the hot months. Attend to keeping the soil loose amongst growing crops, cradicking weeds to prevent their seeding, which they now do freely; continue to earth up celery, choosing a dry day for directions as to earthing. Plant cuttings of the cabbage tribe in beds; if rooted, they will give a good supply of sprouts during the hot months. Sow country vegetables if required, remove all decaying vegetables to the compost heap. Look to the graft mangoes, continue every two or three days to deepen the incision till the branch is cut through. If any are entirely removed, they may be planted without delay, taking care to support them against damage from high winds.

FLOWER GARDEN.

The flowers during this month should be in great perfection. The main operations consist in keeping everything clean and in perfect order, using the knife amongst the shrubs, &c., when required. Attend to the young shoots of creepers so that they may be properly trained, cut back all plants that may be growing over the hedges of the beds or walks; this should be done neatly, so that the use of the knife may not be discovered; nothing looks worse than plants abruptly cut round the edge of flower beds. Such cuttings of shrubs and vines as are rooted should be planted out in beds, well watered and shaded for a few days. Attend to plants in pots; roses in flower-bud will be improved by frequent watering with liquid manure; it will increase the size of the flowers. Shade tender plants from the hot sun, keep the soil at water exposed to the sun during the day for watering, water in the evening. Attend to clipping hedges, keeping the walks and grass in proper trim.

Remarks.—The weather during this month is generally clear, rain seldom falls, dews are plentiful, vegetables are abundant towards the end of the month. Fruits, such as oranges, pomogranates, guavas, plantains, &c., are to be had.

KITCHEN GARDEN.

February.—As the Horticultural exhibition is generally held during the early part of the month, attend to the schedule of prizes if you intend to compete, preserve such articles as may be required by making them with staves; in forwarding articles for competition pay marked attention to what is required, avoid sending vegetables of any kind in flower pots. In the garden little is required beyond the directions of last month; a few salads may be sown, country radishes, cucumbers and gourds may still be sown. Keep the garden clear from decayed leaves; vegetables during this month, especially the cabbage tribe, give out a most disagreeable odour if left decaying. See that arrange-ments are made to keep up a supply of such country vegetables as may be required. Watering will invariably be requisite throughout the month; plant out (if on hand) cuttings of the cabbage tribe. Attend to collecting manure for the next season.

FLOWER GARDEN.

The directions of last month are suitable to this; little more can be done than attending to watering and cleanliness; for plants in pots intended for exhibition be protected from the mid-day sun if possible. During the course of the month remove and put in pots a good supply of verbenas and such like so preserve them during the hot season. Attend to plants in pots, frequently stirring up the soil on the surface. If worms are troublesome, a little clear lime water used occasionally will remove them.

Remarks.—The weather during this month is clear and calm, dew every morning, rain seldom occurs if ever; vegetables and flowers in most seasons are plentiful; fruits, such as apodillas, mangoes, oranges, custard apples, &c., are to be had.

KITCHEN GARDEN.

March.—As the cultivation of European vegetables will no longer give any degree of satisfaction equivalent to the expense incurred, it is not necessary to presume that by giving directions success will be the reward of carrying them out. The heat is too great to develop seeds of northern climes; indeed, it is more chance to succeed in germinating and growing tropical seeds. Attention to the culture of such varieties of country vegetables as may be required is all that is requisite in cultivation, though the latter may be purchased in the market much cheaper than they can be grown in private gardens. All vacant spaces in the garden should now be dug and thrown up in ridges (this is applicable to heavy soils) so as to expose the soil to the influence of the sun during the hot weather. Where the soil is light, let it be dug over level; collect manure without delay; if composed of healing materials, it will require to be watered and turned over frequently; be sure this matter is not overlooked; attend to watering lately-planted mango trees, untie the ligatures round the grafted parts; support the stems securely against high winds; store yams in sand or dry soil.

FLOWER GARDEN.

Little can be done during this month; pay attention to cleanliness, watering shrubs, roses, &c., such beds as are empty should be neatly dug over; look to the roots of dahlias, let them be stored in pots of sand, or the pots they were grown in; if the soil is dried, they must be kept dry; gladioli, acimenes and bulbs require the same treatment; plants growing in pots should be placed, if possible, to receive the morning sun and shaded during mid-day.

Remarks.—The weather during this month is clear, hot, and very unpleasant from the prevailing southerly winds; slight dew frequently. No rain falls during the whole course of the month; European vegetables are very scarce, dear, and bad in general; country vegetables plentiful, such as brinjals, radishes, greens, &c. Fruits none, with the exception of indifferent plantains.

KITCHEN GARDEN.

April.—This month might be passed over in silence, as little or nothing can be done unless digging up any portions of the garden not attended to last month; this should not be neglected any longer. Cucumbers, gourds and melons may be sown during the month; they require protection from the sun until established. Attend to the fruiting pines; if the crowns appear to grow too large, let the hearts be taken out neatly; remove all suckers from the bottom of the fruit; after the fruit has swelled a good size, water should be sparingly applied as it tends to injure the flavour.

FLOWER GARDEN.

The directions of last month are suitable to this; little more can be done than keeping the garden clean and free of weeds; towards the end of the month look well to the support of young trees, creepers, &c., as gales may be expected early in May. Prepare soil for plants in pots without delay; look over dahlia roots, &c., in case they are being injured by vermin. Roses in pots should not be excited at present, or they will be weakened.

Remarks.—The weather during this month is similar to that of last; wind changeable from S. to E. and W., dew is seldom seen. A few slight showers of rain sometimes occur; European vegetables are very scarce, native vegetables are plentiful. Fruits, such as grapes, pine-apples, and some of the orange tribe, are to be had. Plantains are plentiful.

KITCHEN GARDEN.

May.—During the month the land wind commences; much difficulty will be experienced in cultivating any but the common varieties of country vegetables; dig over any vacant spaces of ground, no matter how rough; prepare manure; repair and build water-channels when required; make and repair roads and walks.

FLOWER GARDEN.

Now is a good time to put walks in good order and make others where required. If composts for seeds and plants in pots are not preparing, delay no longer, as they will be required in July. Wash all empty flower pots and order supplies for new ones; use every endeavour to put down the unsightly pots in general use—it can be done.

Remarks.—The weather during this month is unpleasantly hot from the prevailing land winds; in most seasons a few slight showers of rain fall; seldom other than country vegetables are to be had, with the exception of cabbage sprouts, which are hard and tough; mangoes and pine-apples are plentiful and cheap; flowers are scarce.

KITCHEN GARDEN.

June.—Although rain frequently occurs during the month, it is scarcely desirable to recommend the sowing of European vegetables. It is more requisite to push forward any new work that may be required; dig over and trench all vacant and new ground that may be taken in for cultivation. Be careful that a good supply of manure is on hand.

FLOWER GARDEN.

Preparing pits for planting trees and ornamental shrubs may be proceeded with, likewise the filling up of all hollows on the lawns where water accumulates during monsoons. Making new flower gardens where required, they should be proceeded with at once; it will save time when the gardeners are required for more active operations in July and August. Repair walks and make new ones; see that they are broad and level enough for two persons to walk abreast upon them; there is no necessity to raise them up like ridges in the centre; if they are slightly convex to throw off the water, it is sufficient.

Remarks.—The weather during this month is similar to that of last; showers are more frequent; European vegetables are rarely to be had; fruit is plentiful.

KITCHEN GARDEN.

July.—Everything should be prepared during the present month for sowing seeds in August; if the weather is at all favorable, sow a small quantity of celery and parsley for early plants. Peas may be sown towards the latter part of the month, though with but slight chance of success in the generality of seasons; during the last week the levelling of the soil thrown up in ridges may be proceeded with. The manure heap should be in a fit condition for use.

FLOWER GARDEN.

Little can be done during the month further than preparation for the ensuing seed time; let composts be in a perfect state for use before the end of the month. Make up grass edgings with turf. Do not prune roses unless they show signs of growth; this can be easily discovered by the swelling and bursting of the buds; if they show signs, prune and manure, though waiting till the following month would be more judicious. Take care not to be carried into too active operations by a good shower of rain. Look to the roots of dahlias, gladioli and achimenes that may have commenced to grow; retard them as much as possible, but bring them to the light; as dahlias are very impatient, their roots should be divided towards the end of the month into as many divisions as possible with a sharp knife, having shoot upon each division.

Remarks.—The rains of the S. W. monsoon commence during this month in slight showers; the sky is very cloudy; rains frequently in most seasons. Fruit and vegetables are scarce.

KITCHEN GARDEN.

August.—As imported seed should now be on hand, let a first sowing be put in pots or boxes without delay. If the weather is favorable, successive sowings may be put in during the whole course of the month. Care must be taken that the soil is in a proper moist condition. Guard against the ravages of red ants; be sparing of water to imported seeds until they germinate. A first sowing of peas and French beans may be put in; likewise carrots, beet, parsley and radishes; choose a dry day, sow celery in boxes or pots in rich soil mixed with well decayed manure and a small quantity of powdered lime. The tender celery is so apt to run to seed arise from inattention to keep up a constant luxuriance by the aid of good manure; celery should never receive a check; of country vegetables, sow brinjals, gourds, cucumbers, roselles, greens, spinach, beans, chilies, snake gourds, &c.; plant yams and Jerusalem artichokes. Attend to top-dressing asparagus beds, make a fresh bed of water-cresses in a shady spot near a well or tank where they can be easily supplied with water twice a day. Put in suckers of pine-apples, prepare stock of mangoes for grafting. Let the garden soil be levelled, well-manured and dug over; make sure the manure is well-looked after and mixed with lime and ashes before using.

FLOWER GARDEN.

Sow seeds of everything that can be had most suitable for the climate; be careful how small seeds are sown and watered; look to the roots of dahlias, gladioli, &c.; they should be set a-growing in good soil. If the plan has been definitely fixed upon to secure a good supply of flowers, now is the time to look to it; there is no time to spare; propagate verbenas by layers; sow hollyhocks, phloxes, petunias, balsams, &c.; increase your stock of chrysanthemums by division or fresh supplies; let the flower garden be well dug and manured; dig and manure round the roots of shrubs, on lawns, &c. Let a shaded place of ground be prepared in which to put cuttings of roses, shrubs, &c.; prepare pits for planting trees and shrubs, make them large and deep. Pits in the soil of Madras or anywhere should not be less than 2½ feet in diameter and depth. Too much care cannot be taken of seedlings, lest they get drawn during the dull days that prevail; expose them to the light and air as much as possible. Top-dress all plants in pots not intended to be re-potted with fresh soil and manure; re-pot and top-dress roses in pots. Prune and manure garden roses and put in cuttings.

Remarks.—It were unnecessary to write these instructions if these for whom they are written do not carry them out during the course of this month. As success can only be looked for by close attention, next month will be of less avail to have plants sufficiently strong to produce an early crop or to stand the heavy rains, and whatever complaints may have to be made about the failure of vegetables and the display of flowers in January and February, it can be ascribed to no other cause than neglecting to conduct operations

at the right season and in a proper manner. The native gardeners are not so much to blame, as they in general go by the instructions they receive.

Rain is frequent during this month; country vegetables are plentiful; fruit and European vegetables are very scarce.

KITCHEN GARDEN.

September.—This is the proper time to sow a succession of peas. French beans and spinach may be put in every week during the month; continue to sow vegetables of all kinds; onions and leeks in light rich soil in beds, protected from the rain by mats tied over movable bamboo frame-work. Attend to the seedlings sown last month; some of which will be ready for transplanting. Knol-khol and cabbage, if any were sown early in July, will be ready for final transplanting in the garden in beds of rows; let them be lifted carefully; disturb the roots as little as possible. Encourage the growth of celery by slight waterings of liquid manure; look after insects; a slight sprinkling of lime over and under the leaves will arrest their ravages; if not used, let them be picked off with hand every morning. Lime will in no wise injure the tenderest vegetables if sowed and sown. Native vegetables sown at the beginning of last month will be fit for planting out. Commence to graft mangoes; make preparations, such as digging trenches, &c. to prevent the garden being flooded during the monsoon near at hand. Manure pine-apples, remove the suckers and put them into root.

FLOWER GARDEN.

Petunias, hollyhocks, phloxes, &c., sown last month, should during this be fit for planting out, choosing a dull damp day. Continue to sow balsams, hollyhocks, and all showy annuals not neglecting mignonette. Balsam seeds from Hyderabad are generally good; and from the cultivators there removing the lateral branches, they have secured a peculiar upright habit, show about one foot of blossom in a column when well-grown. Attend to cleanliness and keeping the soil in flower bed opened by hoeing. (The idea of sowing a garden sowing in a flower bed divides it up with a piece of bamboo is absurd.) Prune roses if hitherto neglected, layer bud and put in cuttings of roses and such shrubs, trees and creepers as may be required. Sow seeds of trees and shrubs; put in pipings of carnations, place in boxes filled with fine sand mixed with red earth. Let all creepers be neatly tied to the posts or trellises upon which they are trained; prune where required; prune and keep in proper form shrubs, &c.; attend to cutting hedges and filling up gaps; cuscutha hedges neatly trimmed would be much neater round flower gardens than unsightly bamboo trellises; it is astonishing they are not more generally planted, as they combine neatness with economy, are easily raised if the seed is not too deeply covered with soil.

KITCHEN GARDEN.

October.—Transplant all vegetable plants large enough into beds or drills where they are to grow. Trenches should be ready to receive celery plants; shade if the weather is clear; look after tomatoes, onions, leeks, carrots and beet root; let them be thinned out to proper distances from each other; the thinnings may be planted if required. Continue to sow a few varieties of vegetable seeds. Peas may be sown every week; let the drills in which they are sown be raised above the surface level; continue to sow a succession of French beans. Keep out a supply of salads, such as lettuce, endive, mustard, water-cress, &c. Finish early in the month preparations for planting out vegetables; do not trust till wanted, as the soil may not be workable for rain. Let everything about the garden be neat and clean; eradicate weeds on their first appearance. If the weather during the month should prove dry, peas and the cabbage tribe will suffer much. A supply of water will be requisite to prevent the crops sustaining a check which would prove very detrimental. When water is applied let it be in the morning, very early if possible; when it is cool, frequent hoeing up the soil amongst the crops will require to be looked to. If activity is not displayed during the early part of this month in forwarding operations, there is but little chance of success for the season. Take particular care the crops are not planted on the same piece of ground they were last year; alternate them yearly if possible. Graft mangoes and plant pine-apples.

FLOWER GARDEN.

The operations of last month are applicable to this. Look after dahlias in pots, stake them and water occasionally with liquid manure. Plant out verbenas, heliotropes and all other bedding plants. Keep up a supply of balsams, cockscombs, mignonette, &c. Plant trees and shrubs, attending to training and pruning creepers. This is a good time to get roses, fuchsias, violets, &c., from the hills of Bangalore. Take advantage of dry days to cut grass; straighten and trim the edges of walks and beds. Give everything a neat and clean appearance. Protect all newly-planted trees from wind. The best plan is to use three tarred ropes for each plant; fix them to the stems, round which should be tied a piece of canvas to prevent the friction of the ropes from injuring the bark; tie the ropes tight to three pegs firmly driven into the ground at proper distance from the plants. This is costlier than staking, but more permanent and will protect the plants till properly rooted.

Remarks.—The weather during this month is generally wet and stormy, more especially during the latter part of it. Vegetables and fruits still continue scarce.

KITCHEN GARDEN.

November.—Few European vegetables will come to perfection if not fit to plant out during this month. Attend to transplanting seedlings; peas and French beans may be sown every week or ten days; the main crop must be looked for from seed sown this month, as peas sown in December seldom succeed. Sow a small quantity of cabbage, knol-khol, cauliflowers, tomatoes, &c.; likewise a few salads. Cauliflowers sown during the first week of the month; if they are well attended to, flowers may be had during February. Attend to transplanting onions and leeks. Turn out turnips and carrots to proper distances from each other. Plant celery in trenches; look after all details, such as cleanliness, digging trenches to carry off the heavy rains; put in cuttings of cabbage sprouts for use during the hot season. Graft mangoes; put in cuttings of figs and vines. Plant onion bulbs for salad.

FLOWER GARDEN.

Continue to transplant seedlings into pots or boxes. Plant out annuals, verbenas, hollyhocks, phloxes and ipomoeas, if strong enough. Sow any flower seeds remaining on hand. Sow seeds of trees and shrubs. Prepare early in the month stations for ornamental creepers, and plant without delay. Attend to training creepers, and pruning where required. Prune and manure garden roses and put in cuttings. In pruning, cut the old branches down to three or four eyes from the bottom. Top dress all plants in pots not requiring re-potting; protect tender plants from heavy rains; activity is required during this month to obtain good supply of flowers during the three following months. The finer varieties of roses in pots should be re-potted if necessary; they require a heavy soil mixed with well-decayed cow-dung. Support all plants requiring it from the high winds.

Remarks.—The weather during this month is in general boisterous, with heavy rains; the N. E. monsoon continues with great violence. Vegetables and flowers continue scarce.

KITCHEN GARDEN.

December.—Continue to plant out and transplant into boxes all vegetable plants on hand during the first week. Attend to thinning turnips and carrots. Plant celery in trenches and earth up such as may require it. Keep the soil amongst the growing crops hoed, and eradicate weeds on their first appearance. Branch lettuce and endive by tying up the leaves. Thin out the branches of tomatoes. Look sharp after insects amongst cabbage and cauliflower. Use slaked lime freely on all crops attacked; it will give a beneficial check. During the month sow cucumbers, vegetable marrow, country vegetables for greens, &c. Early-planted vegetables will be fit for use towards the end of the month. French beans and salads should be in abundance. Attend to staking peas beans, &c. Continue to make up a manure heap for the ensuing season; let nothing be lost in the shape of vegetable matter. The main work of the month is attention to growing crops; look to early grafted mangoes; make incisions gradually on the branches above the grafts.

FLOWER GARDEN.

Plant out the remaining stock of annuals; sow a few hollyhocks, amaranthus, &c. A last sowing of balsams may be put in. Sow convolvulus of all kinds. Petunias for flowering during the hot months. Attend to dahlias and encourage them by frequent watering of liquid manure. Keep the flower beds and walks clean and neat; water and roll the walks towards the latter part of the month; it will give them a neat appearance, at the same time they will be more comfortable to walk upon.

Remarks.—The weather during the first two weeks is similar to last month, generally clearing up towards the latter end. Fogs are frequent; flowers continue scarce with the exception of roses; vegetables are scarce; country greens, &c., are to be had in abundance; fruits, such as oranges, guavas and plantains, are plentiful.

BANGALORE.

January.—In this month most of the culinary vegetables are in great perfection. Grapes, apples, pine-apples, country raspberry, and also a few strawberries and peaches are in season. Such apple trees as have finished bearing may now be pruned, although it would be better to delay it until the ensuing month. Sow seeds of such vegetables as peas, radish, spinach, &c., that do not require more than three months to come to perfection. This is a good month for altering or making a garden, laying walks, &c. Open the roots of the vine trees, if the wood is well ripened.

This is the best month for planting cuttings of sugar-cane.

Remarks.—The nights and mornings are chill—a clear sky during the day. It seldom rains during this month, but fog falls daily in the mornings. The wind blows steadily from the N. E. with occasional variations.

February.—In this month country raspberries, figs, pomegranates, pine-apples, peaches, grapes and strawberries may be had in great abundance and perfection. A few apples remain. Very few vegetables can be sown with advantage this month. Open the roots of peach and apples and prune apple trees. As the mango will be in flower, spread, if requisite, some manure round the roots of the trees, slightly stirring the soil.

Sow peaches; the stone should be broken, else the seeds will take some months to germinate.

Remarks.—The weather during the whole of this month is very fine. It seldom, if ever, rains. Heavy dew falls in the mornings. The wind blows N. E., sometimes changing to the S. E. The first half of the month is rather chilly; about the end it commences to be warm.

March.—During this month the roots of apple trees should be opened, if not already done by those who approve of that system, and very strong manure should be applied. Strawberries, grapes, raspberries and peaches are in season. The ground should be forked about the roots of vines. Plant tuberose roots. Beet-root and celery are in perfection. As the winds and hot air of this month are very injurious to vegetation, as few seeds as possible should be sown.

Remarks.—The weather during this month is clear, hot and unpleasant. Rain is little known. There is less dew. The wind continues to blow from the N. E. There is plenty of dust. It thunders and lightens occasionally.

April.—Sow all flower seeds to come to perfection in July and August. They will be refreshed by the early rains called the mango showers, and there is generally rain in Mysore during June. Sow every kind of vegetable seed. Plant potatoes. Dahlia seeds should be sown in this month in situations protected from the burning winds.

Remarks.—This is the hottest month. The nights are very sultry, and the sun pours down its fiery rays with unabating vigor during the day. The dust is almost suffocating.

There is thunder and lightning. The mango showers may be expected towards the close of the month. Wind N. E.

May.—Repeat the sowing of last month, or may be deferred till this month. Transplant the seeds of the vegetables sown last month, and prepare the beds for the final transplanting of knol-khol, cabbage and cauliflower, watering the soil richly. Sow some cotton seeds.

Remarks.—The weather still continues hot. If the mango showers have set in, the heat is not so great as that of April. High winds from the S. W., with rain and clouds, may be expected. Rather dusty.

June.—The directions for this month are very similar in many respects to those given for May and April, in order to have the flowers and vegetables later in the season. Mangoes are in great perfection, and pine-apples abundant; jack-fruit in season. The natives plough their ground and sow their earth-nut. This is the best month for sowing seeds from England, &c., provided they arrive in the two or three preceding months, but in general it is advisable to sow them as soon as they are unpacked. The fields for hay should be scratched by the native plough and manured. Cuttings and suckers of chrysanthemums, if taken off and planted in small pots, will flower in September.

Roses often suffer much more from the attacks of the rose beetle during this month. They should be sought for at night with the aid of a lantern, and while one boy holds the light, another picks off the insects and throws them into a chatty of water. Immense numbers can be killed in a short time in this way. The old roots of the dahlia should be planted in large pots of sand covered with some fermenting vegetable matter, to induce them to send out shoots.

Remarks.—Rain is more frequent. The days begin to get cloudy and pleasant, and the nights cool. Wind from S. W. blows strongly. Plenty of dust.

July.—Pine-apple and apples are in season. Mangoes still continue till towards the end of the month; young plants should then be grafted, and the trees pruned as soon as they have done bearing, as that is the only time when it can be done with impunity. Cuttings of all trees and shrubs should be put in this month, as well as slips of artichokes, which, as soon as they have established themselves, should be cut down close to the ground.

The natives generally sow the raggy and cholam, and prepare the ground for rice, and plant cuttings of sugar-cane. Flower and vegetable seeds may still be sown, and in regular seasons the cabbage tribe of the first and second sowings should be finally transplanted. The first crop of hay is cut this month. Sow mango seeds for supply of stocks for next year's grafting. The dahlia sown last month will require transplanting, and the shoots should be separated from the old roots. The seeds (dahlias) should now be turned out of pots into the open ground in a sandy well-manured soil. A species of white grub attacks the roots of flower plants, more especially the scarlet geranium. The only mode of destroying these insects is by uprooting the plants that show any signs of drooping and removing the grub. Experiments in the cultivation of wheat may be attempted this month.

Remarks.—There is generally much rain this month. The days are cloudy and pleasant, and the nights cool. The wind blows from S. W. Thunder and lightning frequent.

August.—Apples still continue; young trees should now be drafted and cuttings put down. Oranges, loquats, and alligator pears in season. Insects are excessively numerous and destructive. The orange tribes should be budded and inarched and propagated by grafts. Plant beds with early strawberries. Still sow a few vegetable and flower seeds.

Continue grafting mangoes. Transplant cotton. Propagate carnations and pinks by layers. Begin collecting seeds of early flowering annuals. Dahlias are in perfection. The natives sow different kinds of grain in this and in the following month. Stake the dahlias put into ground last month.

Remarks.—The early monsoons cease about the beginning of the month. The wind blows from S. W., and the weather is somewhat warm.

September.—Alligator pears and loquats still continue. Guavas in plenty. Sow orange seed and alligator pear stones. Young potatoes in season. The American cotton sow early in full pool. Plant Cape bulbs, either in the ground or in very deep pots, well drained. The turnips and cabbages are much infested by a small dark caterpillar, which may be destroyed by sprinkling the plants with powdered lime. The rice begins to flower. Put down cuttings of geraniums, roses, violets, heartsease, &c. Flowers are in great perfection. As most of the peach trees will have lost their leaves, the roots should be opened and exposed for four days and then strongly manured. The principal crop of hay is cut in this month.

Strip off leaves and bare and prune the roots of apple trees, dressing the root at the same time with sheep or other manure.

Remarks.—This is rather a hot month. The wind blows from S. W., and rain may be expected from the middle of the month, particularly in the evenings.

October.—Vegetables are in great perfection. Soursops and guavas also are now in season. The main beds for strawberries should be planted. Vines will begin to flower early in this month; the borders should be dug and well manured. Dahlias will begin to fall in the month. As soon as the leaves begin to wither, they should be taken up with the soil that adheres to them and kept in a dry place. As soon as they have been sufficiently dried, they should be packed up in boxes of sand till the time for planting arrives. The double tea roses should be similarly treated.

Remarks.—The latter monsoons which generally commence towards the end of last month are very heavy during October. The wind veers round to the N. E. The days are pleasant and the nights are cool.

November.—Apples begin to ripen towards the end of this month. Custard-apples in plenty. This is the last month in which the generality of vegetables can be sown with advantage. Sow the casuarina and other tree seeds. This is a good month to lay in a stock of manure and prepare composts for the next year. The larger kinds of perennial water flowers should be taken up and reduced in size and replanted. This is a good month to plant potatoes, sweet-potatoes, melons, cucumbers, and most vegetable seeds. The raggy crop is cut during this month.

Remarks.—High winds from the N. E. and heavy rain may be expected during the early part of the month. Towards the end the temperature of the atmosphere is considerably lessened, and the nights begin to be chilly. This is a very pleasant month. Morning foggy.

December.—Apples are in plenty, and peaches may be had towards the end of the month. Rose-apples also are abundant. All vegetables in season. A good month for sowing melon and cucumber seeds, as well as peas, radish, and spinach, but very few other vegetable seeds. Most of the exotic plants will have ceased flowering; the beds should therefore be dug up and manured with a soil composed of two-thirds vegetable and half well-decayed animal manure. Turn over and examine dahlia roots. Prune roses.

Remarks.—This is usually a clear month with heavy fog in the mornings. Days cool and nights chilly. Wind from the N. E. Heat is scarcely felt at mid-day. This is a very pleasant and healthy month.

General Remarks.—The meteorological observation of three years—1834, 5, 6—was one very hot and one very rainy season; this may therefore be regarded as a very fair average when taken together.

Bangalore is in lat. 12°55' N. and long 77°32' E. The base of Commissioner's flagstaff is 5,030 feet above high water-mark at Madras and the mean annual temperature is 75° Fahr., while that of Madras is 85°, thus confirming the generally received opinion that a rise of 900 feet causes a fall in the thermometer of one degree. The soil, except in the valleys, is a red sandy loam, inclined to gravelly and the sound rock and finally foliated gneiss with slaty cleavage. It is much used for building purposes.

Average rainfall of twenty-three years is 35.41 inches.

NEILGHERRIES.

Ootacamund.

January.—Flowers—None. Vegetables—Sow in verandah for early crop cauliflower, radish, mustard and cress.

February.—Flowers—None. Vegetables—None.

March.—Flowers—Mignonette and nasturtiums, for early flowering. Vegetables—Peas, French beans, radish, mustard, cress and cauliflower.

April.—Flowers—Annuals of all sorts should be sown during this month; also seeds of new perennial plants, shrubs, trees, &c. Vegetables—Beet-root, carrots, turnips, peas, French beans, broad beans, cauliflower, cabbages and all description of vegetables for main summer crop.

May.—Flowers—Continue sowing of annuals and other seeds mentioned in last month. Vegetables—Sow peas, French beans, cauliflower and lettuce for succession; complete sowing all crops of vegetables required for summer use.

June.—Flowers—None. Vegetables—Radish, mustard, cress, lettuce, peas and beans for succession.

July.—Flowers—None. Vegetables—The same as June.

August.—Flowers—Annual seeds for winter flowering should now be seen; this is the best season to sow stocks, asters, balsams, petunias, verbenas, salpiglossis, nasturtiums, &c. Vegetables—The same as April for winter crops.

September.—Flowers—Complete sowing of the above in this month. Vegetables—Complete sowing for winter crop.

October.—Flowers—None. Vegetables—Sow as in June.

November.—Flowers—None. Vegetables—Sow as in June.

December.—Flowers—None. Vegetables—None.

Coonoor and Kotagerry.

Remarks on the variation of the above.

The main sowing of vegetable and flower seeds should be in August, September and October, instead of April and May. Rotation sowings, the same as at Ootacamund.

Flowers and vegetables that are in the several months of the year.

January.—Flowers—Geraniums, petunias, verbenas, stocks, camellias, roses, calceolarias, cinerarias, balsams, asters, mimulus. Vegetables—Cauliflower, beet-root, carrots, turnips, rhubarb, parsnips, vegetable marrow, celery, salads, cabbage, knol-khol, potatoes and onions.

February.—Flowers—Geraniums, petunias, verbenas, stocks, camellias, roses, calceolarias, and polygallus. Vegetables—Cauliflower, beet-root, carrots, turnips, parsnips, vegetable marrow, celery, salads, cabbage, knol-khol and onions.

March.—Flowers—Crocuses, lilies, primroses, calceolarias, geraniums, verbenas, petunias, violets and polygallus. Vegetables—Vegetables are scarce during this month. Only onions, knol-khol, turnips and cabbages may be said to be in season, all others being raised or preserved by artificial watering.

April.—Flowers—Crocuses, lilies, primroses, calceolarias, geraniums, verbenas, petunias and violets. Vegetables—Vegetables are still scarce. The above with mustard, radish, cress and salads are still in season.

May.—Flowers—Daisies, crocuses, lilies, heliotrope, petunias, calceolarias, roses, primroses and polyanthus. Vegetables—Potatoes, cauliflower, carrots, beet-root, celery, rhubarb, radish, vegetable marrow, cucumbers, knol-khol, parsnips, lettuce, peas, beans, and French beans.

June.—Flowers—Fuschias, westaria, heliotrope, daisies, roses, veronicas, polygallus, laburnums and primroses. Vegetables—Potatoes, cauliflower, carrots, beet-root, celery, rhubarb, radish, vegetable marrow, cucumbers, knol-khol, parsnips, lettuce, peas, beans and French beans.

July.—Flowers—Fuschias, westaria, heliotrope, daisies, roses, veronicas, polygallus, laburnums and brugmansias. Vegetables—Potatoes, cauliflower, carrots, beet-root, celery, rhubarb, radish, vegetable marrow, cucumbers, knol-khol, parsnips, lettuce, peas, beans and French beans.

August.—Flowers—Geraniums, brugmansias, fuschias, heliotrope, daisies, roses, veronicas and heath. Vegetables—Same as July.

September.—Flowers—Geraniums, crassulas, brugmansias, fuschias, heliotrope, daisies, roses, veronicas and heath. Vegetables—Same as July.

October.—Flowers—Camellias, cinerarias, crassulas, calceolarias, roses and heath. Vegetables—Potatoes, cauliflower, carrots, beet-root, celery, rhubarb, radish, vegetable marrow, cucumbers, knol-khol, parsnips, lettuce, peas and French beans.

November.—Flowers—Camellias, cinerarias, daisies, crassulas, calceolarias, roses and heath. Vegetables—Same as October.

December.—Flowers—Camellias, cinerarias, phloxes, verbenas, daisies, crassulas, calceolarias, alpaglossis, roses and heath. Vegetables—Same as October.

PART II.—EUROPEAN AND INDIAN.

THE QUEEN AND ROYAL FAMILY.

THE QUEEN.—Victoria, of the United Kingdom of Great Britain and Ireland, &c. Queen, Defender of the Faith. Her Majesty was born at Kensington Palace, May 24, 1819; succeeded to the Throne June 20, 1837; was crowned June 28, 1838; and married, February 10, 1840, to his Royal Highness Prince Albert. Her Majesty is the only child of the late Duke of Kent, son of King George III.

Her Royal Highness Victoria Adelaide Mary Louise, Princess Royal of England and Prussia, born November 21, 1840, and married to his Royal Highness William of Prussia, January 25, 1858 (died June 15, 1896); and has had issue, Frederick William Victor Albert, born January 27, 1853 (now King of Germany and has issue); Victoria Elisabeth Augusta Charlotte, born July 24, 1860, married, Feb. 11, 1873, to the Hereditary Prince of Saxe-Meiningen; Albert William Henry, born August 14, 1862, married his cousin Irene, May 24, 1883; Francis Frederick Sigismund, born September 15, 1866 (died June 18, 1866); Fredericka Wilhelmina Victoria, born April 12, 1866; Joachim Frederick Ernest Waldemar, born February 10, 1868 (died in 1879); Sophia Dorothea Ulrike Alice, born June 4, 1870; Margaret Beatrice Feodora, born April 22, 1872.

His Royal Highness Albert Edward, Prince of Wales, born November 9, 1841; married, March 10, 1863, Alexandra of Denmark (Princess of Wales), born December 1, 1844; and has had issue, Prince Albert Victor, born January 5, 1864; George Frederick Ernest Albert, born June 3, 1865; Louise Victoria Alexandra Dagmar, born February 20, 1867; married, July 27, 1889, Alexander William George, Marquis of Macduff and Duke of Fife; Victoria Alexandra Olga Mary, born July 6, 1868; Maud Charlotte Mary Victoria, born November 26, 1869; and Alexander John O. Albert, born April 8, 1871 (died April 7, 1871).

Her Royal Highness Alice Maud Mary, born April 25, 1843; married to H. R. H. Prince Frederick Louis of Hesse, July 1, 1862; died Dec. 14, 1878; issue living, one son and four daughters.

His Royal Highness Alfred Ernest Albert, Duke of Edinburgh, born August 6, 1844; married to the Grand Duchess Marie of Russia, January 9, 1874; has issue, a son and four daughters.

Her Royal Highness Helena Augusta Victoria, born May 25, 1846; married to his Royal Highness Prince Frederick Christian Charles Augustus of Schleswig-Holstein-Sonderburg-Augustenburg, July 5, 1866; issue living, one son and two daughters.

Her Royal Highness Louise Caroline Alberta, born March 18, 1848; married to the Marquis of Lorne, March 21, 1871; no issue.

His Royal Highness Arthur William Patrick Albert, Duke of Connaught and Strathearn, born May 1, 1850; married to Princess Louise Margaret of Prussia, March 13, 1870; issue, a daughter, Margaret, born Jan. 15, 1882; a son Arthur, Earl of Sussex, born Jan. 15, 1883, and a daughter, Victoria, born March 17, 1886.

His Royal Highness Leopold George Damesh Albert, Duke of Albany, born April 7, 1853; married to Princess Helena of Waldeck, April 27, 1862; died March 28, 1884; issue, a daughter, Alice Mary, born Feb. 25, 1883; and a son, Leopold, born July 19, 1886.

Her Royal Highness Beatrice Mary Victoria Feodora, born April 14, 1857; married to his Royal Highness Prince Henry of Battenberg, July 23, 1886; issue, two sons and a daughter.

George Frederick William Charles, K.G., Duke of Cambridge, cousin to her Majesty, born March 26, 1819; Augusta Caroline Charlotte Elizabeth Mary Sophia Louise, daughter of the late Duke of Cambridge, and cousin to her Majesty, born July 19, 1823; married, June 28, 1843, to Frederick, Grand Duke of Mecklenburg-Schwerin, and has issue a son, Mary Adelaide Wilhelmina Elizabeth, daughter of the late Duke of Cambridge, and cousin to her Majesty, born November 27, 1845, married Prince Teck, June 7, 1866; has issue, three sons and one daughter.

SOVEREIGNS, &c., OF EUROPEAN AND OTHER STATES.

SHOWING AGE IN 1890, AND DATE OF ACCESSION.

E—Emperor; K—King; Q—Queen; S—Sultan; Kh—Khedive; G. D.—Grand Duke
P.—President; Pr.—Prince.

COUNTRY.	NAME.	AGE.	ACCESSION.
Austria-Hungary	Francis Joseph (E.)	69	1848
Belgium	Leopold II. (K.)	55	1835
Bulgaria	Ferdinand (Pr.)	29	1878
Denmark	Christian IX. (K.)	72	1848
Egypt	Mohammed Tewfik (Kh.)	38	1879
France	M. F. S. Carnot (P.)	53	1887
German Empire	William II. (K.)	31	1888
States of German Empire—			
Anhalt	Frederick I. (D.)	59	1871
Baden	Frederick I. (G. D.)	64	1858
Bavaria	Otto (K.)	42	1886
Brunswick	Albert (Pr.)	55	1885
Croatia	Louis IV. (G. D.)	55	1877
Mecklenburg-Schwerin	Fred. Francis III. (G. D.)	39	1883
Mecklenburg-Strelitz	Fred. William I. (G. D.)	71	1869
Oldenburg	Peter I. (K.)	69	1862
Prussia	See German Empire.		
Saxe-Coburg and Gotha	Ernest II. (D.)	72	1854
Saxony	Albert (K.)	62	1873
Wurttemberg	Geo. V. (Pr.)	50	1864
Great Britain and Ireland	Victoria (Q.)	67	1837
Greece	George I. (K.)	45	1868
Italy	Humert I. (K.)	66	1878
Netherlands	William III. (K.)	73	1849
Portugal	Luís I. (K.)	62	1849
Romania	Leo XIII. (Pr.)	20	1878
Russia	Charles I. (K.)	31	1881
Sardinia	Victor Emmanuel II. (K.)	45	1861
Spain	Alfonso XIII. (K.)	14	1880
Sweden and Norway	Oscar II. (K.)	32	1872
Switzerland	Guillaume (Pr.)	61	1872
Turkey	Abdul Hamid II. (S.)	48	1876
U. S. (America)	General Harrison (P.)	63	1889

BRITISH AND FOREIGN AMBASSADORS.

COUNTRY.	BRITISH REPRESENTATIVE ABROAD.	FOREIGN REPRESENTATIVE IN ENGLAND.
Argentina	Hon. Ernest Passalunghi	Senor Don Luis L. Don Ignacio
Austria	Hon. Sir A. Paget, C.B.	Count Hayn
Belgium	Lord Vivian, C.M.G., C.B.	Baron Henri Solvay
Brazil	G. H. Wyndham, C.B.	Viscount de Arluz
China	J. Gordon Kennedy	Don Carlo Antunes
Colombia	Sir John Walsam, Bart.	Don Tucho
Cuba	W. J. Thomson	Senor Don Felipe Angulo
Czechia	J. P. Harris-Gastrell	M. R. Ferrandus (Ch. d'Aff.)
Denmark	H. G. Macdonald, C.M.G.	M. G. P. De Falla
France	C. W. Lawrence	M. Pedro A. Merino (Gen. Gen.)
Germany	Hon. Earl of Lytton, C.M.G.	M. W. H. Washington
Greece	Hon. Sir R. B. Maitland, C.B.	Count Hatfield
Holland	Hon. Sir E. J. Mowat, C.M.G.	M. Grunwald
Hawaii	Hon. Sir R. B. Maitland, C.B.	M. Grunwald
Italy	Hon. Sir J. Savile, C.B.	S. B. F. Hofnung (Ch. d'Aff.)
Japan	Hon. Sir J. Savile, C.B.	M. Felix Dejan
Mexico	Hon. Sir J. Savile, C.B.	Cherr. T. Cardani (Ch. d'Aff.)
Morocco	Sir Spencer St. John, C.M.G.	Jussand Kawsch
Netherlands	Sir W. Kirby Green, C.M.G.	Don P. M. del Campo (Ch. d'Aff.)
Nicaragua	Sir H. Ramsbotham, C.M.G.	Count C. M. De Rylandt
Peru	J. P. Harris-Gastrell	Senor Adan Cardenas
Portugal	Sir H. D. Wolf, C.M.G.	Prince Natusin Malgoin Khan
Romania	Sir C. E. Mansfield, C.M.G.	M. Candiano
Russia	George G. Petro, C.B.	M. M. D'Antas
Sardinia	Sir P. C. Lascelles	Prince Ion Ghibu
Spain	Hon. Sir R. Mowat, C.B.	M. De Staal
Sweden	Frederick Robert St. John	M. J. Grouth
Switzerland	Captn H. M. Jones	Margarin de Montri
Turkey	Hon. Sir C. Ford, C.M.G.	Don Jose Albarada
United States	Hon. Sir E. R. Plunkett	Count Piper
Uruguay	Charles S. Scott, C.B.	H. Verme (Consul-Genl.)
Wurttemberg	Kt. Hon. Sir W. A. White	Raxton Fashin
	Sir J. Pauncefote, C.M.G.	Robert T. Lincoln
	E. M. Satow, C.M.G.	Dr. Alberto Nio
	Sir H. Barron, Bart., C.M.G.	

HER MAJESTY'S CHIEF OFFICERS OF STATE.

THE CABINET.

Premier and Secretary of State for Foreign Affairs.

First Lord of the Treasury Right Hon. Marquis of Salisbury.

Lord High Chancellor Right Hon. W. H. Smith.

Lord President of the Council Right Hon. Lord Halsbury.

Lord Privy Seal Right Hon. Viscount Cranbrook.

Chancellor of the Exchequer Right Hon. Earl Cadogan.

Secretaries of State: Home Right Hon. G. J. Goschen.

Colonies Right Hon. Henry Matthews.

War Right Hon. Lord Knutsford.

India Right Hon. Edward Stanhope.

First Lord of the Admiralty Right Hon. Viscount Cross.

President of the Board of Trade Right Hon. Lord George Hamilton.

President of Local Government Board Right Hon. Sir M. E. Hicks-Beach.

Chancellor of the Duchy of Lancaster Right Hon. C. T. Ritchie.

Lord Chancellor of Ireland Right Hon. Duke of Rutland.

Chief Secretary for Ireland Right Hon. Lord Ashbourne.

Board of Agriculture Right Hon. Arthur James Balfour.

President, Right Hon. Henry Chaplin.

SCOTLAND.

Secretary and Keeper of the Great Seal Marquis of Lothian.

Lord High Constable Earl of Eglar.

Deputy Keeper of the Great Seal John Bell.

Master of the Household Duke of Argyll, &c.

Lord High Commissioner Right Hon. John Hughes.

Lord Justice Clerk Right Hon. J. B. A. Macdonald.

Lord Advocate Right Hon. J. P. B. Robertson.

Solicitor-General M. T. S. Darling, Q.C.

Lord Clerk Register Earl of Glasgow.

Commander of the Forces Major-General L. Annesley.

IRELAND.

Lord Lieutenant Earl of Zetland.

Chief Secy. and Keeper of Privy Seal Right Hon. A. J. Balguy.

Under Secretary Sir West Ridgway, K.C.B.

Assistant Under Secretary Sir W. S. B. Kaye.

Private Secretary John Mathall.

State Steward Lord Langford.

Comptroller Colonel J. A. Caulfield.

Chamberlain Colonel G. B. Dease.

Lord Chancellor Right Hon. Lord Ashbourne.

Attorney-General Right Hon. Peter O'Brien.

Solicitor-General Mr. Serjeant Madden.

Commander of the Forces Lt.-Genl. Prince Ed. of Saxe-Weimar.

CHIEF COLONIES OF GREAT BRITAIN WITH THEIR GOVERNORS.

COLONY AND STATION.	OFFICE.	NAMES.
EAST INDIES.		
India.....	Viceroy and Governor-General.	His Excellency the Most Hon'ble the Marquis of Lansdowne, G.C.S.I., G.C.M.G., G.C.B., &c.
Madras.....	Governor.....	His Excellency the Right Hon'ble Robert, Lord Connelley, G.C.I.E.
Bombay.....	Governor.....	The Right Hon'ble Lord D. J. Hay, G.C.I.E.
AUSTRALIAN COLONIES.		
New South Wales.....	Governor & Commander-in-Chief.	Right Hon. Lord C. R. Carrington, G.C.M.G.
Victoria (Melbourne).....	Governor & Commander-in-Chief.	Right Hon. J. A. L. Earl of Hopetoun, G.C.M.G.
South Australia.....	Governor & Commander-in-Chief.	Right Hon. A. H. T. Earl of Hinton, G.C.M.G.
Western Australia.....	Governor & Commander-in-Chief.	Sir F. N. Broome, K.C.M.G.
Queensland (Brisbane).....	Governor & Commander-in-Chief.	Genl. Sir H. W. Norman, G.C.B., G.C.M.G., G.C.I.E.
Tasmania (Hobart Town).....	Governor & Commander-in-Chief.	Sir E. G. C. Hamilton, K.C.B.
New Zealand (Wellington).....	Governor & Commander-in-Chief.	Right Hon. W. H. Earl of Onslow, G.C.M.G.

Chief Colonies of Great Britain with their Governors—(concluded)

COLONY AND STATION.	OFFICE.	NAMES.
FIJI ISLANDS.		
Fiji Islands (Suva).....	Governor & Commander-in-Chief, & High Comr. for the Western Pacific.	Sir J. B. Tharston, K.C.M.G.
British New Guinea.....	Administrator.....	Sir W. Macgregor, M.D., K.C.M.G.
WEST INDIES, &c.		
Barbados and its Dependencies (Bridgetown).....	Governor & Commander-in-Chief.	Sir W. J. Sendall, K.C.M.G.
Windward Islands (St. George's).....	Governor & Commander-in-Chief.	Hon. Sir W. P. Hely Hutchinson, K.C.M.G.
St. Vincent (Kingstown).....	Administering the Government.	I. C. Maling, Esq.
St. Lucia (Castries).....	Administering the Government.	R. B. Lewry, Esq., C.M.G.
Antigua and Leeward Islands (St. John's).....	Governor & Commander-in-Chief.	W. F. H. Smith, Esq., C.M.G.
Trinidad and Tobago (Port of Spain).....	Governor & Commander-in-Chief.	Sir Wm. Robinson, K.C.M.G.
Jamaica (Kingston).....	Capt. Genl. & Governor-in-Chief.	Sir H. A. Blake, K.C.M.G.
Bahamas (Nassau).....	Governor & Commander-in-Chief.	Sir A. Shea, K.C.M.G.
British Honduras (Belice).....	Governor & Commander-in-Chief.	Sir R. T. Goldsworthy, K.C.M.G.
British Guiana (Georgetown).....	Governor & Commander-in-Chief.	Viclt. J. W. J. Gormanston, K.C.M.G.
DOMINION OF CANADA.		
Canada (Ottawa).....	Governor-General of the Dominion of Canada and Govr. and Commander-in-Chief of Prince Edward Island.	Right Hon'ble Lord F. A. Stanley of Preston, G.C.B.
Newfoundland.....	Governor & Commander-in-Chief.	Lt.-Col. Sir J. T. N. O'Brien, K.C.M.G.
BERMUDA.		
Bermuda (Hamilton).....	Governor & Commander-in-Chief.	Lt.-Col. E. Newdigate Newdigate, C.B.
MALTA AND ITS DEPENDENCIES.		
Malta.....	Governor & Commander-in-Chief.	Lt.-Genl. Sir H. D'O. Torrington, K.C.B. (K.C.M.G.)
GIBRALTAR.		
Gibraltar.....	Governor & Commander-in-Chief.	Genl. Hon. Sir A. E. Hardinge, K.C.B. (G.C.B.)
HELLIGOLAND.		
Helligoland.....	Governor & Commander-in-Chief.	A. C. S. Barkly, Esq., C.M.G.
CYPRUS.		
Cyprus (Nicosia).....	High Comr. & Comdr.-in-Chief.	Sir H. E. Roberts, G.C.M.G.
SOUTH AFRICA.		
Cape of Good Hope (Cape Town).....	Governor and Comdr.-in-Chief of the Cape of Good Hope and its Dependencies, and High Commissioner for South Africa.	Sir H. B. Loch, G.C.M.G., K.C.B.
Natal and Zululand.....	Governor & Commander-in-Chief.	Sir G. B. H. Mitchell, K.C.M.G.
St. Helena (James Town).....	Governor & Commander-in-Chief.	Vacant.
	Administering the Government.	W. Grey-Wilson, Esq.
WEST AFRICA.		
Sierra Leone (Freetown).....	Governor & Commander-in-Chief.	Sir J. S. Hay, K.C.M.G.
Gold Coast Colony (Accra).....	Governor & Comdr.-in-Chief.	Sir W. B. Griffith, K.C.M.G.
Lagos & its dependencies.....	Governor & Comdr.-in-Chief.	C. A. Moloney, Esq., C.M.G.
MAURITIUS.		
Mauritius (Port Louis).....	Governor & Commander-in-Chief.	Sir C. C. Lowe, K.C.M.G.
CEYLON.		
Ceylon (Colombo).....	Governor & Commander-in-Chief.	Hon. Sir A. H. Gordon, G.C.M.G.
CHINA AND HONG-KONG.		
China and Hong-Kong (Victoria).....	Governor & Commander-in-Chief.	Sir G. W. DesVaux, K.C.M.G.

Chief Colonies of Great Britain with their Governors—(continued).

COLONY AND STATION.	OFFICE.	NAMES.
STRAITS SETTLEMENTS.		
Straits Settlements, (including Prince of Wales Island, Malacca, Singapore & Christmas Island.)	Governor & Comdr.-in-Chief.	Sir C. C. Smith, K.C.M.G.
LABUAN AND ITS DEPENDENCIES.		
Labuan.	Governor & Commander-in-Chief.	C. Vandeleur Creagh, Esq.
FALKLAND ISLAND.		
Falkland Islands (Stanley).	Governor & Commander-in-Chief.	T. Kerr, Esq., C.M.G.

The following is a list of Colonial Treasurers, District Paymasters and other Imperial Agents in the Chief Colonies of Great Britain :

Station.	Designation of Agent.
Bahamas	The Acting District Paymaster.
Barbados (including British Guiana, Trinidad, &c.)	The District Paymaster.
Bermuda	The District Paymaster.
British Columbia	The Naval Storekeeper, Esquimaux Yard (British Columbia).
British Honduras	The Colonial Treasurer.
Canada East, Montreal District.	The District Paymaster, Halifax, Nova Scotia.
Canada West, London and Ottawa District.	The District Paymaster, Halifax, Nova Scotia.
Canada West, Hamilton District.	The Staff Officer of Pensioners, Toronto, Canada West, and the District Paymaster, Halifax, Nova Scotia.
Canada West, Toronto District.	The Staff Officer of Pensioners, Toronto.
Cape of Good Hope	The District Paymaster, Cape Town.
Ceylon	The District Paymaster.
Cyprus	The District Paymaster.
Falkland Islands	The Colonial Treasurer.
Fiji Islands	The Governor.
Fort Garry	The District Paymaster, Halifax, Nova Scotia.
Gambia	The Colonial Treasurer.
Gibraltar	The District Paymaster.
Gold Coast	The Acting District Paymaster, Cape Coast Castle.
Hong-Kong	The District Paymaster.
Jamaica	The District Paymaster.
Lagos (Africa)	The Colonial Treasurer.
Malta	The District Paymaster.
Mauritius	The Acting District Paymaster.
Natal	The District Paymaster, Pietermaritzburg.
New South Wales	The Colonial Treasurer, Sydney.
New Zealand	The Colonial Treasurer, Wellington.
Nova Scotia (including London, Montreal, Ottawa, and part of Hamilton Districts.)	The District Paymaster, Halifax.
Queensland	The Colonial Treasurer, Brisbane.
Sierra Leone	The Acting District Paymaster.
South Australia	The Colonial Treasurer, Adelaide.
St. Helena	The Acting District Paymaster.
Straits Settlements	The District Paymaster.
Tasmania	The Agent for Imperial Expenditure, Hobart.
Transvaal	The District Paymaster, Pietermaritzburg, Natal.
Vancouver's Island	The Naval Storekeeper, Esquimaux Yard (British Columbia).
Victoria	The Colonial Treasurer, Melbourne.
Western Australia	The Colonial Treasurer, Perth.

MILITARY ATTACHES AT FOREIGN COURTS.

Colonel Hon. R. A. J. Talbot, C.B., A.D.C.	Paris.
Lieut.-Colonel H. Trotter, C.B., Royal Engineers.	Constantinople.
Major-Genl. J. N. Fraser, C.M.G.	Vienna.
Colonel F. S. Russell.	Berlin.
Colonel I. J. C. Herbert, G.O.S.	St. Petersburg.
Lieut.-Colonel J. R. Hinde, C.S., &c., R.A.	Rome.

NATIVE INDIAN PRINCES.

ROYAL FAMILY OF HYDERABAD.

His Highness Asaf Jah Musaffir-ul-Mumalik Nizam-ul-Mulk Nizam-ud-Dowla Mir Mahbub Ali Khan Fateh Jung Bahadur, C.C.S.I., the Nizam of Hyderabad, was, on attaining his majority, invested with full powers of Administration on the 5th February 1884.

THE CARNATIC FAMILY.

Asim Jah Muhammad Musaffir Khan Bahadur, Prince of Arcot.

Ghulam Muhammad Ghans Khan Bahadur, Abdul-ali Khan Bahadur, Brothers of the Prince of Arcot.

HIS HIGHNESS THE MAHARAJAH OF MYSORE.

His Highness Chamrajendra Wodeyar Bahadur, born 22nd February 1868, was adopted by the late Maharajah, His Highness Krishna Rajah Wodeyar Bahadur, C.C.S.I., on the 15th June 1868, and was installed on the throne on the 23rd September 1868, the reins of Government being assumed by His Highness on the 25th March 1891, when the direct control of the British Government in the affairs of the State ceased. His Highness was married in 1878, to Her Highness of the Vani Vilas, and has issues, two Princes born on the 4th June 1881 and 5th June 1888 respectively, and three Princesses. His Highness was created G.C.S.I. on the 34th May 1894.

ROYAL FAMILY OF TRAVANCORE.

His Highness Sri Patmanabha Dasa Vanchi Raja Rama Varma Kulasekara Kirtipathi Manney Sultan Maharaja Raja Ramaraja Bahadur Shamsher Jang, Knight Grand Commander of the Most Exalted Order of the Star of India, Maharaja of Travancore, born 25th September 1837, ascended the Musnud 19th August 1885.

Nephew of the Maharaja.—His Highness Kerala Varma, Elaya Raja, son of Her Highness the Junior Rance, born 20th August 1864. *Sisters of the Maharaja.*—Her Highness Lakshmi Bayi, Member of the Crown of India, Senior Rance of Travancore, born 23rd July 1848; Her Highness Parvati Bhayi, Junior Rance of Travancore, born 24th September 1850. *Nephews of the Maharaja.*—His Highness Rama Varma, First Prince of Travancore, son of Her Highness the Junior Rance, born 3rd December 1867; His Highness Martanda Varma, Second Prince of Travancore, son of Her Highness the Junior Rance, born 24th November 1871. *Brothers-in-law of the Maharaja.*—Kerala Varma, V.M.S., Valia Kail Tamburan, married to Her Highness the Senior Rance, Raja Raja Varma, Cochoo Kail Tamburan, married to Her Highness the Junior Rance.

ROYAL FAMILY OF COCHIN.

His Highness Veeracarya Wurnah, K.C.I.E., Maharajah of Cochin, born 30th August 1846; Ascended the Musnud, 23rd July 1888.

Brother of the Rajah.—His Highness Veeracarya Wurnah, Eliah Rajah of Cochin, born 30th August 1846.

Cousin of the Rajah.—His Highness Veeracarya Wurnah, First Prince of Cochin, born 13th February 1850.

There are also 30 other Princes, the Cousins and Nephews of the Rajah.

Mother of the Rajah.—Her Highness the Wallia or Senior Amah Tampuran, born 3rd May 1814.

Aunts of the Rajah.—Her Highness Coonjee Kava Amah Tampuran, born 7th December 1832.

Her Highness Mangoo Amah Tampuran, born 30th September 1839.

There are also two sisters, twelve female cousins and eight nieces of the Rajah.

ROYAL FAMILY OF TANJORE.

Her Highness Vijaya Mohana Muktabai Bai Anmani Raja Sahib, Member of the Imperial Order of the Crown of India, Princess of Tanjore, the only surviving daughter of His late Highness Maharaja Sivajee, born in 1816, by Her late Highness Saidamba Bai Sahib, and married in February 1860, to Vazratnab Rajesri Sakharam Row Hambirai Mohite Sahib. Died on the 31st January 1895. Before her death Her Highness adopted a son named Srimanta Chiranjivi Shambu Sing Sahib.

HOME GOVERNMENT.

Secretary of State and President... Right Hon. Viscount Cross, C.C.S.I.

Vice-President... Sir R. H. Davies.

Under Secretaries... Sir John E. Gorst, Q.C., M.P., & J. A. Godley, Esq., C.B.

Assistant Secretary... Horace G. Walpole, Esq., C.B.

Private Secretaries... W. L. Maitland, Esq., C.I.E., and C. E. Dawkins, Esq.

GOVERNMENT OF INDIA.

VICEROY AND GOVERNOR-GENERAL.

His Excellency The Most Honorable Sir Henry Charles Keith Petty-Fitzmaurice, Marquess of Lansdowne, G.C.B., G.C.M.G., G.C.I.E., Earl Wycombe, of Chipping Wycombe, County Bucks, Viscount Cain and Calington, County Wilts, and Lord Wycombe, Baron of Chipping Wycombe, County Bucks in the Peerage of Great Britain; Earl of Barry and Earl of Sheldubra, Viscount Clannamaine and Fitzmaurice, Baron of Kerry, Lunenburg, and Dunkerron, in the Peerage of Ireland, took his seat, 10th Dec. 1888 (Calcutta).—Pay Rs. 20,000.

MICROFILM COUNCIL.

EXTRAORDINARY MEMBERS.

His Excellency General Sir Frederick Smith Roberts, G.C.B., G.C.I.E., V.C., B.A., Commander-in-Chief, took his seat 29th January 1886 (Calcutta).—Pay Rs. 3,833-5-4.

ORDINARY MEMBERS.—Pay Rs. 400.

Lieut. Genl. The Hon. George Tompkins Chesney, G.C.B., G.C.I.E., R.E., took his seat 24th July 1886, (Calcutta).
The Hon. Andrew Richard Scoble, G.C., G.C.I., took his seat 12th Dec. 1886, (Calcutta).
The Hon. Sir Charles Alfred Elliot, G.C.B., G.C.I., took his seat 24th December 1887, (Calcutta).
The Hon. Philip Percival Hutchins, G.C.I., (Barrister-at-Law), C.S., took his seat 18th November 1888, (Calcutta).
The Hon. David Miller Barbour, G.C.I., took his seat 22nd November 1888.

ADDITIONAL MEMBERS TO MAKE LAWS AND REGULATIONS.

His Hon. the Lieut. Governor of Punjab, L.D., G.C.S.I., G.C.I.E.,
The Hon. the Lieut. Governor of Bengal, G.C.S.I., G.C.I.E.,
The Hon. H. J. Reynolds, G.C.I., G.C.S.I.,
The Hon. G. H. F. Evans, 17th Dec. 1888.
The Hon. Sri Purnananda Gajapati, Raja, G.C.S.I., Maharaja of Vizianagram, 15th February 1888.
The Hon. Raja Durga Chandra Lal, G.C.I.E., 26th September 1888.
The Hon. Saiyid Ameer Husain, G.C.I., 26th September 1888.
The Hon. Manu O. C. I.E., G.C.I.E., 15th Dec. 1888.
The Hon. Mahomed Ali Khan of Jodhpur, 15th Feb. 1889.
The Hon. P. M. Halliday.
The Hon. Baba Khem Singh Bell, G.C.I.E., 15th July 1889.
S. E. James, G.C.S., Secy. to the Council.
J. M. Macpherson, (Barrister-at-Law), Dy. Secy.
Col. E. S. Jarrett, Asst. Secy.—(on furl.)
Capt. J. H. Sadler, Offg. Asst. Secy.

PERSONAL STAFF OF THE GOVERNOR-GENERAL.

Col. J. C. Andagh, G.C.S., R. E., Private Secretary, (Shah).—Pay Rs. 2,000.
D. Pabitra, Asst. Private Secretary.
Lt. Col. Lord W. J. De la P. Darnford, V.C., G.C.I.E., 9th Lan. Military Secy.—Pay Rs. 1,500.
Major H. Cooper, G.C.S., N. Ian. Regt. Aide-de-Camp.—Pay Rs. 250 with pay of rank.
Major F. T. H. Hamilton, Norf. B., Aide-de-Camp.
Capt. H. Strathfield, G. Gds.
Capt. Hon. G. Harbord, S. Gds., } Aides-de-Camp.
Lieut. H. A. Polkington, G. Gds.
Lieut. G. T. Fraser-Creagh, 9th B. L. Extra Aide-de-Camp.
Messiair Muhammad Ali Khan, Norf. B., Khan Bahadur, 14th B. L., Native Aide-de-Camp.
Messiair Major Gopal Singh, "Bahadur," 2nd Gen. L. Horse, Native Aide-de-Camp.
Surgeon-Major E. H. Penn, M.S., Surgeon.

HONORARY AIDES-DE-CAMP.

Hadfield, Bt. Lt. Col. A. J. M. Invalid Estate, 10 Dec. 1888.
Campbell, Lt. Col. D. W., G.C.I.E., F. L. R. V. B. Corps, do.
Mackenzie, Col. A. R. D., Cav., do.
Stewart, Brig.-Genl. R. C., G.C.I.E., M.C., do.
Loch, Lt. Col. W., G.C.I.E., do.
Captain J. Hext, G.C.I.E., R. N., do.
Major W. Loch, Genl. List, do.
Chatterton, Lt. Col. F. W., G.C.I.E., (Comd. Presdy. Vols.) Ex-officio, do.
Low, Brig. Genl. S. R. C., G.C.I.E., Cav., do.

HONORARY NATIVE AIDES-DE-CAMP.

Balabhar Negi, Sub-Major, "Bahadur," late 5th Gurkha Regt. 10 Dec. 1888.

HONORARY SURGEONS.

Deputy Surgeon-General G. Farrell, G.C.B., Indian Medical Service, Bengal Establishment.
Do. do. G. C. Chessaye, do do.
Brigade-Surgeon R. Harvey, M.B., Indian Medical Service.
Surgeon-Major D. D. Cunningham, M.B., Indian Medical Service.
Do. B. Franklin, I.M.S.
Brigade-Surgeon W. Temple, V.C., M.B., Medical Staff.
Surgeon-General G. Bidie, M.B., G.C.I.E., Indian Medical Service.
Dy. do. W. Collis, Medical Staff.
Brigade-Surgeon J. B. Hamilton, M.D., Medical Staff.

HONORARY ASSISTANT SURGEONS.

Assistant Surgeon Dinobundho Dutt, Bengal.
Do. Doyal Chunder Shome, M.B., do.
Do. Mukand Lal, Rai Bahadur, N. W. Provinces.
Do. Chetan Shah, Khan Bahadur, Punjab.
Do. E. McKenzie, Bombay.
Do. Madras Gyanwmy Pillai, Rao Bahadur, Madras.
Do. Mehrchand, Punjab.
Do. Dosabhai Pestanji, Khan Bahadur, Bombay.

PERSONAL STAFF OF HIS EXCELLENCY THE COMMANDER-IN-CHIEF IN INDIA.

Colonel Reginald Pole-Carew, G.C.B., Col. Gds., Military Secretary.
Lt. Col. N. F. F. Chamberlain, B.S.C., Persian Interpreter.
Major I. S. M. Hamilton, Gordon Highrs., Aide-de-Camp.
Captain C. V. Hume, R.A., Aide-de-Camp.
Lieut. H. S. Rawlinson, K. R. Rif. C., Aide-de-Camp.
Major E. A. Travers, 12 Goorkhas, Offg. Aide-de-Camp.
Lieut. P. Holland, 5 P. L., Extra Aide-de-Camp.
Surgeon-Major C. W. Owen, G.C.S., G.C.I.E., Surgeon.
Messiair Major Ganda Singh, "Sirdar Bahadur," 12th B. L., Native Aide-de-Camp.

Secretaries to the Government of India.

FINANCIAL DEPARTMENT.

E. J. Snodgrass, L.D., B.C.S., Secretary, Rs. 4,000.
J. F. Finlay, M.A., E.C.S., Deputy Secretary, Rs. 2,350.
E. Lawrence, B.A., C.S., Under Secretary, Rs. 1,900.
T. E. O'Connor, M.S., M.I.S., Assistant Secretary, Rs. 1,500.

HOME DEPARTMENT.

A. P. MacDonnell, G.C.I., M.A., C.S., Secretary, Rs. 4,000.
J. P. Hewitt, B.C.S., Under-Secretary, Rs. 1,900.
J. A. Stowell, Registrar, Rs. 700.

REVENUE AND AGRICULTURAL DEPARTMENT.

Sir R. C. Buck, Kt. C.S., Secretary, Rs. 4,163-10-8.
W. B. Lawrence, G.C.S., Under-Secretary, Rs. 1,900.

FOREIGN DEPARTMENT.

Sir H. M. Darnand, (Barrister-at-Law), G.C.I.E., G.C.S.I., E., Secretary, Rs. 4,000.
W. J. Cunningham, B.C.S., Under-Secy., Rs. 1,700* (on furl.)
H. S. Barnes, Esq., Offg. do.
J. A. Crawford, C.S., Junior do., 1,200 (on dep.)
G. R. Irwin, G.S., Offg. do. (on dep.) Rs. 1,033-5-4.
Lieut. W. H. Cornish, Assistant Secretary, Rs. 1,000.

LEGISLATIVE DEPARTMENT.

S. H. James, C.S., Secretary, Rs. 3,500.
J. M. Macpherson, (Barrister-at-Law), Dy. do., 2,000.
Col. H. S. Jarrett, Asst. do., 2,000 (on furl.)
Captain J. B. Sadler, Offg. do.

MILITARY DEPARTMENT.

Major Genl. F. H. H. Collen, C.I.E., P.A.C., S.C.	Secretary.
Lieut.-Col. T. Deane, B.S.C.	(on dep.) Dy. Secretaries.
Colonel A. C. Toker, C.B., B.S.C.	
Major J. B. Broadbent, R.E.	1st Asst. Secretary, (on dep.)
Major E. G. Barrow, 7th B.I.	2nd do.
Captain S. D. Gordon, 19th B.I.	3rd do.
Major S. E. Grant	Offg.

DEPARTMENT OF PUBLIC WORKS.

H. C. Levinge, B.A., M.L.C.E.	Secretary and Chief Engr. for Irrign. and Railway Works, Rs. 2,500.
Colonel R. C. B. Pemberton, R.E.	Secretary, P. W. Dept.
Colonel R. Home, C.I.E., R.E.	Insp. Genl. of Irrigation and Dy. Secy.
Lt.-Col. J. Conway-Gordon, C.I.E., R.E.	Director Genl. of Railways and Dy. Secy.
Major M. C. Brackenbury, R.E.	Dy. Director Genl. of Railways and Under Secy.
Colonel A. J. Mearns, R.E.	Acct. Genl. & Dy. Secy., Accounts Branch, (on furlough.)
Lt. Col. A. G. Begbie, R.E.	Dy. Acct. Genl. and Under-Secy.—Offg.

ECCLESIASTICAL ESTABLISHMENT.

SEE OF CALCUTTA.

The Most Rev. Edward Ralph Johnson, D.D., Lord Bishop of Calcutta and Metropolitan of India and the Island of Ceylon, Pay Rs. 2,831-6-8.
The Ven. F. J. Mitchell, Archdeacon of Calcutta and Commissary, Rs. 1,000-10-8 + 175.
Rev. H. O. Moore, Domestic Chaplain to the Lord Bishop, Pay Rs. 500.
Charles Hodge Esq., Esq., Registrar of the Archdeaconry of Calcutta, and Secretary to the Lord Bishop, Pay Rs. 400.

POST OFFICES.

A. U. Panahwa, Esq., C.S.I.	Director-General of the Post Offices of India.
P. Sheridan, Esq.	Dy. Director-General of do. do.
W. J. Ham, Esq.	1st Asst. Director-General of Post Office.
L. G. Watt, Esq.	2nd Asst. Director-General of do.
E. C. O'Brien, Esq.	3rd Asst. Director-General of do.
H. Hutton Esq.	Comptroller, Post Office.
Wooma Churn Das, Esq.	Dy. Comptroller, Post Office.
H. M. Kitch, Esq., M.A., (Barrister-at-Law)	
C.S.	Post Master General, Bengal.
W. P. Symonds, C.S.	Post Master General, Bombay.
H. Farrer, Esq., C.S.	Post Master General, Madras.
Kavaji Jamsjee Badsha, Esq., P.O.S.	Post Master General, N. W. Provinces.
J. Dillon, Esq.	Post Master General, Punjab and Sindh.
P. Owens, Esq.	Offg. President of Post Master, Calcutta.
O. A. Stuart, Esq.	Presidency Post Master, Bombay.
S. Sullivan, Esq.	Presidency Post Master, Madras.

JUDGES OF THE HIGH COURT OF JUDICATURE.

The Hon'ble Sir William Comar Petheram, *Knight*, Q.C.—Chief Justice, Pay Rs. 6,000.

PUISNE JUDGES.

Hon. Bodanesh Chander Mitter, M.L.	Hon. J. O'Kinsely, Pay Rs. 4,166-10-3.
Pay Rs. 4,166-10-3.	W. Macpherson, B.C.S.
" H. T. Prinsep, C.S.	" H. J. Trevelyan, (Barrister-at-Law).
" A. Wilson,	" Babu Chunder Madhab Chatterjee,
" L. R. Tottenham, C.S.,	" H. Beverley, M.A., C.S.
" J. F. Norris,	" Da. Gurus Das Banerjee, (Barrister-at-Law).
" J. Q. Pigot, M.A.,	"

* Includes Rs. 200 as an officer in charge of the office of Press Commissioner, with the Government of India.

Hon. G. C. Paul, B.A., C.I.E., Advocate-General.—Pay Rs. 3,448.
A. Phillips, (Barrister-at-Law), Standing Counsel.
R. L. Upton, Government Solicitor.—Pay Rs. 2,000.
A. B. Miller, (Barrister-at-Law), Official Trustee, and Official Assignee.
J. C. Macgregor, Receiver.
M. Belchambers, Registrar, Original Side, Record-keeper, &c.—Pay Rs. 1,875.
C. M. W. Brett, (Barrister-at-Law), C.S., Registrar and Taxing Officer, Appellate Side.—Pay Rs. 1,700.
J. H. Belchambers, Dy. Registrar and do.
Hon. T. T. Allen, C.S., Supt. and Remembrancer of Legal Affairs.—Pay Rs. 3,000.
J. V. Woodman, (Barrister-at-Law), Chief Law Reporter.
Annoda Persad Banerjee, Senior Government Pleader.—Pay Rs. 300.
Juggadannund Mukerjee, Junior do.—Pay Rs. 300.
J. P. Apcar, (Barrister-at-Law), Clerk of the Crown for Criminal Sessions.
W. R. Flink, Chief Clerk.
W. H. Joyce, Offg. Private Secy. and Clerk to the Chief Justice.
Dr. E. W. Chambers, Coroner of Calcutta.

COURT OF SMALL CAUSES, CALCUTTA.

H. Millett, (Barrister-at-Law), Chief Judge.—Pay Rs. 2,000 to 2,500.
R. S. T. McEwen, (Barrister-at-Law), Second Judge.—Pay Rs. 1,400 (on furlough).
T. Jones, (Barrister-at-Law), Offg. do.—Pay Rs. 1,125.
G. C. Seones, (Barrister-at-Law), Third Judge.—Pay Rs. 1,300.
T. Jones, (Barrister-at-Law), Fourth Judge.—Pay Rs. 1,125.—Offg. as Second Judge.
K. M. Chatterjee, (Barrister-at-Law), Offg. Third Judge.
Sree Nath Roy, Offg. Fourth Judge.
Abul Hassan, (Barrister-at-Law), Registrar and Chief Ministerial Officer with powers of a Judge.—Pay Rs. 750.
Mohendra Nath Bose, Judge, Provincial Court, Nuddea and Jessore.—Pay Rs. 1,000.

BENGAL.

COUNCIL OF THE LIEUT. GOVERNOR OF BENGAL FOR MAKING LAWS AND REGULATIONS.

PRESIDENT.

The Honorable Sir Stuart Colvin Bayley, K.C.S.I., C.I.E., C.S., Lieut.-Governor of Bengal, appointed 2nd April 1887.—Pay Rs. 8,333-5-4.

COUNCILLORS.

The Hon. Sir G. C. Paul, K.C.I.E., 10th Dec. 1887.	The Hon. Dr. Mohendro Lal Sircar, C.I.E., 26th Jan. 1889.
" P. Nolan, 2nd April 1886.	" C. H. Moore, 10th Dec. 1887.
" Sir H. L. Harrison, Kt., 3rd Feb. 1888.	" H. Pratt, 3rd April 1888.
" T. T. Allen, 24th Nov. 1886.	" Shalazada Muhammad Ferokh Shah, 7th Dec. 1888.
" C. P. L. Macanlay, C.I.E., 7th Dec. 1888.	" Dr. Rash Behari Ghose, 7th Dec. 1888.
" Sir Alfred Craft, K.C.I.E., 17th Feb. 1889.	" Rajah Rameshwar Sing Bahadur, 22nd Dec. 1888.

P. C. Lyon, Private Secretary.—Pay Rs. 1,166-10-3.
 Captain J. W. Currie, 20th M.L. (Aide-de-Camp).—Pay Rs. 250 + 374-1-0.
 Sir J. Ware Esq., C.S., K.C.I.E., C.I.E., Chief Secy., Judcl. and Pol. Depts.—Pay Rs. 3,333-5-4.
 Hon. P. Nolan, Secy. in the Genl. and Revenue and Statistical Depts.—Pay Rs. 2,916-10-8.
 Hon. C. P. L. Macanlay, M.A., C.S., C.I.E., Secy. in the Fincl. Dept.—Pay Rs. 2,916-10-8.—(on furlough).
 H. J. S. Cotton, Acting do. do. do.
 E. W. Carlyle, C.S., Under Secy., Judicial, Politi. and Appt. Depts.—Pay Rs. 1,000.
 L. P. Shires, M.A., C.S., Under Secy., Fincl. Department, Pay Rs. 1,000.
 H. W. C. Carudaff, C.S., Under Secy., Genl. and Statistical Dept. —Pay Rs. 1,000.
 C. H. Bely, (Barrister-at-Law), Asst. Secy., Legislative Dept.—Pay Rs. 1,000.
 E. J. Martin, Secretary to Govt. P. W. D., and Chief Engineer of Highways and Railway Works.—Pay Rs. 2,000.

Col. J. M. McNeill, R.E., Joint Secy. to Govt. and Chief Engr. for Irrigation.—Rs. 2,000-4-0—
(on special leave.)
Lt.-Col. C. W. I. Harrison, Offg. do. do. —Salary Rs. 2,043-8-0.
Col. D. H. Trail, R.E., Examiner of Public Works Accounts, Bengal.—Rs. 1,800. (on special leave.)
Lt. Col. H. R. LeM. Carey, B.S.C., Offg. do. do.
F. B. Peacock, C.S., Member, Board of Revenue.—Pay Rs. 4,000.
Hon. F. M. Halliday, Member of the Board of Revenue.—Pay Rs. 4,000.
H. J. S. Cotton, Secy., Board of Revenue.—Pay Rs. 2,500—on dep.
C. M. Bolton, Offg. do. do.
C. E. Buckland, C.S., (Barrister-at-Law), Junior Secy.—Pay Rs. 1,800.
M. Finncane, M.A., Director of Land Records.—Pay Rs. 1,800.
J. S. Armstrong, C.S., Collector, Custom House.—Pay Rs. 2,450.
R. Drake, Officiating Collector of Income Tax.
C. V. Westmacott, C.S., Commr. of Excise.—Pay Rs. 2,000.
F. C. Barnes, Superintendent of Stamps and Stationery.—On sick leave.
E. Drake, Offg. do. do.
F. J. Marsden, (Barrister-at-Law), Chief Presidency Magistrate.—Pay Rs. 1,500.
The Hon. Sayid Amir Hussain, C.I.E., Presidency Magt., Northern Div.—Pay Rs. 1,230.
Lieut.-Colonel A. W. Baird, R.E., Milit. Master, Calcutta.
Colonel J. Bidolph, S.C., Political Agent, 1st Class on furlough.
Surgeon Major R. Dowman, I.M.S., (B.A.) Residency Surgeon, Turkish Arabia, Baghdad.
Captain W. H. Cornish, S.C., Political Agent, 3rd class, Asst. Secy., Foreign Department.
Captain A. G. A. Durand, C.I.E., British Agent, Gilgit.
Lieut.-Colonel F. H. Jackson, D.C.L.I., Offg. Resident, 2nd class, and Offg. Agent to the Governor General, Baroda.
Colonel H. S. Jarrett, S.C., Secy. to the Board of Examiners, Fort William.
Major W. B. O. Wyllie, C.I.E., S.C., Political Agent, 2nd class, on furlough.
Major C. E. Yate, C.I.E., M.A., B.A., S.C., Political Agent, 3rd class, on furlough.
Major H. Endicott, S.C., Dy. Commr., 2nd grade, Offg. 2nd grade, Jhalapore.
Colonel G. H. Garbett, S.C., Dy. Commr., 1st grade, Hazaribagh.
Major A. B. Gordon, S.C., Dy. Commr., 3rd grade, on deputation, Cooch Behar.
Lt.-Colonel W. Hopkinson, G.L.I., Cant. Magt., 1st class, Dhapore, Offg. Cant. Magt., Barrackpore.
Colonel W. L. N. Knyvet, M.S.C., Dy. Engr.-Genl. Offg. Insp.-Genl. of Police.
Colonel E. G. Lillington, S.C., Dy. Commr., 1st grade, Lohardogga.
Colonel W. L. Samuels, S.C., Dy. Commr., 2nd grade, Singbom.
J. Beaune, C.S., Commissioner, Bhagalpore Division.—Pay Rs. 2,916 + 250.
N. S. Alexander, C.S., Commissioner, Burdwan Division.—Pay Rs. 2,916 + 250.
D. H. Lyall, C.S., Commissioner, Calcutta Division.—Pay Rs. 2,916 + 250.
J. Boxwell, C.S., Commissioner, Chota Nagpore Division.—Pay Rs. 2,916 + 250.
C. T. Metcalfe, C.S., C.I.E., Commissioner, Orissa Division, and Sept. of Outback Tributary Mahals.—Pay Rs. 2,916 + 250.—(on furlough.)
Hon. F. M. Halliday, C.S., Commissioner, Patna Division.—Pay Rs. 2,916 + 250.
A. Smith, C.S., Commissioner, Procy. Division.—Pay Rs. 2,916 + 250.
E. E. Lewis, Commr., Rajshahi, Cooch Behar Div.—Pay Rs. 2,916 + 250.
C. F. Worsley C.S., Commissioner, Dacca Div.—Pay Rs. 2,916 + Rs. 250.
W. F. R. Cowley, C.S., Judicial Commr., Chota Nagpore.—Pay Rs. 2,500.
W. Kemble, C.S., Opium Agent, Behar.—Pay Rs. 3,000.
J. H. Rives-Carnac, C.S., C.I.E., Opium Agent, Benares.—Pay Rs. 3,000.
Hon. H. L. Harrison, B.A., C.S., (Barrister-at-Law), Chairman of the Corporation of the Town of Calcutta and Commr. of Police.—Pay Rs. 3,716-10-8 + 500 House rent.
H. F. T. Atkinson, B.A., C.S., Accountant General.—Salary Rs. 2,750 + 250 L.A.
J. E. Cook, Deputy Accountant General.—Pay Rs. 1,500.
J. C. Vessey, C.S., Inspector-General of Police.—Pay Rs. 2,500.
W. D. Blyth, M.A., C.S., Inspector-General, Registration Dept.—Pay Rs. 1,500.
Feroz Chauder Ghose, M.A., Registrar of Calcutta and also Registrar of Joint Stock Companies.—Pay Rs. 600.
A. L. Hume, Conservator of Forests.—Salary Rs. 1,200.
A. U. Panstowe B.C.S., Director General of the Post Office of India.—Pay Rs. 3,300.
P. Sheridani, Dy. do. do. —Pay Rs. 1,750 to 2,000.
C. Hutton, Offg. Comptroller, Post Office, Pay Rs. 800 to 1,200 + H. R. 125.
H. M. Kishan, (Barrister-at-Law), M.A., C.S., Post Master General.—Pay Rs. 1,800 + H. R. 50.
F. J. Marsden, Judge of the Court for the trial of Pilots.—Pay Rs. 300.
Surgeon Major A. S. Leithbridge, M.D., Inspector General of Jails, Bengal.—Pay Rs. 2,000.
Hon. A. W. Croft, M.A., M.C.L., Director of Public Instruction.—Pay Rs. 2,500.—(on dep.)
C. H. Tawney, C.I.E., M.A., Offg. do. do.
Dy. Surg. Genl. A. H. Hissam, M.A., Inspector General of Civil Hospitals.—Pay Rs. 2,250.
Surg. Major, W. H. Gregg, M.D., Sanitary Commissioner.—Pay Rs. 375.
Dr. P. Richard, Health Officer, Port of Calcutta.—Pay Rs. 1,200 + 100 House rent.

Surg. Major D. W. D. Comins, Protector of Emigrants and Superintendent of Emigration.—Pay Rs. 1,200 + 120.
Surg. Major Geo. King, M.B., Supt., Royal Botanical Gardens.—Pay Rs. 1,500.
E. W. Pelley, Port Officer and Master Attendant.
E. M. Lewis, Superintendent, Govt. Printing in Bengal.—Pay Rs. 1,000.
A. Fedler, Meteorological Reporter to Government.—Pay Rs. 300.
C. H. Tawney, M.A., Principal, Presidency College.—Pay Rs. 1,500. Also Registrar of Calcutta University.—(on dep.)
Brig. Surg. J. M. Coates, M.D., Principal, Medical College, Bengal.—Pay Rs. 1,800.
Chunder Nath Bose, M.A., Bengali Translator to Govt.—Pay Rs. 400.
Rai Sohan Lal, Urdu and Hindee Translator to Govt.—Pay Rs. 300 to 400.

POLITICAL RESIDENTS, CHIEF COMMISSIONERS, &c.

Brigadier-General A. G. F. Hogg, C.B., Resident and Collector of Stamp Revenue, in charge of the Vice-Admiralty Court, Aden.—Pay Rs. 3,000 + 500 Sumptuary allowance.
A. P. Howell, C.S., Resident, 1st Class, Hyderabad.—Pay Rs. 5,000.
E. L. Petre, C.S., First Asst. and Secy. for Berar to the Resident.—Salary Rs. 1,450.
Surgeon Major E. Lawrie, M.B., Residency Surgeon, Hyderabad.—Salary Rs. 2,433-12-2.
Col. K. J. L. Mackenzie, M.S.C., Judicial Commissioner, Berar.—Pay Rs. 2,300.
T. J. C. Flowden, C.S., Commissioner, (Berar)—Pay Rs. 2,750 + 200.
Rao Bahadur Purushottam Rao Narayana, Judge, Small Cause Court, Amraoti.—Pay Rs. 600.
Sirihishna Narhar Akola.—Pay Rs. 600.
Col. C. T. Lane, B.S.C., Inspector General of Jails, Registration, Police and Stamps.—Pay Rs. 1,600.—(On furlough).
Surgeon Major C. Little, Sanitary Commissioner, Inspector General of Dispensaries and Superintendent of Vaccination.—Pay Rs. 1,200.
Rao Bahadur Shriam Bhikaji Jatar, B.A., Director of Public Instruction.—Pay Rs. 1,000.
F. Henvey, S.C., Agent to the Governor-Genl. and Resident, Indore, Central India.—Pay Rs. 2,000 + 250.
Major D. W. K. Barr, Resident, Gwalior, 2nd Class.—Pay Rs. 2,500.
Col. Sir O. E. C. St. John, C.B., R.E., Resident of Mysore and Chief Commr., Coorg, 1st Class.—Pay Rs. 4,000 + 500.
Lieut. L. S. Newmarsh, B.S.P., Assistant to Resident and Secretary to the Chief Commissioner of Coorg.—Salary Rs. 800 + 250.
Surgeon Major A. F. Johnson, M.B., Residency Surgeon, Mysore.—Pay Rs. 950.
Col. W. Hill, M.S.C., Civil and Sessions Judge, Civil and Military Station, Bangalore.—Pay Rs. 1,200.
Col. C. K. M. Walter, S.C., Sub. Insp. and Resdt., 1st Class, and Agent to the Governor-General, Rajputana.—Pay Rs. 4,350.
Col. G. H. Trevor, M.S.C., Resident, 2nd Class Commissioner, Ajmere (Merwara).—Pay Rs. 2,000 + F.T. Rs. 150.
Col. S. B. Miles, Resident, 2nd Class in Meywar.—Pay Rs. 2,000.
Lt.-Col. W. F. Pridemore, Resident, 2nd Class, Eastern Rajputana States (Jeypore).—Pay Rs. 200 + 100.
Col. F. W. Powdrell, S.C., Resident, Western Rajputana States (Jodhpore).—Pay Rs. 2,000.
Major R. L. Durand, C.B., B.S.C., Resident, 2nd Class, Nepal.—Pay Rs. 2,500 + L.A. 250.
Genl. Sir H. N. D. Prendergast, K.C.B., V.C., Resident, 2nd Class, and Agent to the Governor-General, Baroda.—Pay Rs. 2,500.
Lt.-Col. E. P. Nisbet, C.I.E., (Barrister-at-Law), Resident, 2nd Class, Kashmir.—Pay Rs. 2,250 + 100.
Col. W. Tweedie, S.C., C.I.E., Resident and Consul-General, 2nd Class, Turkish Arabia.—Pay Rs. 2,500.
Col. T. Cadell, V.C., Chief Commr., Port Blair and Nicobar Islands.—Pay Rs. 3,000.—(on furlough).
Lt.-Col. L. H. E. Tucker, Offg. do. do. —Salary Rs. 1,200 + 856.
Hon. Sir G. C. Paul, M.A., M.C.L., (Barrister-at-Law), Advocate Genl.—Pay Rs. 3,448-8-0.
A. Phillips, (Barrister-at-Law), Standing Council.
B. L. Upson, Solicitor to Government.
Col. E. C. Ross, B.A., C.S., Resident, 2nd Class, Persian Gulf.—Pay Rs. 2,500 + 250.
Col. P. D. Henderson, C.B., Resident, 2nd Class, and Genl. Supt. of Operations for Thagi and Dakaiti.—Pay Rs. 2,500.
Col. Sir R. G. Sundeman, K.C.I.E., Resident, 1st Class, and Agent to the Govt.-Genl., Beluchistan.—Pay Rs. 2,500.
Khan Bahadur Allah Baksh, Native attaché, holding charge of Sardar Ayub Khan.—Pay Rs. 1,000.
Col. V. E. Law, Madras G.L.C., Political Agent, 2nd Class, in charge of El-Amir Muhammad Yekub Khan of Kabul.—Pay Rs. 1,300—H. R. 1,700 per annum.
S. M. Fraser C.B., Tutor and Guardian to the Rajah of Kolhapur, the Chief of Royal and the Kunwar of Sahab Bhavansgar.

Central Provinces.

A. Mackenzie, B.A., C.S.I., C.S., Chief Commissioner.—Pay Rs. 4,100 + 500.
 Lindsay Neill, C.S., Secretary to the Chief Commissioner.—Pay Rs. 2,000 (on dep.)
 L. R. Lawrie, C.S., (*Barrister-at-Law*), Offg. do. Salary Rs. 1,500-10-8.
 A. D. Saunders, C.S., (*Barrister-at-Law*), Under Secy. do. —Pay Rs. 800.
 C. E. B. Critchley, C.S., Assistant Secretary to Chief Commissioner.—Pay Rs. 800.
 A. H. L. Fraser, (*Barrister-at-Law*), M.A., C.S., Junior Secretary and Director of Agriculture.—Pay Rs. 1,500 (on dep.)
 J. B. Fuller, C.S., Offg. do.
 R. J. Crosthwaite, B.A., C.S., (*Barrister-at-Law*), Judicial Commissioner.—Pay Rs. 2,165-10-8.
 H. M. Lawrie, M.A., C.S., Registrar to the Judicial Commissioner.—Salary Rs. 800.
 F. Venning, C.S., Commissioner, Nagpore Division.—Pay Rs. 2,500 + 250. (on dep.)
 Col. M. M. Bowie, Offg. do.
 J. W. Chisholm, Commissioner, Chattisgarh Division.—Pay Rs. 2,500 + 250.
 J. W. Neill, Offg. Commissioner, Jabulpore Division.—Pay Rs. 2,500 + 250.
 A. P. Howell, M.A., C.S., Commr., Nerbudda Division.—Pay Rs. 2,500 + 250. (on dep.)
 Col. H. C. E. Ward, C.I.E., Offg. do.
 J. B. Fuller, J.S., Commissioner of Settlements and Agriculture.—Pay Rs. 1,800 (on furlough.)
 J. J. Goodridge C.S., Offg. do. —Salary Rs. 1,400.
 Anlad Hussain, Khan Bahadur, C.I.E., Settlement Officer, Mandla.—Pay Rs. 1,000.
 F. C. Anderson, C.S., Commr. of Excise, Supt. of Stamps and Insp.-Genl. of Registration.—Pay Rs. 1,200 (on dep.)
 —Salary Rs. 1,035-5-4.
 H. H. Priest, C.S., Offg. do.
 Col. T. W. Hogg, Judge, Small Cause Court, Nagpur, Depr. Commr., 4th Class, Offg. 3rd Class, Mandla.—Pay Rs. 1,000.
 Bapu Rao Patwardhan, Rao Sahib, Offg. do. Salary Rs. 800.
 D. O. Metkelfohn, (*Barrister-at-Law*), C.S., Judge, Small Cause Court, Jabulpore.—Pay Rs. 800 (on dep.)
 Biresar Das, Rai Bahadur, Offg. do. do. Salary Rs. 600.
 Col. M. M. Bowie, Inspector-General of Police and Jails, Offg. Commr., Nagpur Division.—Pay Rs. 1,800. (on dep.)
 Col. H. A. Hammond, Offg. do. do.
 A. Munro, M.A., B.C.L., (*Barrister-at-Law*), Insp.-General of Education.—Pay Rs. 1,250 to 1,400.
 —Salary Rs. 1,250.
 G. Thompson, B.A., Offg. do.
 W. Young, Principal, Jabulpore College.—Pay Rs. 800.
 Dy. Surg. Genl. J. Richardson, M.B., Sanitary Commr.—Pay Rs. 1,800.
 Col. J. C. Doveton, Conservator of Forests.—Pay Rs. 1,500. (on furlough.)
 R. H. E. Thompson, Offg. do. Salary Rs. 1,000.
 Khan Cowasji Jamshedji Lalooa, Bahadur, Offg. Deputy Post Master General.
 H. E. Thompson, Chief Superintendent, Telegraph Dept., Nagpur Divn.—Pay Rs. 1,000.
 R. E. Hamilton, Comptroller, Central Provinces.—Pay Rs. 1,350. (on furlough.)
 C. J. Rivett-Carnae, Offg. do. Salary Rs. 1,100.
 Col. H. H. H. Hallett, Supt., School of Industry and Central Jail, and Cantonment Magistrate, Jabulpore.—Pay Rs. 1,000.
 J. A. C. Skinner, C.S., Political Agent for the Chhatisgarh Feudatories, Raipur.
 J. J. H. Glass, Suptg. Engineer and Secretary to Chief Commissioner, P. W. Department.
 I. S. Sherlock-Hubbard, Examiner, P. W. Accounts.—Pay Rs. 800.

Assam.

The Hon. W. J. Quinton, C.S.I., Chief Commissioner.—Pay Rs. 4,600-10-8.
 C. J. Lyall, M.A., J.D., C.S., C.I.E., Secretary to the Chief Commissioner.—Pay Rs. 2,000.
 R. S. Greenhalgh, C.S., Assistant Secretary to Chief Commissioner.—Pay Rs. 700.
 Capt. H. B. Browne, B.S.C., Personal Asst. to the Chief Commr.—Pay Rs. 700.
 H. Luttman-Johnson, C.S., Judge and Commissioner of the Assam Valley Districts.—Pay Rs. 2,500 + 250. (on furlough.)
 B. H. Greaves, C.S., District and Sessions Judge, Sylhet and Cachar.—Pay Rs. 2,000.
 H. C. Williams, C.S., Inspector Genl. of Police and Jails, and Supt. of Stamps and Registration, and Commissioner of Excise.—Salary Rs. 1,835-5-4.
 Deputy Surgeon-Genl. C. P. Costello, F.R.C.S.E., Sanitary Commissioner.—Pay Rs. 1,200.

Burma.

Sir C. H. T. Crosthwaite, B.C.S., K.C.S.I., Chief Commissioner.—Pay Rs. 5,166-10-8 + Summary Allowance, Rs. 500.
 F. W. R. Fryer, B.C.S., Financial Commissioner.—Pay Rs. 3,000.
 E. S. Symes, B.C.S., C.I.E., Secretary to the Chief Commissioner and Inspector-General of Prisons, and Officer in charge of State Prisoners.—Pay Rs. 2,500 + E. A. 300. (on dep.)
 H. T. White, B.C.S., Offg. do. —Salary Rs. 2,155-10-8.
 H. T. White, B.C.S., Secretary to Chief Commissioner, Upper Burma.—Pay Rs. 1,300. (on deputation.)
 C. G. Bayne, B.C.S., Offg. do.
 C. G. Bayne, B.C.S., Under Secy.—Pay Rs. 1,400. (on deputation.)
 G. C. Kynoch, Assistant Secretary.—Pay Rs. 800.
 R. P. Stander, Personal Assistant to the Chief Commissioner.
 W. F. Hall, B.C.S., M.A., D.L.B., Director of Land Records and Agriculture.—Pay Rs. 1,250-1-0.
 Lieut.-Col. W. G. Canning, R.E., Secretary in the Public Works Dept. and Chief Engineer.—Pay Rs. 2,013-8-0.
 G. D. Burgess, B.C.S., Commissioner.—Pay Rs. 2,500. (on furlough.)
 G. J. S. Hodgkinson, B.C.S., C.S.I., Commissioner, Pegu Division.—Pay Rs. 2,500.
 W. de Courcy Ireland, M.A., J.D., Commissioner.—Pay Rs. 2,750. (on furlough.)
 H. S. G. Tucker, B.C.S., Commr., Eastern Division.—Pay Rs. 2,500. (on furlough.)
 D. M. Smeaton, M.A., B.C.S., Commr., Central Division.—Pay Rs. 2,500.
 J. J. Le Touche, B.C.S., Commr., Southern Division.—Pay Rs. 2,500.
 Col. W. C. Plant, M.S.C., Commr., Tinnassery Division, Moulmein.—Pay Rs. 2,600.
 Col. G. A. Steever, M.S.C., Commr., Northern Divn., Upper Burma.—Pay Rs. 2,500.
 E. S. Symes, C.I.E., Offg. Commissioner, Eastern Division.—Salary Rs. 2,900.
 Col. W. J. Sexton, M.S.C., Conservator of Forests, 1st Grade.—Moulmein.—Pay Rs. 1,500.
 F. W. E. Fryer, M.A., C.I.E., Chief Customs Authority.
 E. Darlington, Chief Collector of Customs.—Pay Rs. 1,800.*
 H. Adamson, M.A., B.C.S., Settlement Officer, Akyah.—Pay Rs. 1,950.
 F. S. Coleston, B.C.S., Commr. of Excise and Stamps, and Insp.-General of Registration.—Pay Rs. 1,250.
 G. J. Hynds, Dy. Post Master General, Rangoon.—Pay Rs. 1,000 to 1,400 and L. A. 100 + Field Allowance Rs. 200.
 H. R. Heysham, Post Master, Rangoon.—Pay Rs. 500.
 T. C. Hill, Supt. of Telegraph Dept., Rangoon.—Pay Rs. 1,475 and A. 50.
 T. H. Bage, Comptroller.—Pay Rs. 1,350.
 W. E. Ward, M.A., C.S., Judicial Commissioner.—Pay Rs. 2,830 (on furlough.)
 W. F. Agnew, Recorder of Rangoon.—Pay Rs. 2,880. (on furlough.)
 J. E. G. Villa, Registrar of the Court of Records of Rangoon and of the Special Court of Burma.—Pay Rs. 350.
 D. G. Macdonald, M.A., J.D., (*Barrister-at-Law*), Judge, Moulmein.—Pay Rs. 1,600.
 W. Bigge, First Judge, Court of Small Causes, Rangoon.—Pay Rs. 1,000 to 1,250.
 Monna Ba Mwa, Second Judge, Pay Rs. 500.
 S. Richardson, Court Judge, Mandalay.—Pay Rs. 700 to 1,000.
 C. E. Fox, (*Barrister-at-Law*), Government Advocate.—Salary Rs. 1,200.
 A. J. Vailhart, Govt. Prosecutor, Rangoon.—Pay Rs. 400.
 C. W. Law, do. do. —Pay Rs. 300.
 Surgeon Major D. Smith, M.B., C.I.E., Insp.-Genl. of Jails with Civil Mdl. Administration.—Pay Rs. 1,000.
 Br. Genl. H. Stedman, B.S.C., Inspector General of Police, Mandalay (Upper Burma).—Pay Rs. 2,250.
 Captain F. Warren, Port Officer, Rangoon.—Pay Rs. 1,120. (on furlough.)
 Captain J. A. Wilson, Offg. do.
 J. V. Pope, M.A., Director of Public Instruction.—Pay Rs. 1,250 to 1,500.
 The Right Reverend John Miller Strachan, M.D., Lord Bishop of Rangoon.
 The Rev. W. C. Noyes, Archdeacon.—Pay Rs. 800. (on furlough.)
 Rev. J. Fairbairn, Offg. do.
 J. A. H. Heaton, M.A., (*Barrister-at-Law*), Registrar of the Diocese.—Allowance Rs. 50.
 H. T. White, C.S., Officer in charge of Delhi State Prisoners, Rangoon.—Pay Rs. 200.
 Taw Sein Kho, Government Translator.—Pay Rs. 300.
 P. Fouchambert, Ph.D., Govt. Archaeologist, Rangoon.—Pay Rs. 150.
 J. F. Regan, Superintendent of Government Printing.—Pay Rs. 700 + H. A. Rs. 70.

* Draws an allowance of Rs. 300 as Vice-Chairman, Rangoon Port Commissioners.

North-Western Provinces and Oudh.

The Hon. Sir Auckland Colvin, K.C.M.G., J.L.E., C.S., Lieut.-Govr. of the N. W. Provinces and Chief Commissioner, Oudh.—Pay Rs. 8,338-5-4.
 Lieut. J. R. C. Colvin, Private Secretary.—Salary Rs. 725-12-0.—(on dep.)
 Lt. J. Strachey, 11th B. L., Offg. do. Salary Rs. 725-12-0.
 Captain L. Gordon, R.O.S.A., Aide-de-Camp.—Salary Rs. 824-1-6.
 J. Woodburn, C.S., Chief Secy. to the Govt., North-West Provinces.—Pay Rs. 3,000.
 W. C. Bennett, C.S., Secretary to Govt., Judicial, Forest and Oudh Revenue Department.—Pay Rs. 2,200.
 R. Smeaton, C.S., Secretary, Financial Dept.—Pay Rs. 1,833-5-4.
 L. M. Thornton, C.S., Under Secretary.—Pay Rs. 1,000.—(on furlough.)
 W. H. L. Impey, C.S., Under Secretary.—Pay Rs. 1,000.
 W. R. Partridge, C.S., Under Secretary.—Pay Rs. 1,000.
 J. Power, C.S., Offg. Under Secretary.
 Colonel J. G. Forbes, B.E., Secretary to Govt., P. W. Dept.—Pay Rs. 2,394-5-0.
 J. H. Rivett-Carnac, C.S., C.I.E., P.A.A., Opium Agent (Gazipur).—Pay Rs. 1,000.
 Surgeon P. A. Weir, M.A., M.D., Principal Asst. to Opium Agent.—Pay Rs. 1,000 (on furlough).
 G. M. Gregory, P.C.S., Officiating do. Salary Rs. 700.
 R. Wall, (Barrister-at-Law), C.S., Insp. Genl. of Regt. and Commr. of Revenue and Stamps and also Registrar of Joint Stock Companies.—Pay Rs. 2,250.
 W. Young, (Barrister-at-Law), C.S., Judicial Commissioner, Oudh.—Pay Rs. 3,000 (on furlough).
 J. Dyson, C.I.S., Offg. Judicial Commissioner.
 J. Hoskins, Registrar do. Pay Rs. 500.
 Lala Sri Ram, M.A., B.A., Govt. Pleader for Oudh and Police Prosecutor for all cases coming before the Judicial Commissioners, Oudh.—Pay Rs. 200.
 C. A. Daniell, C.S., Senior Member, Board of Revenue.—Pay Rs. 1,200.
 J. C. Robertson, C.S., Junior Member, Board of Revenue.—Pay Rs. 1,000.
 Major F. Barrow, S.C., Dy. Commr., 3rd grade. (On furlough).
 Lieut. Col. T. R. Cowie, S.O., Dy. Commr., 3rd grade, Offg. 2nd grade, Rhen.
 Colonel F. Currie, Cavalry, Contar., Rao Bareilly Division. (On furlough).
 Lieut. Colonel W. P. Harrison, G.L.I., Dy. Commr., 3rd grade, Offg. 2nd grade, Bahraich.
 Colonel N. M. T. Horsford, S.C., Dy. Commr., 3rd grade. (On furlough).
 Colonel J. Liston, S.C., Dy. Commr., 3rd class. (On furlough).
 Colonel C. S. Noble, S.C., Dy. Commr., 1st grade. (On furlough).
 Colonel D. G. Pitcher, S.O., Dy. Commr., 2nd grade, Offg. 1st grade, Haidar.
 Colonel T. J. Quinn, G.L.I., Asst. Commr., 1st class, Offg. Dy. Commr., 2nd grade, Unao District.
 C. J. Connell, C.S., Secy. to the Board of Revenue.—Pay Rs. 2,000.
 J. M. Hobbs, Junior Secretary.—Salary Rs. 800 + 150.
 W. E. Davies, Assistant Secretary.—Pay Rs. 600.
 E. J. Lawrence, C.S., C.I.E., Commissioner, Meerut Division.—Pay Rs. 2,916-10-8 + 250.
 J. J. F. Leansden, C.S., Commissioner, Benares Division.—Pay Rs. 2,916-10-8 + 250.
 J. C. Robertson, C.S., Commissioner, Rohilkhand Division.—Pay Rs. 2,916-10-8 + 250 (on dep.).
 W. T. Church, Offg. do. —Salary Rs. 3,831-5-4 + 250.
 A. J. Lawrence, C.S., Commissioner, Allahabad Division.—Pay Rs. 2,916-10-8 + 250.—(on dep.).
 A. M. Harrington, C.S., Offg. do. —Salary Rs. 2,916-10-8 + 250.
 G. L. Lang, C.S., Commissioner, Allahabad Division.—Pay Rs. 2,500 + 250.
 A. Cadell, C.S., Commissioner, Agra Division.—Pay Rs. 2,916-10-8 + 250.
 A. H. Harrington, C.S., Commissioner, Oudh Division.—Pay Rs. 2,500 + 250 (on dep.).
 Col. G. E. Haskine, Commissioner, Lucknow Division.—Pay Rs. 2,500 + 250.
 W. E. Neale, C.S., Offg. do. —Salary Rs. 2,500 + 250.
 Colonel F. Currie, (Barrister-at-Law), Commissioner, Rao Bareilly Division.—Pay Rs. 2,398-5-4 + 250.—(On furlough).
 J. D. Speeding, Offg. do. Salary Rs. 2,500 + 250.
 G. Adams, Officiating Commissioner, Sitapur Division.—Salary Rs. 2,501-2-0.
 J. R. Reid, C.S., Commissioner, Kumaon Division.—Pay Rs. 2,000 + 250.—(on furlough).
 Col. J. Haskine, Offg. do.
 M. L. Ferrer, C. P. Offg. Commissioner, Fyzabad Division.—Salary Rs. 2,500 + 500.
 T. W. Holderness, Director of Agriculture and Commerce.—Pay Rs. 2,500 + 250.
 A. D. Carey, C.S., Commissioner of Northern India, Salt Revenue.—Pay Rs. 2,500 + 250.
 Lieut. Col. R. Bartholomew, G.L.I., Dy. Commr., 2nd grade.—on furlough.
 Colonel C. Beadon, M. Cav., Dy. Commr., 1st grade, Offg. Divl. and Sessions Judge, Dera Ismail Khan.
 Colonel F. M. Birch, S.C., Dy. Commr., 1st grade, Bareilly.

Colonel E. B. Conolly, S.C., Dy. Commr., 2nd grade.—on furlough.
 Colonel L. J. H. Grey, C.I.E., S.C., Commr. and Supt., Delhi Division.
 Colonel E. P. Gordon, S.C., Divisional and Sessions Judge 1st grade, Mooltan.
 Lt. Col. J. E. Hutchinson, S.C., Dy. Commr., 2d grade, Offg. 1st grade, Gurdaspur Dist.
 Lieut. Col. R. T. M. Lang, G.L.I., Dy. Commr., 1st grade, Amritsar.
 Major G. F. Massey, S.C., Dy. Commr., 3rd grade, Supt., Kapurthalla State.
 Major J. A. L. Montgomery, S.C., Dy. Commr., 2nd grade, Sialkot.
 Col. W. J. Parker, S.C., Dy. Commr., 2nd grade, Offg. 1st grade, Ludhiana.
 Major A. de C. Reunick, S.C., Dy. Commr., 3rd grade, Rohtak.
 Lieut. Col. A. S. Roberts, G.L.I., Dy. Commr., 1st grade.—on furlough.
 Lieut. Col. H. M. M. Wood, S.C., Dy. Commr., 2nd grade, Offg. Divl. Judge 2nd grade, Amritsar.
 Captain E. S. Wood, Conservator of Forests.—Pay Rs. 1,500.
 The Hon. Sir John Edge, Kt., Q.C., (Barrister-at-Law), Chief Justice, High Court, Allahabad.—Pay Rs. 5,000.
 The Hon. D. Straight, (Barrister-at-Law), Puisne Judge.—Pay Rs. 2,750.
 The Hon. M. Brodhurst, C.S., Puisne Judge.—Pay Rs. 3,750.
 The Hon. W. Tyrrell, (Barrister-at-Law), C.S., Judge.—Pay Rs. 3,750.
 The Hon. Sayid Muhammad, (Barrister-at-Law), Puisne Judge.—Pay Rs. 3,750.
 H. Fraser, C.S., Registrar.—Pay Rs. 1,500.
 J. Clark, Dy. Registrar.—Pay Rs. 300 to 500.
 Hon. G. E. Knox, C.S., Legal Remembrancer.—Pay Rs. 2,000.
 A. Satchay, (Barrister-at-Law), Law Reporter.—Pay Rs. 400.
 Lala Ram Pasad, Senior Government Pleader.—Pay Rs. 400.
 C. H. Hill, (Barrister-at-Law), Public Prosecutor.—(Paid by fees.)
 P. W. Cox, C.S., Judge, Small Cause Court, Allahabad.—Pay Rs. 1,200 (on dep.).
 Babu Pramoda Charan Banarji, B.A., B.L., Offg. do. Salary Rs. 1,000.
 Babu Pramoda Charan Banarji, B.A., B.L., Small Cause Court Judge, Agra.—Pay Rs. 800.
 Babu Mithraj Mukerji, Offg. Small Cause Court Judge, Benares.—Salary Rs. 700.
 A. C. Tapp, B.A., B.C.S., F.R.S., Accountant General.—Pay Rs. 2,750.—(on furlough).
 G. T. Barrow, Offg. Accountant General.—Salary Rs. 1,870.
 H. G. Cowie, B.A., Deputy Accountant General.—Pay Rs. 1,250.
 R. T. Hobart, C.S., Inspector General of Police.—Pay Rs. 2,500 (on furlough).
 Hon. M. A. McConaghey, C.S., Offg. do.
 W. F. W. Wells, C.S. City Magt. and Waski Officer, Lucknow.—Pay Rs. 1,000 + E.A. 100.
 K. J. Radhak, B.C.S., Post Master General.—Pay Rs. 1,100 to 1,750.
 D. C. Gordon, Examiner Public Works Accounts.—Pay Rs. 1,500.
 Col. H. M. S. Clarke, M.S.C., Insp. Genl. of Prisons.—Pay Rs. 1,831-5-4 + 250 (on furlough).
 Sir J. W. Taylor, K.C.I.E., M.D., F.R.C.S., Offg. do. Salary Rs. 1,538-14-2.
 Hon. E. White, C.S., Director of Public Instruction.—Pay Rs. 2,000.—(On furlough).
 W. H. Wright, B.A., Principal, Benares College.—Pay Rs. 1,250.
 A. H. Gregory, M.A., Principal, Muir Central College.—Pay Rs. 1,250.
 Deputy Surgeon-Genl. W. R. Rice, M.D., Inspector Genl. of Civil Hospitals, N. W. P.—Pay Rs. 2,250.
 Surgeon-Major G. Hatcheson, Sanitary Commissioner.—Pay Rs. 1,200 to 1,800.
 Colonel A. M. Brandreth, R.E., Principal, Thompson's Roorkee College.—Pay Rs. 1,852.
 E. Macalister, Offg. Supt. of Roorkee Workshops.—Salary Rs. 553.
 Col. C. A. Dadd, S.C., Supt. of Govt. Press and Curator of Govt. Books.—Pay Rs. 1,250 + H.E. 101.
 S. A. Hill, B.S.C., Meteorological Reporter.—Allowance Rs. 250.—(on furlough).
 W. N. Bonfellers, B.A., Offg. do. Allowance Rs. 250.
 W. Gollan, Superintendent, Botanical Gardens, Saharanpur.—Pay Rs. 800.
 Dr. A. Fuhrer, Ph.D., Asst. Archaeological Survey, Surveyor.—Pay Rs. 600 to 400.

Punjab.

The Hon. Sir James Broadwood Lyall, K.C.S.I., C.S., Lieut.-Governor of the Punjab Assumed charge, 3rd April 1887.—Pay Rs. 8,338-5-4 + F.A. 250 and Sp. A. 500.
 Captain E. J. F. Wood, 10 B. L., Private Secretary.—Pay Rs. 1,050.
 Capt. J. T. Johnston, R.A., Aide-de-Camp.—Pay Rs. 624.
 C. L. Tupper, C.S., Secretary to the Government.—Pay Rs. 2,500.
 H. G. Fanshawe, C.S., Junior Secretary.—Pay Rs. 1,800.
 R. E. Youngblood, B.A., C.S., (Barrister-at-Law), Under-Secretary.—Pay Rs. 1,000.
 M. W. Fenton, B.A., C.S., Under-Secretary, Revenue Dept.—Pay Rs. 1,000.
 Col. O. Menzies, Insp. Genl. of Police and Under-Secretary to Govt., Home (Police) Dept.—Pay Rs. 2,250.
 Col. W. R. M. Holroyd, Director of Public Instruction and Under Secy., Educatl. Dept.—Pay Rs. 2,000.
 L. F. Laville, Asst. Secy., Finl. and Local Funds Dept.—Pay Rs. 700.
 Frank Leigh, Asst. Secretary.—Pay Rs. 700.
 Pandit Janki Prasad, Mir Munshi.—Pay Rs. 800.
 Col. A. L. Messinger, C.I.E., R.E., Secretary, Public Works Department, (Genl. Branch).—Pay Rs. 2,413-8-0.

E. E. Oliver, Under Secretary (Genl. Branch).—Pay Rs. 950.
 Lieut.-Col. F. J. Home, R.E., Chief Engineer and Joint Secy. P. W. D., Engrg. Branch.—
 Pay Rs. 2,048-8-0.
 O. Tickell, Under Secretary (Irrigation Branch).—Pay Rs. 700.
 Goorahoy, Assistant Secretary.—Pay Rs. 520.
 Colonel P. Lambert, Examiner of Public Works Accounts.—Pay Rs. 1,802-4-0.
 Hon. Sir H. M. Plowden, (*Barrister-at-Law*), Judge of the Chief Court.—Pay Rs. 3,500.
 Hon. R. T. Burney, (*Barrister-at-Law*), C.S., Judge.—Pay Rs. 3,500.—(On furlough).
 Hon. J. Phizible, C.S., Judge.—Pay Rs. 3,500.
 Hon. A. H. Benton, M.A., C.S., (*Barrister-at-Law*), Addl. Judge.—Pay Rs. 3,500.
 Hon. H. T. Eivaz, (*Barrister-at-Law*), Officiating Judge.—Salary Rs. 3,500.
 Hon. C. A. Roe, M.A., C.S., Judge.—Pay Rs. 3,500.
 C. W. Parker, Registrar.—Pay Rs. 1,250.
 E. P. Henderson, C.S., (*Barrister-at-Law*), Government Advocate.—Pay Rs. 1,500.
 B. A. Fox, Judge, Court of Small Causes, Amritsar.—Pay Rs. 500.
 Manohar Lal, do. do. Delhi.—Pay Rs. 500.
 Sheik Khuba Baksh, do. do. Lahore.—Pay Rs. 500.
 Hon. G. R. Elsmie, M.A., C.S., Financial Commissioner, Rev. Dept.—Pay Rs. 3,500.
 Col. G. G. Young, (*Barrister-at-Law*), Second Finl. Commr.—Pay Rs. 3,000.
 J. McC Domb, C.S., Senior Secy. to Finl. Commr.—Pay Rs. 1,200.
 D. C. Johnstone, C.S., Junior Secretary.—Pay Rs. 900.
 F. Maitland, Assistant Secretary.—Pay Rs. 600.
 Col. E. L. Oumansky, Commr. and Supr., Festivals Division.—Pay Rs. 2,750 + 250.
 Col. L. J. H. Grey, M.A., Commr. and Supr. of Delhi.—Pay Rs. 2,750 + 250.
 C. R. Hawkins, C.S., Commissioner, Jalandhar.—Pay Rs. 2,750 + 250.
 C. M. Rivaz, C.S., Commissioner, Lahore.—Pay Rs. 2,750 + 250.
 G. A. Gilvie, C.S., Commissioner, D. I. Khan.—Pay Rs. 2,750 + 250.
 R. H. C. Waittall, Conservator of Forests, 2nd Grade, Supr. of Forest Survey* and
 Director of the Forest School, Dehra Dun.—Pay Rs. 1,000.
 E. B. Steadman, Director of the Dept., Land Records and Agriculture.—Pay Rs. 1,100
 + S. A. 500.—On furlough.
 F. A. Robertson, C.S., (*Barrister-at-Law*), Offg. do. Salary Rs. 1,235-5-4.
 J. Dillon, Post Master General.—Pay Rs. 1,500.
 W. Bignell, Chief Supt., Telegraph Dept.—Pay Rs. 1,500.
 R. Logan, B.C.S., Offg. Accountant General.—Salary Rs. 2,182-5-4.
 G. K. R. Hart, Deputy Accountant General.—Pay Rs. 1,250.
 T. G. Walker, C.S., Supt. of Stamps and Insp. Genl. of Regn.—Pay Rs. 1,800.
 Brig.-Surgn. R. Gray, M.A., M.D., Inspector General of Prisons.—Pay Rs. 1,500.
 Brig.-Surgn. R. Gray, M.A., M.D., Inspector General of Jails.—Pay Rs. 1,500.
 Colonel O. Menzies, Insp.-Genl. of Police.—Pay Rs. 2,250.
 Colonel W. R. M. Holroyd, B.C.S., Director of Public Instruction.—Pay Rs. 2,000.
 T. C. Lewis, M.A., Principal, Government College, Lahore.—Pay Rs. 1,150.
 W. L. Dallas, Meteorological Reporter.—Pay Rs. 250.
 Dy. Surgn.-Genl. G. Farrell, C.B., F.R.S., I.M.S., Inspector General of Civil Hospitals,
 Panjab.—Pay Rs. 2,000.
 Brig.-Surgn. T. E. B. Brown, M.D., Principal of the Medical College, Lahore.—Pay
 Rs. 1,400.
 Surgn.-Major A. Stephen, M.A., M.D., Sanitary Commissioner.—Pay Rs. 1,680.
 Surg.-Major J. O'Neill, M.D., Dy. Sanitary Commissioner.—Pay Rs. 850.
 The Right Rev. J. Mathew, D.D., Bishop of Lahore.—Pay Rs. 800.
 The Venble W. H. Tribe, M.A., Archdeacon and Commissary of Lahore.—Pay Rs. 800—
 special allowance Rs. 200.

Bengal Military Staff.

Adjutant General of the Army Maj.-Genl. W. K. Elledge, C.B., R.D.C., A.P.
 Deputy do. Colonel P. H. F. Harris, C.B., S.C.
 1st Assistant do. Colonel H. A. Bushman, C.B., A.P.
 Insp.-Genl. of R.A. in India Brig.-Genl. C. E. Nairne, C.B., R.A.
 Asst. Adj. Genl. for R.A. Colonel G. T. Probyman, R.A.
 Quarter Master General of the Army Maj.-Genl. Sir J. Brown, K.C.B., C.B., R.E.
 Deputy do. do. Colonel W. F. Gatacre, R.E. (on dep.)
 Dy. Quarter Master Genl., (Intell. Br.) Col. B. G. Woodthorpe, C.B., R.E.
 Judge Advocate General of the Army Colonel M. Clementi, S.C. (on furlough)
 Director of Garrison Instruction in India Colonel R. C. Hart, V.C., R.E.
 Inspector of Gymnasia in India Major E. N. Alexander, Sec. Highrs.
 Director Genl. of Ordnance Maj.-Genl. R. F. Lewis, R.E.
 Deputy do. do. Colonel P. FitzG. Gallwey, R.A.
 Superintendent of Gun Powder Factory Major C. H. Scott, R.A. (on dep.)
 Do. of Gun Carriage do. Colonel H. J. F. Shea, R.A.
 Controller of Military Accounts Bengal Cir. Colonel M. A. Rowlandson, M.S.C.
 Accountant Genl., Military Department Col. H. G. Fritchard, M.S.C.
 Deputy Accountant General Captain W. R. LeG. Anderson.

Examiner, Pay Department Eastern Circle Major F. F. R. Burgess, S.C.
 Western Lt. Col. St. F. Woodcock.
 Examiner, Comet. and Army Re. Eastern Circle Major G. W. Sawyer.
 Mount Accts. Western Capt. W. J. B. Bird.
 Do. Medical and Fund Accounts Surg. Maj. G. Bomford, I.M.S.
 Do. Ordnance and Clothing Ac. Captain W. H. Young.
 Commissioner General-in-Chief Colonel A. R. Badcock, C.B.
 Comy. Genl., Eastern Circle, Meerut Major T. F. Hobday, (Offg.)
 Comy. Genl., Western Circle, Rawal Pindi Lt. Col. R. Patch.
 Superintendent and Agent, Army Clothing Colonel W. H. Mackay, S.C.
 Surgeon-General, H. M.'s Forces Surg.-Genl. W. A. Thomson, M.D., M.S.
 Surgeon-General with the Govt. of India Surg.-General Sir B. Simpson, M.D., K.C.B.
 Sanitary Commr. with the Govt. of India I.M.D.
 Surveyor General of India and Supt. of the
 Great Trigonometrical and Topographical
 Surveys Col. H. R. Thwaites, R.E.
 Inspector General of Military Works Col. G. E. L. S. Sanford, C.B., A.P.
 Director of Army Remount Operations Colonel B. Williams, S.C. (on furlough)
 Offg. do. Lt.-Col. T. Deane, S.C.

Governors and Governors-General of India.

Names.	Assumed charge.	Made over charge.	Remarks.
Mr. Freke	1733	.....	
Mr. Cornwallis	1733	.....	
Mr. Bredhill	1738	.....	
Mr. Forster	1746	.....	
Mr. Dawson	1747	.....	
Mr. Pritch	1758	.....	
Mr. Barwell	1760	.....	
Mr. Drake	1756	.....	
Colonel Clive	1759	.....	
Mr. Holwell	1760	.....	
Mr. Vansittart	1761	.....	
Mr. Spencer	1763	.....	
Lord Clive	1765	.....	
Mr. Vane	1767	.....	
Mr. Cartier	1769	.....	
The Right Hon'ble Warren Hastings	1773-1 Feb. 1785	1785	
Sir John Macpherson, Bart.	1 Feb. 1785-12 Sep. 1785	1785	
Sir Cornwallis, Bt.	12 Sept. 1785-19 Oct. 1786	1786	
Sir John Shore, Bart.	19 Oct. 1786-12 Mar. 1793	1793	
Lieut.-Genl. The Hon'ble Sir Alured Clarke, Bt.	17 Mar. 1793-17 May 1798	1798	Officiating.
Marquis of Wellesley	18 May 1798-20 July 1805	1805	
Marquis Cornwallis, Bt.	20 July 1805	.....	Died at Channipur, 4th October 1805.
Sir George Barlow, Bart., Bt.	10 Oct. 1805-31 July 1807	1807	Configured 13th July 1806.
The Earl of Minto	31 July 1807-4 Oct. 1819	1819	
Marquis of Hastings, Bt.	4 Oct. 1819-3 Jan. 1823	1823	
Mr. John Adam	3 Jan. 1823-1 Aug. 1823	1823	Officiating.
The Earl of Amherst	1 Aug. 1823-19 Mar. 1828	1828	
Mr. Buxtonworth Bayley	19 Mar. 1828-4 July 1828	1828	Officiating.
Lord William Baulch, Bt.	4 July 1828-29 Mar. 1830	1830	
Sir Charles Metcalfe, Bart., Bt.	29 Mar. 1830-4 Mar. 1836	1836	Officiating.
The Earl of Auckland, Bt.	4 Mar. 1836-28 Feb. 1842	1842	
The Earl of Ellenborough	28 Feb. 1842-25 July 1844	1844	
Lord Hardinge, Bt.	25 July 1844-12 Jan. 1848	1848	
Marquis of Dalhousie, Bt.	12 Jan. 1848-29 Feb. 1850	1850	
Earl Canning, Bt.	29 Feb. 1850-12 Mar. 1852	1852	
The Earl of Ripon, Bt.	12 Mar. 1852	.....	Died at Dharmasain, 20th November 1863.
Major-Genl. The Hon'ble Sir Robert Napier, Bt.	21 Nov. 1863-2 Dec. 1863	1863	Officiating.
Colonel Sir William Denison, Bt.	2 Dec. 1863-12 Jan. 1864	1864	Officiating.
Sir John Lawrence, Bt., G.C.B.	12 Jan. 1864-12 Jan. 1869	1869	
The Earl of Mayo, Bt.	12 Jan. 1869	.....	Assassinated at Poona 6th February 1872.
The Hon'ble Mr. John Stansfeld	2 Feb. 1872-23 Feb. 1872	1872	Officiating.

Governors and Governors-General of India—concluded.

Names.	Assumed charge.	Made over charge.	Remarks.
Lord Napier of Merchiston, K.T.	24 Feb. 1872	3 May 1872	Officiating.
Lord Northbrook, G.C.B.	3 May 1872	12 Apr. 1875	
Lord Lytton, G.M.S.I., G.M.I.E.	12 Apr. 1875	8 June 1880	
Marquis of Ripon, K.G., P.C.	8 June 1880	12 Dec. 1884	
Earl of Dufferin, K.F., G.C.B., G.C.M.G., P.C., F.R.S., D.C.S.	13 Dec. 1884	9 Dec. 1888	
Marquess of Lansdowne, G.M.S.I., G.C.M.G., C.M.I.E.	10 Dec. 1888		

GOVERNMENT OF MADRAS.

COUNCIL OF PORT SAINT GEORGE.

His Excellency The Right Hon^{ble} Sir ROBERT BOURKE, BARON CONNEMARA, G.C.I.E., (Member of Her Majesty's Most Honorable Privy Council), Governor and President in Council, took his seat 8th December 1886.—Pay Rs. 10,000.

ORDINARY MEMBERS OF COUNCIL.

His Excellency Lieutenant-General Sir Charles George Arbuthnot, K.C.B., R.A., Commander-in-Chief and 2nd in Council, took his seat 9th and 21st December 1886, respectively.—Pay Rs. 5,500.

The Hon. Henry Edward Stokes, C.S., B.A., C.S., 3rd in Council, took his seat 9th Nov. 1888.—Pay Rs. 5,120.

" John Henry Garstin, C.S., C.S., 4th in Council, took his seat 9th January 1889.—Pay Rs. 5,120.

ADDITIONAL MEMBERS FOR MAKING LAWS AND REGULATIONS ONLY.

Official Members.

The Hon. John Frederick Fries, C.S., Chief Secretary to Govt., 23rd October 1888.
 " James Grose, M.A., C.S., Ag. Secretary to Govt., Revenue Department.
 " Vembakam Bashyam Aiyangar, B.A., B.L., Rai Bahadur, Junior Professor of Law, Presidency College, 23rd October 1888.
 " J. H. Spring-Branson, (Barrister-at-Law), Ag. Advocate-General, 12th March 1889.

Non-Official Members.

The Hon. Mir Humayun Jah Bahadur, C.I.E., 21st February 1888.
 " Raja Velupoti Sri Raja Gopala Krishnayachendra Bahadur Panch Hazar Mansabdar, K.C.I.E., Raja of Venkatagiri, 21st February 1888.
 " John Alexander Boyson, 23rd October 1888.
 " C. Sankara Nayar Aiyangar, B.A., B.L., 24th July 1889.

SECRETARIAT.

The Hon. J. F. Price, C.S., Chief Secretary.—Pay Rs. 3,750.
 H. A. Stuart, C.S., Under Secretary to Government in the Departments under the Chief Secretary.—Pay Rs. 1,050.—On special duty.
 A. G. Cardew, M.A., C.S., Offg. do. Salary Rs. 1,050.
 C. A. Galton, M.A., C.S., Secy. to Govt., Revenue Dept.—Pay Rs. 3,125.
 A. G. Cardew, B.A., C.S., Under Secretary to Govt., Revenue Dept.—Pay Rs. 1,000.—On dep.
 W. S. Meyer, B.A., C.S., Offg. do. Salary Rs. 1,000.
 W. S. Meyer, B.A., C.S., Asst. Secy., Judl. and Legislative Depts.—Pay Rs. 800.—On dep.
 A. Butterworth, C.S., Offg. do. Salary Rs. 700+11-3-9.
 Brig.-Genl. A. R. Kenney-Herbert, G.L.C., Secretary to Government, Military Department.—Pay Rs. 2,500.
 Col. J. O. Hasted, R.E., Secretary to Government, P. W. Dept.—Pay Rs. 2,743-8-0.—(on furlough).
 G. T. Welch, Acting do. do. —Salary Rs. 2,500.
 Lt.-Col. R. R. E. Drake-Brockman, Acting to Govt., Irrgu. Branch.—Salary Rs. 2,203-4-0.
 Col. C. J. Smith, R.E., Joint Secy. to Govt., Irrgu. Railway Branch.—Pay Rs. 2,002-4-0.

PERSONAL STAFF OF HIS EXCELLENCY THE GOVERNOR.

J. D. Rees, F.R.S., M.B.A.S., C.S.—Private Secretary.—Pay Rs. 4,500.
 Major J. J. S. Chisholme, 9th (Queen's Royal) Lancers—Military Secy., Pay Rs. 1,000.
 Capt. C. Vicount Marham, 4th Battalion, Bedfordshire Regt.—Aide-de-Camp.
 Capt. J. Powle, 21st Hussars, Aide-de-Camp.
 Major T. T. Leonard, Hon. Aide-de-Camp.
 Surgeon-Major J. Maitland, M.B., J.M.S., Medical Officer.—Pay Rs. 1,000 with house rent of Rs. 100 while in Madras.
 Subadar-Major Usman Khan "Sirdar Bahadur," Body Guard, Native Aide-de-Camp.

BOARD OF REVENUE.

H. W. Bliss, B.A., C.S., 1st Member and Commr. of Land Rev.—Pay Rs. 3,750.
 W. S. Whiteside, C.S., 2nd Member and Commissioner of Land Revenue and Inam Commissions.—Pay Rs. 3,500.
 Hon. J. Grose, M.A., C.S., 3rd Member and Commr. of Land Revenue.—Pay Rs. 3,000.—on deputation.
 H. F. Clogston, C.S., 4th and Acting 3rd Member and Commr. of Rev. Sett. and Director of the Dept. of Land Records and Agriculture.—Salary Rs. 3,000.
 C. S. Crole, C.S., Acting 4th Member and Commr. of Salt, Abkari and Separate Revenue.—Salary Rs. 2,998-5-4.
 M. Hammick, C.S., Secretary to the Commr. of Land Rev.—Pay Rs. 1,620.
 H. Bradley, (Barrister-at-Law), C.S., Secretary to the Commissioner of Salt, Abkari and Separate Rev.—Pay Rs. 1,560.
 E. L. Millet, Assistant Secretary to do. —Pay Rs. 600.
 P. Rajaratna Mudaliyar, Rai Bahadur, Secretary to the Commr. of Rev. Sett. and Director of the Dept. of Land Records and Agriculture.—Pay Rs. 1,000.

HIGH COURT OF JUDICATURE.

The Hon. Sir A. J. H. Collins, Kt., Q.C., (Bar-at-Law), Chief Justice.—Pay Rs. 5,000.
 Hon. T. Muthuswami Aiyar, B.L., C.I.E., Judge.—Pay Rs. 3,750.
 " G. A. Parker, C.S., Judge.—Pay Rs. 3,750.
 " F. H. Wilkinson, C.S., Judge.—Pay Rs. 3,750.
 " H. R. Shephard, M.A., (Barrister-at-Law), Judge.—Pay Rs. 3,750.
 " J. W. Handley, M.A., (Barrister-at-Law), Offg. Judge.—Salary Rs. 3,750.
 " J. H. Spring-Branson, (Bar-at-Law), Adv.-Genl.—Pay Rs. 1,800.
 E. Barclay, Govt. Solicitor.—Pay Rs. 1,100.
 E. B. Powell, (Barrister-at-Law), Government Pleader.—Pay Rs. 350.
 H. G. Wedderburn, (Barrister-at-Law), Administrator General.—Pay Rs. 150.
 R. Brown, M.A., (Barrister-at-Law), Reporter.—Pay Rs. 400.
 J. G. Kernan, M.A., LL.B., (Barrister-at-Law), Clerk of the Crown.—Pay Rs. 300.
 W. Grant, M.A., (Barrister-at-Law), Crown Prosecutor and Public Prosecutor.—Pay Rs. 500.
 J. Steavenson, M.A., Registrar, Original Side.—Pay Rs. 1,500.
 T. C. Clarke, 1st Asst. Regr.—Pay Rs. 500.—(sub pro tem).
 J. R. Atkinson, (Attorney-at-Law), 2nd Asst. Regr. and Manager.—Pay Rs. 325.
 " Judge's Clerk and Commr.—Pay Rs. 550.
 P. Ramachandra Rao, B.A., Chief Interpreter.—Pay Rs. 400.
 T. M. Horsfall, C.S., (Barrister-at-Law), Registrar, App. Side.—Pay Rs. 1,600.
 W. Morgan, Dy. Regr.—Pay Rs. 700.
 J. Higginbotham, Sheriff.

SMALL CAUSE COURT JUDGES.

J. W. Handley, M.A. (Barrister-at-Law), Chief Judge.—Pay Rs. 2,000.—(on dep.)
 P. D. Shaw, (Barrister-at-Law), Sub pro tem Chief Judge.—Salary Rs. 2,000.
 P. Srinivasa Rao, Dewan Bahadur, Judge.—Pay Rs. 1,000.
 T. V. Ponnuswami Pillai, Judge.—Pay Rs. 1,000.
 John Morris Maskell, (Barrister-at-Law), Registrar.—Pay Rs. 500.
 F. B. Lavery, (Attorney-at-Law), Head Clerk.—Pay Rs. 200.

PRESIDENCY MAGISTRATES.

Col. J. MacDonald Smith, S.C., Chief Presidency Magistrate.—Pay Rs. 1,500.
 W. M. Scharlieb, (Bar-at-Law), Second do. —Pay Rs. 500.
 C. G. Kuppuswami Aiyar, M.A., B.L., Third do. —Pay Rs. 350.
 Sultan Mohi-ud din Sahib, Fourth do. —Pay Rs. 350.

MISCELLANEOUS APPOINTMENTS.

- J. C. Hanington, C.S., Resident in Travancore and Cochin.—Pay Rs. 2,800.
 Lieut. F. W. Dawson, M.S.C., Asst. do. —Pay Rs. 600.
 G. McWatters, M.A., (*Barrister-at-Law*) C.S., Collector of Sea Customs.—Pay Rs. 2,333-5-4.
 Colonel C. A. Fortescue, M.S.C., Inspector General of Jails.—Pay Rs. 1,823-5-4.
 H. B. Grigg, C.S., Director of Public Instruction.—Pay Rs. 2,230.
 T. W. Phillips, B.C.S., Accountant-General.—Pay Rs. 2,750.
 Babu Kashinath Ray, M.A., Dy. Acct. General.—Salary Rs. 1,250.
 H. Farrer, B.C.S., Post Master General.—Pay Rs. 1,500 to 1,750.
 S. Sallen, Presidency Post Master.—Pay Rs. 600 to 900.
 G. G. Charles, Chief Supt., Madras Division, Telegraph Dept.—Pay Rs. 1,000.
 H. O. G. Cardozo, Supt. of Revenue Survey.—Pay Rs. 1,500.
 Col. I. Campbell-Walker, S.C., Conservator of Forests, 1st grade, Southern Division.—Pay Rs. 1,500.—(On furl.)
 J. S. Gamble, M.A., Conservator of Forests, 2nd grade, Northern Divn.—Pay Rs. 1,800.
 A. W. Peel, Acting Conservator of Forests, Southern Circle.—Salary Rs. 1,050.
 G. McWatters, M.A., (*Barrister-at-Law*) C.S., Superintendent of Stamps and Stationery, Madras.
 Colonel T. E. Guthrie, Inspector General of Police.—Pay Rs. 2,500.
 Colonel T. Weldon, C.I.E., Commissioner of Police.—Pay Rs. 1,500.
 Captain H. A. Street, Presidency Port Officer.—Pay Rs. 1,870.
 S. Srinivasa Raghavayangar, M.A., Dewan Bahadur, Inspector General of Registration.—Pay Rs. 1,250.
 Lt. Col. G. M. J. Moore, President of the Municipal Commission, Madras.—Pay Rs. 1,500.
 Surg. Genl. G. Radie, M.A., C.I.E., Surg. Genl. with the Govt. of Madras.—Pay Rs. 2,750.
 Merg. Major J. A. Laing, M.B., Sanitary Commissioner.—Pay Rs. 1,200 to 1,300.
 B. Hill, Superintendent of the Government Press.—Pay Rs. 700.
 S. B. Poyson, Government Astronomer.—Pay Rs. 800.
 Miss E. L. Poyson, Meteorological Reporter.—Pay Rs. 400.
 E. Thurston, C.I.E., B.A., F.R.M.S., Supt. Govt. Central Museum.—Pay Rs. 700.
 J. Burgess, C.I.E., LL.D., M.A., F.R.S.E., Director General of the Archaeological Survey of India.—Pay Rs. 1,500.
 E. Hultsch, M.B., Epigraphist for the Madras Presidency.—Pay Rs. 400.
 M. A. Lawson, M.A., Government Botanist and Director of Cinchona Plantations.—Pay Rs. 700 to 800.
 V. Krishnam Chari, Registrar of Rocks.—Pay Rs. 150.

ECCLESIASTICAL ESTABLISHMENT.

- The Right Reverend P. Gell, M.A., D.D., Lord Bishop of Madras.—Pay 2,133-5-4.
 The Venerable J. F. Browne, D.D., Archdeacon and Commissary.—265-10-8.
 The Rev. S. Markey, Domestic Chaplain to the Lord Bishop.—Rs. 800 + 75.—(On furl.)
 The Rev. W. Wace, M.A., Offg. do.
 F. Rowlandson, M.A., LL.B., Registrar of the Diocese and Secretary to the Lord Bishop.—Pay Rs. 2,133-5-4.

Madras Military Staff.

- Adjutant General.....Brig. Genl. M. C. Farrington, C.B., R.A.
 Deputy do.....Colonel H. B. Hope, G.I.E.
 Asst. do.....Lieut. Col. M. H. Gratian, G.I.E.
 Asst. do. Royal Artillery.....Colonel W. E. Lockhart, R.A.
 Quarter Master General.....Brig. Genl. M. Protheroe, C.B., C.S.I., S.C.
 Deputy do.....Col. A. G. Hutchins, Genl. List, Inf.
 Deputy Judge Advocate General.....Lt. Col. W. Hughes Hallett, S.C.
 Mil. Secy. to Commander-in-Chief.....Lieut. Col. F. W. Hemming, 5th Dn. Gds.
 Aide-de-Camp and Interpreter to C. in-Ch. Captain R. W. Preston, Bn. S.C.
 Aide-de-Camp.....Captain L. Forde, R.A.
 Native Aide-de-Camp to Comdr. in-Ch. Sub-Major Venket Row, *Sirdar Bahadur*, 2nd M. L.
 Asst. Adjutant-General for Musketry.....Col. E. Austin, S.C.
 Staff Officer & Supt. of Detach. Fort St. George Col. H. H. Shelley, Infy. Genl. List.
 Dist. Staff Officer, 1st Class Fort St. George Col. F. Smalley, 19th M.L.
 do. 2nd Class.....Capt. E. J. Sharpe, M.S.C., F.R.
 Commisary General.....Colonel S. C. Gunning, S.C.
 Insp. Genl. of Ordnance.....Major-General R. McLeod, R.A.
 Superintendent, Gun Carriage Factory.....Major A. F. Fletcher, R.A.
 Controller of Military Accounts.....Lieut. Col. C. M. Thomas, Ban. Inf.
 Exam. of Cont. and Army Remount Accts. Col. H. G. Saunders, B.S.C.
 Examiner, Pay Department.....Captain R. F. Cadell, S.C.
 do. of Medical Accounts Madras and Bombay Circles, Poona.....Brig. Surgeon W. S. Fox, I.M.S.

- Examiner, Ordnance & Army Clothing Accts. Captain H. Melville, Bn. S.C.
 Supt. Army Clothing Madras and Bombay. Col. W. P. LaTouche, Bn. S.C.
 Supt. of Family Payments and Pensions.....Lieut. Colonel S. Leigh-Hunt.
 Superintendent of Army Schools.....Hon. Capt. T. C. Sherwood.
 Supt. Reserve Remount Depot, Horse.....Colonel J. Ewing, S.C.
 Garrison Instructor (Bangalore).....Captain E. C. Bethune, Dn. Guards.
 Examiner in Hindustani.....Col. J. W. S. Butler, 26th M.L., (Offg.)
 Surgeon-General with the Govt. of Madras.....G. Bidie, M.D., C.I.E.
 Secy. to do. do. do. Surgeon C. M. Thompson, M.B.
 Surgeon-General H. M's Forces, Madras.....Sir J. A. Hanbury, M.B., F.R.C.S. E. & I., F.R.C.E.
 Secy. to do. do. do. Surg. Major W. E. Johnson, M.D.—(On furl.)
 do. do. do. do. Offg. M.S.
 Sanitary Commissioner.....Surg. Major G. F. Devan.
 Inspecting Veterinary Surgeon.....Surgeon-Major J. A. Laing, M.B.
 F. G. Shaw.

Governors of Fort St. George.

NAME.	Assumed charge.	Made over charge.	Remarks.
Sir William Laughton, prior to	1672	.....	
Mr. Streynsham Master	6 Feb. 1678	.....	
Mr. William Gifford	18 July 1681	.....	
Mr. Elias Yale	4 Aug. 1687	.....	
Mr. Nathaniel Higginson	13 Oct. 1692	.....	
Sir J. Goldsborough, Kt. Comr. General and First Member of Council at the different Settlements in India	5 Dec. 1692	.....	
Mr. Nathaniel Higginson, afterwards styled Lieutenant-General of India	10 Aug. 1693	.....	
Mr. Thomas Pitt	12 July 1698	.....	
Mr. Gloucester Addison	3 Sept. 1709	.....	
Mr. Edmund Montague, Provisional Governor	28 Oct. 1709	.....	
Mr. William Fraser	14 Nov. 1709	.....	
Mr. Edward Harrison	22 July 1711	.....	
Mr. Joseph Collett	19 Jan. 1717	.....	
Mr. Francis Hastings	26 Jan. 1720	.....	
Mr. Nathaniel Elwick	6 Oct. 1721	.....	
Mr. James Macrae	28 Jan. 1725	.....	
Mr. George Morton Pitt	25 May 1730	.....	
Mr. Richard Benyon	23 Feb. 1735	.....	
Mr. Nicholas Morse	28 Jan. 1744	.....	
Major Stanger Lawrence, in charge of the Garrison	24 Nov. 1749	.....	
Mr. R. Prince, Deputy Governor, Prany, of Fort St. David	12 Dec. 1749	.....	
Mr. Richard Clarke, Deputy Governor	6 Mar. 1752	.....	
Mr. Thomas Saunders, Governor	17 April 1752	.....	
Mr. George Pigot	14 Jan. 1753	.....	
Mr. Robert Palke	14 Nov. 1763	.....	
Mr. Charles Boucher	25 Jan. 1767	.....	
Mr. Josias Du Pre	8 Feb. 1770	.....	
Mr. Alexander Wynch	2 Feb. 1773	.....	
Lord Pigot	10 Dec. 1775	.....	
Mr. George Stratton	24 Aug. 1775	.....	
Mr. John Whitehill	31 Aug. 1777	.....	
Mr. Thomas Rumbold	8 Feb. 1778	.....	
Mr. John Whitehill	6 April 1780	.....	
Mr. Charles Smith	8 Nov. 1780	.....	
Lord Macartney	22 June 1781	.....	
Mr. Alexander Davidson	18 June 1785	.....	
Sir Archibald Campbell	6 April 1786	.....	
Mr. John Holland	7 Feb. 1789	.....	

Governors of Fort St. George—concluded.

Names.	Assumed charge.	Made over charge.	Remarks.
Mr. Edward John Holland	12 Feb. 1789	.....	
Major General William Meadows	13 Feb. 1790	.....	
Sir Charles Oakley, Bart.	1 Aug. 1792	.....	
Lord Hobart	7 Sep. 1794	.....	
Lieutenant General George Harris	31 Aug. 1795	.....	
Lord Clive	21 Aug. 1795	.....	
Lord William Cavendish Bentinck	30 Aug. 1803	.....	
Mr. William Petrie	11 Sep. 1807	.....	
Sir George Hilary Barlow, Bt. K.C.B.	24 Dec. 1807	21 May 1813	
Lt.-Genl. The Hon. John Abercromby	21 May 1813	16 Sep. 1814	Came out as Commander-in-Chief and temporary Governor.
Right Honble Hugh Elliot	16 Sep. 1814	10 June 1820	
Maj.-Genl. Sir Thomas Munro, Bt. K.C.B.	10 June 1820	.....	Died at Pattikonda, Bellary District, on the 6th July 1827.
Mr. Henry Sullivan Grange	7 July 1827	18 Oct. 1827	Acting Governor.
Mr. Stephen Rumbold Lushington	18 Oct. 1827	25 Oct. 1832	
Lt.-Genl. Sir Frederick Adam, K.C.B.	25 Oct. 1832	4 Mar. 1837	
Mr. George Edward Russell	4 Mar. 1837	6 Mar. 1837	Acting Governor.
Lord Elphinstone, G.C.B.	6 Mar. 1837	24 Sep. 1842	
Lt.-Genl. The Most Hon. Marquis of Tweeddale, K.T. and C.	24 Sep. 1842	23 Feb. 1845	Was also Commander-in-Chief.
Mr. Henry Dickinson	23 Feb. 1845	7 Apr. 1848	Acting Governor.
Maj.-Genl. The Right Hon. Sir Henry Pottinger	7 Apr. 1848	24 Apr. 1854	
Mr. Daniel Elliot	24 Apr. 1854	28 Apr. 1854	Acting Governor.
Lord Harris	28 Apr. 1854	28 Mar. 1859	
Sir C. E. Trevelyan, K.C.B.	28 Mar. 1859	8 June 1860	
Mr. William Ambrose Morehead	8 June 1860	5 July 1860	Ag. Governor first time.
Sir Henry George Ward, K.T. & G.C.M.G.	5 July 1860	.....	Died at Madras on the 6th August 1860.
Mr. William Ambrose Morehead	4 Aug. 1860	13 Feb. 1861	Ag. Governor 2nd time.
Cok. Sir Wm. Thomas Denison, K.C.B.	13 Feb. 1861	27 Mar. 1866	
Mr. Edward Maithly	26 Nov. 1863	18 Jan. 1864	Acting Governor.
Lord Napier of Merchiston, K.T.	27 Mar. 1866	19 Feb. 1872	
Mr. A. J. Arlathnot, C.S.I.	19 Feb. 1872	15 May 1872	Acting Governor.
Lord Hobart	15 May 1872	.....	Died at Madras on the 27th April 1873.
Mr. W. R. Robinson, C.S.I.	29 Apr. 1875	23 Nov. 1875	Acting Governor.
His Grace the Duke of Buckingham and Chandos, G.C.S.I. & C.I.E.	23 Nov. 1875	20 Dec. 1880	
Right Honble William Patrick Adam	20 Dec. 1880	.....	Died 24th May 1881.
Mr. W. H. Hodgson, C.S.I.	24 May 1881	4 Nov. 1881	Acting Governor.
Right Hon. M. E. Grant Duff, C.I.E.	5 Nov. 1881	7 Dec. 1884	
Right Honble Sir Robert Gordon Baron Comanera, G.C.M.G.	8 Dec. 1884	.....	

List of Sheriffs of Madras.

No. 1	Mr. William Fraser	1800
2	John Binny, (Senior)	1801
3	John Hughes	1802
4	Kirkby Dalrymple	1803
5	James Rees	1804
6	John Oakes	1805
7	James William Miller	1806
8	Terence Fitzgerald	1807
9	James William Miller	1808
10	William McTaggart	1809

Died, 11th March 1808, at Bellary.
29th March Sworn.

List of Sheriffs of Madras—continued.

No. 10	Mr. William McTaggart	1809
11	Sebastian Holford Greig	1810
12	William Oliphert	1811
13	William John White	1812
14	Richard Jebb, (LL.B.)	1813
15	Kirkby Dalrymple	1814
16	John McKerrell	1815
17	Charles Henry Clay	1815
18	Kirkby Dalrymple	1816
19	William Brown	1817
20	Charles Henry Clay	1817
21	Kirkby Dalrymple	1818
22	Samuel Tabberton	1819
23	William Thomas Blair	1820
24	George Lys	1821
25	James Graham	1822
26	John Goldingham	1823
27	Thomas Gellebrand	1824
28	John Savage	1824
29	John Savage	1825
30	Edward Gordon	1826
31	Robert Wright Norfor	1827
32	George Lys	1828
33	William Bessley Anderson	1829
34	Robert Eden	1830
35	Thomas Keighly	1831
36	Patrick Grant	1832
37	John Young Fullerton	1833
38	William Hamilton Hart	1834
39	Arthur Rowlandson	1834
40	John Findley McKennie	1835
41	Arthur Henry Harris	1836
42	John Young Fullerton	1837
43	Arthur John Maclean	1838
44	John Young Fullerton	1839
45	John Lewis Johnson	1840
46	Duncan Montgomerie	1841
47	William Gardner Burn	1842
48	Christopher Biden	1843
49	John Bruce Norton	1844
50	John Findley McKennie	1845
51	Leonard Cooper	1846
52	Mrs. Morphet	1847
53	John James Franklin	1848
54	Richard Burgess	1849
55	Arthur Macdonald Ritchie	1849
56	Leonard Cooper	1850
57	Arthur Macdonald Ritchie	1851
58	Leonard Cooper	1852
59	Richard Burgess	1853
60	Edward Salmon	1854
61	Christopher Biden	1855
62	H. D. E. Dalrymple	1856
63	Frederick Orme	1857
64	John Findley McKennie	1858
65	John James Franklin	1859
66	William Sydney Wright	1860
67	Eyre Burton Powell	1861
68	H. D. E. Dalrymple	1862
69	Colonel John Inpett	1863
70	Do.	1864
71	Do.	1865
72	Do.	1866
73	Do.	1867
74	Do.	1868
75	Do.	1869
76	Do.	1870
77	Do.	1871
78	Do.	1872
79	Do.	1873
80	Do.	1874
81	Do.	1875
82	Do.	1876
83	Do.	1877
84	Do.	1878
85	Do.	1879
86	Do.	1880
87	Do.	1881
88	Do.	1882
89	Do.	1883
90	Do.	1884
91	Do.	1885
92	Do.	1886
93	Do.	1887
94	Do.	1888
95	Do.	1889
96	Do.	1890
97	Do.	1891
98	Do.	1892
99	Do.	1893
100	Do.	1894

and died 20th June 1824.
25th June, Sworn.
10th Dec. 1824, Sworn.
20th Dec. 1825.
20th Dec. 1826.
20th Dec. 1827.
20th Dec. 1828.
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20th Dec. 1847.
20th Dec. 1848.
6th Sep. 1849.
20th Dec. 1849.
20th Dec. 1850.
20th Dec. 1851 to 24th July 1852.
10th Aug. 1852.
20th Dec. 1853 to 12th Aug. 1854.
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List of Sheriffs of Madras—concluded.

No. 71	Mr. H. D. E. Dairymple	1870	24th Dec. 1870.
" 71	Do.	1871	
" 71	Do.	1872	
" 71	Do.	1873	
" 72	John Charles Loch	1874	
" 72	Do.	1875	11th May 1875, resigned.
" 73	Clement Simpson	1875	29th May 1875.
" 73	Do.	1876	
" 74	William Walker Munsie	1877	20th Dec. 1876.
" 74	Do.	1878	
" 75	Robert Chillingworth Walker	1879	30th Dec. 1878.
" 75	Do.	1880	
" 76	Basil Lavery	1881	7th Dec. 1880.
" 76	Do.	1882	
" 77	E. J. Firth	1883	5th Dec. 1882.
" 77	Do.	1884	
" 78	Lieut. J. H. Taylor, R.N.	1885	20th Dec. 1884.
" 78	Do.	1886	20th Dec. 1885.
" 79	Sir Savalay Ramseay Moode-		
" 79	nar, Row Sahib, Kt., C.I.E.	1886	20th Dec. 1886.
" 79	Do.	1887	20th Dec. 1887.
" 80	J. Piggimbothe	1888	20th Dec. 1888.
" 80	Do.	1889	3rd Dec. 1889.

List of Deputy Sheriffs of Madras.

No. 1	Mr. Thomas Blyth	1890	November 18th.
" 2	Thomas Shackhouse	1819	July 1st.
" 3	Thomas Q. Scrith	1820	June 1st.
" 4	Edward Lys	1821	December 21st.
" 5	William Peacock	1821	July 1st.
" 6	John Hy. Wilkinz	1825	October 1st.
" 7	James Thoy Baillie	1825	December 21st.
" 8	William Padlin	1832	January 15th.
" 9	James Thoy Baillie	1835	October 5th.
" 10	John Birgood Jauncey	1842	December 20th.
" 11	Leonard Cooper	1847	January 1st.
" 12	George Evelyn Cower	1847	October 18th.
" 13	Leonard Shinnott Cooper	1850	December 8th.
" 14	Daniel Shaw	1850	December 20th.
" 15	Thomas Gregory Seth	1857	March.
" 16	Daniel Shaw	1857	December 20th.
" 17	Edwin Willoughby Shaw	1858	April 15th.
" 18	Frederick Gainsford, R.N.	1883	December.

BOMBAY GOVERNMENT.

COUNCIL OF BOMBAY.

His Excellency the Right Hon'ble Lord Reay, LL.D., G.C.I.E., Governor and President in Council. Took his seat 30th March 1885.—Pay Rs. 10,000.

Lieut.-Genl. His Royal Highness ARTHUR WILLIAM PATRICK ALBERT, Duke of Connaught and Strathearn, K.G., K.T., K.P., G.C.S.I., G.C.M.G., G.C.I.E., C.B., A.D.C., Commander-in-Chief and Second Member of Council. Took his seat 30th August 1887.—Pay Rs. 5,835-5-4.

The Hon. J. B. Richey, C.S.I., C.S., Third Member of Council. Took his seat 15th August 1887.—Pay Rs. 5,120. (*On sick leave.*)

The Hon. Sir R. West, M.A., F.R.G.S., Hon. LL.D. (Edin.), Hon. LL.D. (Queen's University, Ireland), (Barrister-at-Law), K.C.I.E., Fourth Member of Council. Took his seat 12th Nov. 1887.—Pay Rs. 5,120.

The Hon. C. B. Pritchard, C.S.I.E., Temporary Member of Council. Took his seat 18th May 1889.—Salary Rs. 4,335.

PERSONAL STAFF OF HIS EXCELLENCY THE GOVERNOR.

S. W. Edgerley, Esq., C.S., Private Secretary.—Pay Rs. 1,500.

Colonel the Hon. N. G. Lyttelton, Rifle Brig., Military Secretary.

Captain A. Phayre, 3rd Ho. Cav., Aide-de-Camp.

Captain A. W. Forbes, 4th Ho. Cav., Aide-de-Camp.

Lieut. C. F. Pusey, Rif. Brig., Extra do.

Rissadar Roop Singh, 2nd Lancers, Native do.

Major R. H. Daniell, 5th Ho. Cav., Comdt., H. E. the Governor's Body Guard.

Surgeon-Major L. A. Irving, M.S., Medical Officer.—Pay Rs. 1,000.

LEGISLATIVE DEPARTMENT.

ADDITIONAL MEMBERS OF THE COUNCIL OF HIS EXCELLENCY THE GOVERNOR FOR MAKING LAWS AND REGULATIONS.

The Hon'ble M. L. Latham, M.A., (Barrister-at-Law), Advocate General.

" F. Forbes Adam, C.I.E., 2nd June 1888.

" Rao Bahadur Behechardas Velharidas, 5th March 1889.

" Rahimulla Muhammad Sayani, M.A., LL.B., 2nd October 1888.

" Rao Bahadur Gurshidappa Virhasappa Gilganchi, 2nd October 1888.

" A. McHutch, 20th August 1889.

" Navroji Nasirvanji Vaidy, C.I.E., 20th August 1889.

" T. D. Little, M.L.C., 1st December 1889.

" Rao Bahadur Krishnaji Lakshman Nulkar, C.I.E., 1st December 1889.

H. Batty, M.A., (Barrister-at-Law), Secretary, (on dep.)

J. J. Heaton, Acting Secretary.

SECRETARIES AND UNDER-SECRETARIES, &c., TO GOVERNMENT.

J. Nugent, C.S., Chief Secretary, Revenue, Financial and General Depts., and in charge of the Separate Dept.—Pay Rs. 3,750.

J. Monteath, M.A., C.S., Under Secretary, Revenue, Financial and General Departments.—Pay Rs. 1,250.—(on dep.)

J. De C. Atkins, Acting do. —Salary Rs. 1,066-10-8.

W. Lee-Warner, M.A., C.S., Secretary in charge of Political, Secret, Judl. and Educational Depts.—Pay Rs. 3,125.—On furlough.

J. Monteath, M.A., C.S., Offg. do. Salary Rs. 2,500.

H. Batty, M.A., (Barrister-at-Law), C.S., Under Secy., Politi., Judl. and Educ. Depts. & Secy. to the Council of H. E. the Governor for making Laws and Regulations.—Pay Rs. 1,250.—(on dep.)

J. J. Heaton, C.S., Acting do. —Salary Rs. 1,033-5-4.

S. Macdonald, Unconvd. Asst. Secy., Political, Educational and Secret Depts.—Pay Rs. 660.

F. A. Spencer, Unconvd. Assistant Secretary in the Judl. Department.—Pay Rs. 550.

Jehangirshah Erachishah Kohiyar, Unconvd. Asst. Secy., Rev., Finl. and Genl. Depts.—Pay Rs. 700.

A. B. King, Unconvd. Asst. Secy. do. —Pay Rs. 650. and Marriage Regr.—Pay Rs. 60.

W. C. Hughes, M. Inst., C.E., Acting Secretary, Public Works Department.

L. M. Valladarez, Unconvd. Asst. Secretary, do. —Pay Rs. 600.

H. W. Warden, Under Secretary to Government, Railway Department.

ECCLESIASTICAL ESTABLISHMENT.

The Right Rev. Louis George Myne, M.A., D.D., Bishop of Bombay. Installed 6th July 1876; arrived 4th July 1876.—Pay Rs. 2,182-5-4.

The Rev. C. F. H. Johnson, M.A., Archdeacon and Commissary, Salary Rs. 263-10-3.

F. York Smith, M.A., (Cantab.), Registrar of the Diocese.—Pay Rs. 156.

HIGH COURT OF JUDICATURE AT BOMBAY.

CHIEF JUSTICE.

The Hon'ble Sir Charles Sargent, M.A., LL.D., (Barrister-at-Law).—Pay Rs. 5,000.

JUDGES.

The Hon'ble Lytelson Holycroft Bayley, M.A., (Barrister-at-Law).—Pay Rs. 3,750.

" John Scott, M.A., (Barrister-at-Law) " 3,750.

" H. M. Birdwood, M.A., LL.B., C.S., (on furl.) " 3,750.

" J. Jardine, C.S. " 3,750.

" H. J. Parsons, C.S., (Barrister-at-Law) " 3,750.

" Kalinath Trimbak Telang, M.A., LL.B., C.I.E., (Barrister-at-Law) " 3,750.

" W. E. Hart, (Barrister-at-Law), Acting " 3,750.

GOVERNMENT LAW OFFICERS.

The Hon'ble F. L. Latham, M.A., (*Barrister-at-Law*), Advocate General.—Pay Rs. 2,000+200 Office allowance.
 The Hon. J. F. Naylor, C.S., Remembrancer for Legal Affairs.—Pay Rs. 2,500—(on dep.)
 H. Batty, M.A., C.S., Acting do do —Salary Rs. 1,716-10-8.
 F. A. Little, Government Solicitor and Public Prosecutor.—Pay Rs. 2,500.
 Rao Sahib Vishwanath Kanyan Mandlik, B.A., Government Pleader.—Pay Rs. 300.
 L. W. G. Rivett-Carnac, (*Barrister-at-Law*), Administrator General.—Pay Rs. 250.
 H. C. Rickpatrick, (*Barrister-at-Law*), Reporter to the High Court.—Pay Rs. 1,000.—On leave.
 J. C. Anderson, (*Barrister-at-Law*), Acting do. —Salary Rs. 1,000.

SMALL CAUSE COURT.

W. E. Hart, B.A., (*Barrister-at-Law*), First Judge.—Pay Rs. 2,500.
 Rao Bahadur Ganpatrao Bhaskar, Second Judge.—Pay Rs. 1,500.
 Khan Bahadur Kharshedji Manekji Kharshedji, B.A., (*Barrister-at-Law*), Third Judge.—Pay Rs. 1,250.
 E. W. S. Pincher, Fourth Judge.—Pay Rs. 1,000.
 E. Van Der Straeten, Registrar.—Pay Rs. 650.

OFFICERS OF THE COURT.

A. F. Cox, M. C. S., Accountant General.—Salary Rs. 2,500 + 250.
 C. E. Fox, M.A., (*Barrister-at-Law*), Master and Regr. in Equity and Commr. for taking Accounts and Local Investigations and Tacing Officer.—Pay Rs. 2,400.
 J. W. Orr, M.A., (*Barrister-at-Law*), Prothonotary, Testamentary and Admiralty Regr.—Pay Rs. 2,500.
 G. H. Farran, M.A., Asst. Commr. for taking Accounts and Assistant Taxing Officer.—Pay Rs. 1,000.
 L. A. Watkins, First Deputy Registrar, Commissioner for taking Affidavits and Clerk to the Chief Justice.—Pay Rs. 1,000.
 Kalkbarru Frarij Kadi, Second Deputy Registrar.—Pay Rs. 800.
 Limji Navroji Banaji, (*Barrister-at-Law*), Head Assistant, Prothonotary's Office, and Commr. for taking Affidavits.—Pay Rs. 800.
 H. M. Stirling, B.A., (*Barrister-at-Law*), Clerk of the Crown.—Pay Rs. 500.
 C. W. L. Jackson, B.A., (*Barrister-at-Law*), Clerk and Sealer of the Insolvent Debtors' Court.
 C. A. Turner, Official Assignee, Insolvent Debtors' Court.
 Belaji Pandurang, Chief Translator and Interpreter.—Pay Rs. 700.
 Javerlal Unaishtakar Yajnick, Sheriff.
 H. J. Miles, Dy. Sheriff.—Pay Rs. 600.
 F. H. de Brito, Commr. for taking Affidavits and Judges' Clerk.—Pay Rs. 400.
 C. E. G. Crawford, C.S., Registrar, High Court, Appellate Side.—Pay Rs. 1,700, (on furlough).
 G. Jacob, C.S., Acting do do —Salary Rs. 1,400.
 Khundersao Chimanrao Bedarkar, B.A., LL.B., Deputy Registrar and Assistant Reporter.—Pay Rs. 600.
 A. K. Oliver, Asst. Regr. and Supt., High Court Press.—Pay Rs. 600.

MISCELLANEOUS APPOINTMENTS.

Hon. C. B. Pritchard, C.S., B.A., Commissioner in Sindh.—Pay Rs. 3,750 + 250, on dep.
 G. M. Macpherson, B.A., (*Barrister-at-Law*), Judicial Commissioner and Judge, Sadr. Court Sindh.—Pay Rs. 2,500.
 W. H. Prepent, C.S., Commissioner, Northern Division.—Pay Rs. 3,500 + 250 + 50.
 T. D. Mackenzie, C.S., Commissioner, Northern Division.—Pay Rs. 3,500 + 250 + T. A. 50.
 J. G. More, C.S., Commissioner, Central Division.—Pay Rs. 3,500 + 250 + 50.
 A. D. Carey, C.S., Commr., Northern India, Salt Rev., under the Govt. of India at Agra.—Pay Rs. 2,500 + T. A. 250.
 Col. F. J. Wise, Inspector General of Police.—Salary Rs. 1,800 + 250 + 50.
 Col. W. H. Wilson, Commr. of Police, Bombay.—Pay Rs. 1,700 + 500 + 300 R. R.
 C. P. Cooper, (*Barrister-at-Law*), Chief Presidency Magr. and Rev. Judge.—Pay Rs. 2,000.
 P. Ryan, (*Barrister-at-Law*), Second Magistrate.—Pay Rs. 1,000 + House Rent 500.
 W. R. Hamilton, Third Magistrate.—Pay Rs. 800.
 A. W. Lester, Chief Clerk.—Pay Rs. 475 + 50.
 Lieut. Colonel E. V. Riddell, B.E., Mint Master and Mint Engineer.—Pay Rs. 3,000.

Captain G. W. Martin, Assay Master.—Pay Rs. 2,150.—On furlough.
 Surgn. Major H. P. Yeld, Acting do Salary Rs. 1,566-10-8.
 F. W. Peterson, F.S.A., Deputy Assay Master.—Pay Rs. 1,200.
 T. M. Fligate, Inspector-General of Prisons, Registration and Stamps and Registrar General of Births, Deaths and Marriages.—Pay Rs. 2,000 + 200.
 B. A. Fraser, Personal Asst. do —Pay Rs. 250.
 J. Pinkerton, M.D., Surgeon-General.—Pay Rs. 2,500.—(On furlough).
 Dy. Surg.-Genl. W. E. Cotes, F.M.S., Acting do Salary Rs. 2,150.
 R. M. Chatfield, M.A., Director of Public Instruction.—Pay Rs. 2,500.
 W. Wordsworth, B.A., Principal, Elphinstone College.—Pay Rs. 1,500—Europe.
 T. Cooke, M.A., M.J., LL.D., Acting do Salary Rs. 1,500.
 J. Griffiths, Principal and Decorative Artist and Architectural Sculptor.—Pay Rs. 800 + P. A. 100 + H. R. 100.
 J. Burgess, C.I.E., LL.D., M.R.A.S., F.R.S.S., Director General and Archaeological Surveyor of India.—Pay Rs. 1,500.
 B. Hutchinson, Meteorological Reporter for Western India.—Pay Rs. 300.
 A. T. Shuttleworth, Conservator of Forests, 1st Gr., Northern Circle.—Pay Rs. 1,500 + 200.
 J. L. B. MacGregor, do do 3rd " Southern " —Pay Rs. 1,000 + 300.
 Col. J. G. McRae, do do Sind Circle.—Pay Rs. 1,250 + T. A. 300.
 J. K. Spence, C.S., Collector of Bombay and Supt. of Stamps and Stationery and also Commr. of Income Tax (Rs. 250).—Pay Rs. 2,325.
 A. C. Trevor, C.S., Commr. of Customs, Opium, Abkarri and Reporter-Genl., External Commerce.—Pay Rs. 3,500.
 Krishnar Shivram Tipnis, Personal Assistant to Commr. of Customs.
 T. H. Stewart, C.S., Commr. of Survey and Settlement.—Pay Rs. 2,925 + 250 + 55.
 G. W. Vidal, (*Barrister-at-Law*), C.S., Collector of Salt Revenue.—Pay Rs. 2,225 + 150.
 W. P. Symonds, C.S., Post Master General.—Pay Rs. 1,500 + H. R. 125.
 C. A. Stuart, Presidency Post Master.—Pay Rs. 1,000.
 W. Marrett, Deputy Post Master.—Pay Rs. 500 + House Rent 100.
 J. M. Late, Chief Superintendent, Telegraph Department.—Pay Rs. 1,500 + H. R. 50.
 A. F. Cox, M. C. S., Accountant-General.—Salary Rs. 2,500 + 250.
 J. C. Braison, B.C.S., Deputy Accountant-General.—Pay Rs. 1,250.
 E. C. K. Ollivant, C.S., Municipal Commr., Bombay.—Pay Rs. 3,000.
 Yashwant Moreswar Kelkar, Oriental Translator to Government.—Pay Rs. 800.
 F. X. De Silva, Portuguese Translator to Government.—Pay Rs. 50.
 Gopal Moreswar Sahe, B.A., Reporter on the Native Press and Registrar of Native Publications.—Pay Rs. 350.
 Narayan Vishnu Bapat, Curator, Govt. Central Book Depot.—Pay Rs. 350.
 W. Shearer, Supt. of Botanical Gardens.—Pay Rs. 300.
 C. Chambers, F.R.S., Director of Govt. Observatory at Colaba.—Pay Rs. 700.
 J. Kingsmill, Superintendent, Govt. Central Press.—Pay Rs. 880.
 Veterinary Surgeon J. R. Grainger, Supt. of Horse-Breeding Operations.—Pay Rs. 400.
 T. Drewab, Inspector of Steam Boilers and Primer Movers.—Pay Rs. 600 + C. A. 50.

Bombay Military Staff.

Adjutant General of the Army.....Brigadier General C. B. Knowles, C.B., &c.
 —Pay Rs. 2,200.
 Deputy do do Colonel C. A. Cunningham, S.C.—Pay Rs. 80 with S. C. pay of rank.
 Asst. do do Lieut. Col. H. L. Dundas, &c., E. York Regt., p.s.c.—Pay Rs. 600 with S. C. pay of rank.
 Asst. Adjutant General, Royal Artillery.....Col. P. H. Greig, R. A.
 Quarter Master General of the Army.....Br.-Genl. F. J. S. Adam, S.C., Pay Rs. 2,300.—(on furlough).
 Deputy do do Col. J. Jopp, S.C.—Pay Rs. 800 with S. C. Offg. Q. M. G., pay of rank.
 Officiating Deputy Quarter Master General.....Col. G. C. Hogg, 4th Bn. O.
 Deputy Judge Advocate General.....Col. R. F. C. A. Tytler, G.L.—Pay Rs. 2,000.
 Asst. Adjutant General for Musketry Major C. E. Parker-Jervis, Durh. L.I.—Pay Rs. 600 with S. C. pay of rank.
 Garrison Instructor.....Major A. G. Tidy, N. Lan. R.—Pay Rs. 400, with S. C. pay of rank.
 Insp. Genl. of Ordnance.....Colonel W. F. M. Spring, R.A.—Rs. 2,200.—(On furlough).
 Officiating do Col. C. Cowie, R. A.
 Supt., Gun Carriage Factory.....Col. T. Walker, R. A.—Pay Rs. 600 with Regtl. pay of rank.
 Supt., Gun Powder do Col. E. J. Caldecott, R. A.—Pay Rs. 600, with Regtl. pay of rank.
 Commissary General.....Col. W. Luckhardt, &c., A.D.C., S.C.—Pay Rs. 2,200.
 Controller of Military Accounts.....Col. H. H. P. Cowper, B. G. L. I.—Pay Rs. 2,200.

Examiner, Pay Department	Col. C. T. P. Lockmore, M.S.C.
Examiner, Compt. and Bar. Accts.	Major E. J. G. Lewis, B.S.C.
Presidency Paymaster	Col. F. W. Major, B.S.C.
Examiner, Customs and Clothing Accounts.	Major H. F. S. Ramadan, M.S.C.
Examiner, Medical and Fund Accts. (Madras and Bombay Circles)	Brig. Surg. W. S. Fox, L.M.S.
Supt. Army Clothing, (Madras and Bombay)	Col. W. P. La Touche, B.C.—Pay Rs. 700 with S. C. pay of rank.
Supt. Army Schools	Col. M. A. Jacob, B.C.—Pay Rs. 500 with S. C. pay of rank.
Surgeon-Genl. with the Govt. of Bombay	Surg.-Genl. J. Pinksent, M.D.
Surgeon-Genl. H. M.'s Forces	Surg.-Genl. W. M. Webb, Medl. Staff.
Sanitary Commissioner	Surg. Major C. W. MacRury, L.M.S.

Governors of Bombay.

Names.	Assumed charge of office.	Made over charge.	Remarks.
Sir George Oxley	1666	.....	
Mr. Gerald Auzier	1667	.....	
Mr. Thomas Holt	1667	.....	
Sir John Child, Bart.	1680	.....	
Mr. John Vane	1680	.....	
Mr. Barth Harris	1689	.....	
Mr. — Annesley	1692	.....	
Sir John Gayer	1698	.....	
Sir Nicholas Wauke	1702	.....	
Sir H. Oxenden, Bart.	1707	.....	
Mr. William Aldridge	1708	.....	
Mr. Charles Bono	1731	.....	
Mr. William Phipps	1734	.....	
Mr. Robert Cowan	1734	.....	
Mr. John Herne	1734	.....	
Mr. Stephen Law	1735	.....	
Mr. William Wake	1742	.....	
Mr. John Gessie	1742	.....	
Mr. Richard Bouchier	1750	.....	
Mr. Charles Crommelin	1750	.....	
Mr. Thomas Hodges	1757	.....	
Mr. William Hornby	1758	.....	
Mr. Dawson Hart Dodson	1758	.....	
Mr. Andrew Ramsay	1758	.....	
Sir W. Medley	1759	.....	
Sir Robert Abercrombie	1759	.....	
Mr. George Dick	1759	.....	
Mr. John Griffiths	1759	.....	
Mr. Jonathan Duncan	27 Dec 1796	.....	Died in Bombay 11th August 1811.
Mr. George Brown	11 Aug 1811	12 Aug 1812	Officiating.
Sir Evan Nepean, Bart.	11 Aug 1812	1 Nov 1819	
The Hon. Mountstuart Elphinstone	1 Nov 1819	1 Nov 1827	
Major-General the Hon'ble Sir John Malcolm, K.C.B.	1 Nov 1827	1 Dec 1830	
Lieut.-Genl. the Hon'ble Sir Thomas Sidney Beckwith, K.C.B.	1 Dec 1830	.....	Died 15th July, 1831.
Mr. John Reuter	17 Jan 1831	21 Mar 1831	Officiating.
The Earl of Clare	21 Mar 1831	17 Mar 1833	
Sir Robert Grant, K.C.B.	17 Mar 1833	.....	Died at Depart, near Poona, 9th July 1833.
Mr. James Farish	11 July 1833	31 May 1839	Officiating.
Sir J. Rivett-Carnac, Bart.	31 May 1839	27 Apr 1841	
Sir William Hay Macnaghten, Bart.	.....	.....	Appointed 4th August 1841, but before he could take charge was assassinated in Calcutta on the 28th September 1841.

Governors of Bombay—concluded.

Names.	Assumed charge of office.	Made over charge.	Remarks.
Mr. George William Anderson	28 Apr 1841	9 June 1842	Officiating.
Sir George Arthur, Bart., K.C.B.	9 June 1842	5 Aug. 1846	
The Hon'ble Mr. Leacock Robert Reid	6 Aug 1846	28 June 1847	
Sir George Russell Clerk, K.C.B.	28 June 1847	1 May 1848	
Viccount Falkland	1 May 1848	26 Dec 1858	
Lord Elphinstone, G.C.B.	26 Dec 1858	11 May 1860	
Sir George Russell Clerk, K.C.B.	11 May 1860	24 Apr 1862	
Sir Henry Dettie Dyer, K.C.B., G.C.S.I.	24 Apr 1862	5 Mar 1867	
Sir William Robert Seymour Fitz-gerald, G.C.S.I.	5 Mar 1867	6 May 1872	
Sir Philip Edmund Wodehouse, K.C.B., G.C.B.	6 May 1872	30 Apr 1877	
Sir Richard Temple, Bart., G.C.S.I.	30 Apr 1877	15 Mar 1880	
Hon. L. E. Ashburner	15 Mar 1880	28 Apr 1880	Officiating.
Sir James Ferguson, Bt., K.C.M.G., C.I.E.	28 Apr 1880	30 Mar 1883	
The Rt. Hon'ble Lord Reay, LL.B., G.C.I.E.	30 Mar 1883	.....	

MAURITIUS.

Governor and Commander-in-Chief	Sir C. C. Lees, K.C.M.G.
Aide-de-Camp	.....
Deputy Asst. Adjutant-General	Capt. F. S. Thomson, 28th Brig.

CEYLON.

Governor and Commander-in-Chief	Hon'ble Sir A. H. Gordon, K.C.B.
Aide-de-Camp	Lieut. A. C. Christophel, Sea. High.
Brig. General	Major-Genl. W. G. D. Massey, G.B.
Aide-de-Camp	Major H. C. Morland, 9th Lns.
Deputy Asst. Adjutant-General	Major M. Churchill, North's B.

STRAITS SETTLEMENTS.

(Including Prince of Wales' Island, Malacca and Singapore.)

Governor and Commander-in-Chief	Sir C. C. Smith, K.C.M.G.
Aide-de-Camp	Capt. W. G. Massey, R.A.
Deputy Asst. Adjutant-General	Major P. H. Hammond, R.A., p.r.c.
Resident Counsellor at Penang	{ A. M. Skinner, Esq. W. E. Maxwell, Esq., (Ag.)
Resident Counsellor at Malacca	D. F. A. Hurvey, Esq.
Senior Ordnance Store Officer	Asst. Comy. Genl. of Ordee, Hony. Capt. T. Heron.
District Paymaster	Staff Paymaster (and Hony. Lt. Col.) J. J. Tuck.

THE MOST EXALTED ORDER OF THE STAR OF INDIA.

[INSTITUTED 23rd FEBRUARY 1861; ENLARGED 1866 and 1876.]

SOVEREIGN:

Her Most Gracious Majesty the Queen and Empress of India.

GRAND MASTER:

His Excellency the Viceroy and Governor-General of India, The Right Honorable Henry Charles Keith FitzMaurice, Marquess of Lansdowne, Grand Master of the Most Eminent Order of the Indian Empire.

(19th DECEMBER 1885.)

OFFICERS OF THE ORDER.

Registrar—Sir Albert William Woods, Kt., &c.,
Carter Principal King of Arms, Herald's College, London.

(APPOINTED 23rd FEBRUARY 1861.)

Secretary—Sir Henry Mortimer Durand, Esq., K.C.L.E., &c., &c., C.S.,
Secretary to the Government of India in the Foreign Department.

(APPOINTED 23rd FEBRUARY 1861.)

EXTRA KNIGHTS GRAND COMMANDERS.

Field Marshal His Royal Highness ALBERT EDWARD, Prince of Wales:

Duke of Saxony; Prince of Saxe-Coburg-Gotha; Duke of Cornwall and Rothesay; Earl of Chester, Carrick and Dublin; Baron of Renfrew and Lord of the Isles; Great Steward of Scotland; Knight of the Most Noble Order of the Garter; Knight of the Most Ancient and Most Noble Order of the Thistle; Knight of the Most Illustrious Order of St. Patrick; Knight Grand Cross of the Most Hon'ble Order of the Bath; Extra Knight Grand Commander of the Most Exalted Order of the Star of India; Knight Grand Cross of the Most Distinguished Order of St. Michael and St. George; Extra Knight Grand Commander of the Most Eminent Order of the Indian Empire; Knight of the Elephant of Denmark; Knight of the Golden Fleece and Knight of the White Elephant of Siam; Knight Grand Cross of the Order of St. John of Jerusalem; Hon'ble Knight of the Order of St. John, Germany, &c., &c., &c.—25th June 1861.

Vice-Admiral His Royal Highness ALFRED ERNEST ALBERT, Duke of Edinburgh; Earl of Ulster and of Kent in the Peerage of the United Kingdom; Prince of the United Kingdom of Great Britain and Ireland, Duke of Saxony; Prince of Saxe-Coburg-Gotha; Knight of the Most Noble Order of the Garter; Knight of the Most Ancient and Most Noble Order of the Thistle; Knight of the Most Illustrious Order of St. Patrick; Knight Grand Cross of the Most Hon'ble Order of the Bath; Extra Knight Grand Commander of the Most Exalted Order of the Star of India; Knight Grand Cross of the Most Distinguished Order of St. Michael and St. George; Extra Knight Grand Commander of the Most Eminent Order of the Indian Empire, &c., &c., &c.—8th December 1869.

Major-General His Royal Highness ARTHUR WILLIAM PATRICK ALBERT, Duke of Connaught and Strathearn:

Duke of Saxony; Prince of Saxe-Coburg-Gotha; Earl of Sussex; Knight of the Most Noble Order of the Garter; Knight of the Most Ancient and Noble Order of the Thistle; Knight of the Most Illustrious Order of St. Patrick; Extra Knight Grand Commander of the Most Exalted Order of the Star of India; Knight Grand Cross of the Most Distinguished Order of St. Michael and St. George; Extra Knight Grand Commander of the Most Eminent Order of the Indian Empire; Companion of the Most Hon'ble Order of the Bath; Member of the Imperial Turkish Order of Osmanli and the German Order of the Black Eagle, &c., &c., &c.—1st January 1877.

Field Marshal His Royal Highness GEORGE WILLIAM FREDERICK CHARLES,
Duke of Cambridge;

Earl of Tipperary and Baron Culloden, in the Peerage of the United Kingdom; Prince of the United Kingdom of Great Britain and Ireland, Duke of Brunswick Lunenburg; Knight of the Most Noble Order of the Garter; Knight Grand Cross of the Most Hon'ble Order of the Bath; Knight of the Most Illustrious Order of St. Patrick; Extra Knight Grand Commander of the Most Exalted Order of the Star of India; Knight Grand Cross of the Hanoverian and Guelphic Order, Grand Master and First and Principal Knight Grand Cross of the Most Distinguished Order of St. Michael and St. George; Extra Knight Grand Commander of the Most Eminent Order of the Indian Empire; Grand Cordon of the Legion of Honor, &c., &c., &c.—2nd June 1877.

HONORARY KNIGHTS GRAND COMMANDERS.

M. le Comte FERDINAND DE LESSEPS; Knight of the Legion of Honor.—19th August 1870.
His Highness ISMAIL PASHA, &c., &c., Ex-Khedive of Egypt; Knight Grand Cross of the Most Hon'ble Order of the Bath.—27th August 1870.
His Highness MUHAMMAD TEWFIK PASHA, &c., &c., Khedive of Egypt.—3rd May 1875.
His Highness BEGLAR BEGI MIR MUHAMMAD KHODADAD KHAN, Wali of Kabul.—29th July 1875.
His Highness ABUL KAHMAN KHAN, Amir of Afghanistan and its Dependencies.—24th April 1885.
His Royal Highness SULTAN MASSOUD MIRZA, YEMIN-ED-DOWLEH ZIL-ES-SULTAN, of Persia.—1st November 1887.

PREVIOUS GRAND MASTERS OF THE ORDER.

The Right Hon'ble Charles John Viscount Canning, afterwards Earl Canning, &c., &c., &c. (From May 1861 to 12th March 1862.)
The Right Hon'ble the Earl of Elgin and Kincardine, &c., &c., &c. (From 13th March 1862 to 20th Nov. 1863.)
The Right Hon'ble Sir John Laird Mair Lawrence, Bart., &c., &c., &c. (From 13th Jan. 1864 to 12th Jan. 1869.)
The Right Hon'ble the Earl of Mayo, &c., &c., &c. (From 13th Jan. 1869 to 8th Feb. 1872.)
The Right Hon'ble the Baron Northbrook of Stratton, now Earl of Northbrook, &c., &c., &c. (From 8th May 1872 to 12th April 1876.)
The Right Hon'ble the Earl of Lytton, &c., &c., &c. (From 13th April 1876 to 7th June 1880.)
The Most Honorable the Marquis of Ripon, &c., &c., &c. (From 8th June 1880 to 9th Dec. 1884.)
The Right Hon'ble the Earl of Dufferin, &c., &c., &c. (From 13th Dec. 1884 to 9th Dec. 1888.)

PREVIOUS SECRETARIES OF THE ORDER.

Colonel H. M. Durand, &c., &c., &c. Secretary to the Government of India, Foreign Department, afterwards Sir H. M. Durand, &c., &c., &c. (From Aug. 1861 to 11th June 1865.)
Sir W. Muir, &c., &c., &c. Secretary to the Government of India, Foreign Department (From 12th June 1865 to 24th March 1868.)
Sir R. Temple, Bart., &c., &c., &c. Secretary to the Government of India, Foreign Department (From 24th March 1868 to 9th Aug. 1868.)
W. S. Seton-Karr, Esq., &c., &c., &c. Secretary to the Government of India, Foreign Department (From 10th Aug. 1868 to 6th Oct. 1869.)
C. U. Aitchison, Esq., &c., &c., &c. Secretary to the Government of India, Foreign Department, now Sir Charles Aitchison, &c., &c., &c. (From 7th Oct. 1869 to 8th Feb. 1876.)
T. H. Thornton, Esq., &c., &c., &c. Officiating Secretary to the Government of India, Foreign Department (From 9th Feb. 1876 to 1st Nov. 1877.)
C. U. Aitchison, Esq., &c., &c., &c. Secretary to the Government of India, Foreign Department, now Sir Charles Aitchison, &c., &c., &c. (From 2nd Nov. 1877 to 25th April 1878.)
Sir A. C. Lyall, &c., &c., &c. Secretary to the Government of India, Foreign Department (From 26th April 1878 to 9th Sept. 1881.)
Sir Charles Grant, &c., &c., &c. Secretary to the Government of India, Foreign Department (From 10th Sept. 1881 to 21st Feb. 1885.)

No.	MEMBER.	DATE OF APPOINTMENT.
FIRST CLASS, OR KNIGHTS GRAND COMMANDERS (20).		
1.	His Highness Maharaja Dalip Singh—(Europe).....	26th June 1867.
2.	Field Marshal Robert Cornelis Lord Napier, Baron Napier of Magdalen, in Abyssinia, and of Caryington, County Palatine of Chester, &c., &c., &c. (Europe).....	16th Sep. 1867.
3.	The Right Hon'ble Thomas George Earl of Northbrook, of Stratton in the County of Southampton, Viscount Baring of Lee, County Kent, Baron Northbrook of Stratton, and a Baronet (Europe).....	3rd May 1872.
4.	Her Highness Nawab Shah Jahan Begum, of Bhopal, Member of the Imperial Order of the Crown of India—(Central India).....	31st May 1872.
5.	General Sir Neville Bowles Chamberlain, late Bengal Army, &c., &c., &c. (Europe).....	24th May 1873.
6.	His Highness Raj Rajeshwar Maharaj Adhiraj Sir Jaswant Singh Bahadur, of Jodhpur—(Rajputana).....	23rd Oct. 1875.

No.	MEMBERS.	DATE OF APPOINTMENT.
KNIGHTS GRAND COMMANDERS.—(Concluded.)		
7	The Right Hon'ble the Earl of Lytton, in the County of Derby, Viscount Knebworth of Knebworth, County Hertford, Baron Lytton, also of Knebworth, and a Baronet, G.C.B., C.I.E.—[Europe]	19th April 1876
8	His Highness Maharaja Brijandar Sawai Sir Jaswant Singh Bahadur, Bahadur Jang, of Baartpur—[Rajputana]	1st Jan. 1877.
9	Sir Richard Temple, Bart., of the Nash, Kempsey, County Worcester, C.I.E., L.D., late B.C.S.—[Europe]	1st Jan. 1878.
10	Sir John Strachey, C.I.E., L.D., late B.C.S.—[Europe]	3rd May 1878.
11	His Highness Farzand-i-Arjumand Akidat Farwand Danial-i-Inglishia Bazar Bans Sarnur Raja Sir Hira Sing Malwadar Bahadur, of Nabha—[Punjab]	29th July 1879.
12	General Sir Frederick Paul Haines, G.C.B., C.I.E.—[Europe]	1880.
13	The Right Hon'ble Sir Gathorne Gathorne-Hardy, Hensted Park, County Kent, Viscount Cranbrook, Knight Privy Council, L.D.—[Europe]	20th April 1880.
14	The Most Hon'ble George Frederick Samuel, Marquess of Ripon, Earl de Grey, Earl of Ripon, Viscount Goderich, Baron Grantham, in the County of Lincoln, and a Baronet, G.C.B., C.I.E.—[Europe]	8th June 1880.
15	His Highness Rukn-ud-Daula, Nawab Jang Hafizul-Mulk, Mukhlis-ud-Daula, Nawab Sir Sadik Muhammad Khan Bahadur, of Bishawpur—[Punjab]	9th Nov. 1880.
16	His Highness Maharaja Sir Chamarajendra Wodeyar Bahadur, of Mysore—[Mysore]	24th May 1884.
17	The Most Hon'ble Sir Frederick Temple Hamilton Temple Blackwood, K.C.B., G.C.M.G., G.C.I.E., P.C., Marquess of Dufferin and Ava, Earl of Ava, &c., &c.—[Europe]	13th Dec. 1884.
18	His Highness Asaf Juh Muzaffar-ud-Mamalik, Nizam-ul-Mulk, Nizam-ud-Daula, Nawab Mir Sir Mahbub Ali Khan Bahadur Fateh Jang, of Hyderabad—[Deccan]	1st Jan. 1885.
19	The Right Hon'ble Sir James Fergusson, Bart., K.C.M.G., C.I.E., P.C.—[Europe]	25th Feb. 1885.
20	General Sir Donald Martin Stewart, Bart., G.C.B., C.I.E., [Extra]—[Europe]	7th Dec. 1885.
21	Lieut. Colonel His Highness Maharaja Sawai Sir Mangul Singh Bahadur, of Alwar—[Rajputana]	1st Jan. 1886.
22	His Highness Nawab Sir Takht Singji Jaswant Singhji, Thakar Sahib, of Bhavnagar—[Bombay]	1886.
23	The Right Hon'ble Sir Mountstuart Elphinstone Grant-Duff, C.I.E., F.R.S., P.C., [Extra]—[Europe]	28th July 1886.
24	His Highness Farzand-i-Khas-i-Daulat-i-Inglishia, Maharaja Sir Sayaji Rao Gokhwar, Setha Khas Khel Samsher Bahadur, of Baroda—[Baroda]	16th Feb. 1887.
25	His Highness Maharaja Dhiraaj Sir Fateh Singh Bahadur, of Udaipur—[Rajputana]	1887.
26	His Highness Raja Sir Shamsher Prakash Bahadur, of Sirpur—[Punjab]	1887.
27	His Highness Maharaja Ashrafi Raj Rajeshwar Sawai Sir Shivaji Rao Holkar, Bahadur, of Indore—[Central India]	30th June 1887.
28	His Highness Saranand Rajah-i-Hindustan-i-Rajendra Shri Maharaj Ashrafi Sawai Sir Madho Singh Bahadur, Maharaja of Jaipur—[Rajputana]	2nd Jan. 1888.
29	His Highness Sri Padmanabha Dasa Vanji Sir Balarama Varma Kulasekhara Kiritapati Mani Sultan Maharaja Raja Bansi Raja Bahadur Shroshier Jang, of Travancore—[Madras]	24th May 1888.

ABSTRACT.

G.C.B.S.—[30]

British (excluding 2 Extras to be absorbed)	11
Natives	19
Total	30
Proportion.	Variances.
British	12 ..
Natives	18 ..
Grand Total	30

No.	MEMBERS.	DATE OF APPOINTMENT.
SECOND CLASS, OR KNIGHTS COMMANDERS (72).		
1	Sir Thomas Pycroft, K.C., late M.C.S.—[Europe]	29th March 1866.
2	Raja Sir Dinkar Rao, Mashir-i-Khas Bahadur—[V.N.P.]	1866.
3	General Sir Arthur Thomas Cotton, late Madras Engineers—[Europe]	1866.
4	Raja Sir Tanjor Mathaya Rao, late Minister of Baroda—[Madras]	1866.
5	Sir Charles John Wingfield, C.B., late B.C.S.—[Europe]	1866.
6	General Sir Arnold Burrows Kemball, K.C.B., R.A.—[Europe]	1866.
7	Major-General Sir Robert Wallace, late B.C.S.—[Europe]	1866.
8	Major-General Sir William Henry Rodes Green, C.B., late B.C.S.—[Europe]	1866.
9	His Highness Maharaja Sir Datu Tuamungong Abobakr, Sultan of Johore, Hon., G.C.M.G.—[Malayan Peninsula]	17th Sept. 1866.
10	Sir William Muir, K.C.B., G.C.I., late B.C.S.—[Europe]	8th Feb. 1867.
11	General Sir Edward Lechmere Russell, late Bombay Army—[Europe]	24th Aug. 1868.
12	Major-General Sir Frederic John Goldsmid, C.B., late M.C.S.—[Europe]	1st Nov. 1871.
13	Major-General Sir Frederick Richard Pollock, late B.C.S.—[Europe]	6th Feb. 1873.
14	Nawab Sir Khwaja Muhammad Khan Khattak, Khan Bahadur, of Kohat—[Punjab]	24th May 1878.
15	Sir George Campbell, B.C.L., M.P., late B.C.S.—[Europe]	1878.
16	Sir Alexander John Arbuthnot, C.B., late M.C.S.—[Europe]	1878.
17	Lieutenant-General Sir Harry Burnett Lumsden, C.B., late B.C.S.—[Europe]	1878.
18	Sir Robert Henry Davies, C.I.E., late B.C.S.—[Europe]	30th May 1874.
19	Lieutenant-General Sir Richard John Meade, C.I.E., late B.C.S.—[Europe]	1874.
20	Lieut. General Sir Lewis Pelly, K.C.B., late B.C.S.—[Europe]	1874.
21	His Highness Maharaja Sir Rudra Pratap Singh Mahindar Bahadur, of Patna—[Central India]	23rd Oct. 1875.
22	Rao Sir Kashi Rao Holkar Dada Sahib, of Indore—[Central India]	1875.
23	Munshir-ud-Daula Nawab Sir Muhammad Faiz Ali Khan Bahadur, of Patna—[V.N.P.]	1875.
24	Lieutenant-General the Hon'ble Sir Henry Ramsay, C.B., late B.C.S.—[Europe]	1875.
25	Lieutenant-General Sir Samuel James Browne, K.C.B., V.C., late B.C.S.—[Europe]	7th March 1876.
26	Lieutenant-General Sir Dighton Macnaghten Pringle, K.C.B., V.C.—[Europe]	1876.
27	Sergeant-General Sir Joseph Fyfe, K.C.B., (retired) L.D., F.R.S.—[Europe]	1876.
28	Sir James Fitzjames Stephen, B.C.L., Q.C.—[Europe]	1st January 1877.
29	His Highness Maharaja Sir Anand Rao Puar, of Dhar, C.I.E.—[Central India]	1877.
30	The Right Hon'ble Sir Arthur Hobhouse, Baron Hobhouse of Ropsden, in the County of Somerset, C.I.E., M.P., Q.C.—[Europe]	1877.
31	His Highness Sir Mansinghji Ramnarsinghji, Raj Sahib, of Dharamgadhra—[Bombay]	1877.
32	His Highness Shri Sir Vibhaji Rammalji, Jan of Nawabagar—[Bombay]	1877.
33	Sir George Ebenezer Wilson Couper, Bart., C.B., C.I.E., late B.C.S.—[Europe]	1877.
34	Admiral Sir Reginald John Macdonald, K.C.B.—[Europe]	1877.
35	Sir Joseph Dalton Hooker, C.B., M.D., D.C., L.D., F.R.S., F.R.G.S.—[Europe]	2nd June 1877.
36	Sir Thomas Lawrence Seecombe, C.B.—[Europe]	1877.
37	General Sir Michael Kavanagh Kennedy, B.E.—[Europe]	1st Jan. 1878.
38	The Hon'ble Sir Stewart Colvin Bayley, C.I.E., B.C.S.—[Bengal]	26th May 1878.
39	Sir Robert Eyles Egerton, C.I.E., late B.C.S.—[Europe]	29th July 1878.
40	Colonel Sir Owen Tudor Burne, C.I.E., British Army—[Europe]	1878.
41	Colonel Sir Robert Groves Sandeman, B.C.S.—[Butchery]	1878.
42	Sirdar Sir Dewa Singh, President of the Council of Regency, Patiala—[Punjab]	9th Dec. 1880.
43	General Sir Orford Cavanagh, late B.C.S.—[Europe]	24th May 1881.
44	The Hon'ble Sir Charles Impherston Aitchison, C.I.E., L.D., B.C.S.—[Europe]	1881.

No.	MEMBERS.	DATE OF APPOINTMENT.
KNIGHTS COMMANDERS.—(Continued.)		
45	Sir Lionel Henry Girdle, late B.C.S.— <i>Europe</i>	31st May 1881.
46	Maharaja Sir Jotindra Mohan Tagore— <i>Bengal</i>	21st May 1882.
47	Colonel Sir Oliver Beauchamp Coventry, R.E.— <i>Europe</i>	1st Feb. 1883.
48	Sir John Henry Morris, late B.C.S.— <i>Europe</i>	24th May 1883.
49	Maj. Sir Evelyn Baring, C.B., C.M.G., C.I.E., R.A.— <i>Europe</i>	10th Aug. 1883.
50	Sir Augustus Rivers Thompson, C.I.E., late B.C.S.— <i>Europe</i>	1st Jan. 1883.
51	Sir Charles Grant, late B.C.S.— <i>Europe</i>	1st Feb. 1883.
52	Colonel Sir Edward Ridley Colbourne Bradford, M.S.C.— <i>Europe</i>	6th June 1885.
53	Colonel Sir Joseph West Ridgeway, C.B.— <i>Europe</i>	21st July 1885.
54	Hon. Colonel Maharaj Purab Singh Bahadur, of Jodhpur— <i>Europe</i>	1st Jan. 1888.
55	Sir Julius Danvers— <i>Europe</i>	1st Feb. 1889.
56	Sir Theodore Craxall, B.C., C.I.E., Barrister-at-Law, late B.C.S.— <i>Europe</i>	29th May 1885.
57	Sir Charles Edward Bernard, late B.C.S.— <i>Europe</i>	1st Feb. 1889.
58	Nawab Sir Khwaja Abdul Ghani, of Dacca— <i>Bengal</i>	1st Feb. 1889.
59	Sir William Chichele Plowden, F.R.S., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
60	The Hon. Sir Charles Alfred Elliot, B.C.S.— <i>Bengal</i>	16th Feb. 1887.
61	Sir William Wilson Hunter, C.I.E., R.A., C.D., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
62	His Highness Maharaja Sri Saikeshwarsinghji of Idar— <i>Bombay</i>	1st Feb. 1889.
63	Colonel Sir William George Davies, B.C.S.— <i>Europe</i>	1st Feb. 1889.
64	Colonel Sir James Johnstone, B.I.— <i>Europe</i>	1st Feb. 1889.
65	Sir James Craithwaite Peile, late B.C.S.— <i>Europe</i>	2nd Jan. 1888.
66	The Hon. Sir Manji Sir Saiyid Ahmad Khan Bahadur— <i>N.W.F.</i>	1st Feb. 1889.
67	Colonel Sir James Brown, C.B., R.E.— <i>Bengal</i>	1st Feb. 1889.
68	The Hon. Sir James Broadwood Lyall, B.C.S.— <i>Punjab</i>	24th May 1888.
69	Sir Charles Mackenzie Tod, C.I.E., B.C.S.— <i>Bombay</i>	1st Feb. 1889.
70	The Hon. Sir David Miller Parbour, B.C.S.— <i>Bombay</i>	1st Feb. 1889.
71	Nawab Muhammad Akbar Khan, of Amb— <i>Punjab</i>	1st Feb. 1889.
72	Colonel Henry Yule, C.B., R.E.— <i>Europe</i>	24th May 1889.

ABSTRACT.

K.C.S.I.—(72).

British	50
Natives	17
Vacant	0
Established proportion	77

No.	MEMBERS.	DATE OF APPOINTMENT.
THIRD CLASS, OR COMPANIONS (141).		
1	Nawab Sa'id Asghar Ali Khan Bahadur— <i>Bengal</i>	29th Mar. 1866.
2	Phileas F. Williams, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
3	Samuel Mansfield, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
4	Raja Velupati Kanava Achama Nayudu Bahadur, of Venkatapur— <i>Madras</i>	1st Feb. 1889.
5	William Ford, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
6	General Crawford Trotter Chamberlain, B.N.C.— <i>Europe</i>	1st Feb. 1889.
7	Lieutenant-General Richard Strachey, R.E., F.R.S.— <i>Europe</i>	1st Feb. 1889.
8	John Walker Sherer, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
9	Sir William Mackenzie, Esq., F.R.S., M.D., late Madras Medical Establishment— <i>Europe</i>	1st Feb. 1889.
10	Lieut. General Richard Harte Keatinge, V.C., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
11	Major-General John William Youngblood, late B.C.S.— <i>Europe</i>	1st Feb. 1889.

No.	MEMBERS.	DATE OF APPOINTMENT.
COMPANIONS.—(Continued.)		
12	Eyre Burton Powell, Esq., M.A.— <i>Europe</i>	29th Mar. 1866.
13	John Fleming, Esq.— <i>Europe</i>	1st Feb. 1889.
14	Sir Albert Abdullah David Sassoon, Knight— <i>Bombay</i>	1st Feb. 1889.
15	Levin Benthall Bowring, Esq., late B.C.S.— <i>Europe</i>	15th Sept. 1867.
16	General James Maurice Primrose, British Army— <i>Europe</i>	1st Feb. 1889.
17	Edward Hare, Esq.— <i>Europe</i>	1st Feb. 1889.
18	Lieutenant-Colonel James Augustus Grant, C.B., late B.C.S.— <i>Europe</i>	24th Aug. 1868.
19	Major-General Frederic Conyers Cotton, late Madras Engineers— <i>Europe</i>	1st Feb. 1889.
20	General Albert Fyche, late B.C.S.— <i>Europe</i>	1st Feb. 1889.
21	Lieutenant-General Craven Hildesley Dickens, R.A.— <i>Europe</i>	1st Feb. 1889.
22	John Orlando Heredes Oliver, Esq., late Bengal Unconquered Service— <i>Europe</i>	1st Feb. 1889.
23	General Henry Remy, British Army— <i>Europe</i>	1st Feb. 1889.
24	Richard Pryce Harrison, Esq., late B.C.S.— <i>Europe</i>	2nd June 1869.
25	General George Samuel Montgomery, Bombay Army— <i>Europe</i>	1st Feb. 1889.
26	Major Henry Court, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
27	Lieutenant-General John Bligh Spurgin, C.B., late Madras Army— <i>Europe</i>	1st Feb. 1889.
28	William James Munro, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
29	Major-General George Hutchinson, C.B., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
30	Colonel William Dickinson, B.C.S.— <i>Bombay</i>	1st Feb. 1889.
31	Richard Vickers Boyce, Esq.— <i>Europe</i>	1st Feb. 1889.
32	Mir Akbar Ali, Khan Bahadur, of Hyderabad, in the Deccan— <i>Hyderabad</i>	1st Feb. 1889.
33	Raja Sai Kishan Das Bahadur— <i>N.W.F.</i>	1st Feb. 1889.
34	General Sir Henry Errington Longden, C.B., British Army— <i>Europe</i>	25th May 1870.
35	General Sir Henry Edward Landon Thuillier, Kt., R.A.— <i>Europe</i>	1st Feb. 1889.
36	Lieut. General Sir Martin Dillon, C.B., British Army— <i>Europe</i>	1st Feb. 1889.
37	Raja Shiva Prasad, of Benares— <i>Bengal, N.W.F.</i>	1st Feb. 1889.
38	Lieutenant-General Sir Peter Stark Launsden, C.B., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
39	Mir Shahamat Ali— <i>Central India</i>	3rd June 1870.
40	Sir Mangaldas Nathubhai, Knight— <i>Bombay</i>	20th May 1871.
41	Lieut. Robert Ashburner, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
42	Major-General Sir Alexander Cunningham, C.I.E., late Bengal Engineers— <i>Europe</i>	1st Feb. 1889.
43	Colonel George Bruce Malleson, late B.C.S.— <i>Europe</i>	1st Feb. 1889.
44	Muhammad Hayat Khan— <i>Punjab</i>	31st May 1872.
45	Major-General Alfred Thomas Etheridge, late B.C.S.— <i>Europe</i>	1st Feb. 1889.
46	Colonel Charles Bean Khan Smith, Madras Retired List— <i>Zanzibar</i>	1st Feb. 1889.
47	Col. William Tovey, R.E.— <i>Denmark</i>	15th Nov. 1872.
48	Surgeon-General Henry Walter Beale, Retired— <i>Europe</i>	6th Feb. 1873.
49	John Forbes David Inglis, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
50	Sir John Ware Edgar, K.C.L.E., B.C.S.— <i>Bengal</i>	24th May 1873.
51	Lieutenant-General Henry Hopkinson, B.C.S.— <i>Europe</i>	1st Feb. 1889.
52	Major-General Thomas Edward Gordon, B.C.S.— <i>Europe</i>	27th Feb. 1874.
53	Robert Barclay Chapman, Esq., late B.C.S.— <i>Europe</i>	7th Aug. 1874.
54	William Holloway, Esq., late M.C.S.— <i>Europe</i>	23rd Oct. 1875.
55	Edward William Ravenscroft, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
56	General Francis Hornblow Randall, R.E.— <i>Europe</i>	1st Feb. 1889.
57	Bairamji Jijibhai, Esq.— <i>Bombay</i>	1st Feb. 1889.
58	Rao Bahadur Bocherdas Ambaldas— <i>Bombay</i>	1st Feb. 1889.
59	Philip Sanders Melvill, Esq., late B.C.S.— <i>Europe</i>	1st Feb. 1889.
60	Major-General James Michael, M.S.C.— <i>Madras</i>	7th March 1877.
61	Major-General Arthur Edward Augustus Ellis, Grenadier Guards— <i>Europe</i>	1st Feb. 1889.
62	Colonel Philip Durham Henderson, Madras Cavalry— <i>Punjab</i>	1st Feb. 1889.
63	Major-General Harvey Tuckett Duncan, late M.C.S.— <i>Europe</i>	20th Sept. 1870.
64	Sahib Faisal Ali Khan, Nawab of Banganapalli— <i>Madras</i>	1st Jan. 1877.
65	Whitley Stokes, Esq., C.I.E.— <i>Europe</i>	1st Feb. 1889.
66	George Thornhill, Esq., late M.C.S.— <i>Europe</i>	1st Feb. 1889.
67	Azam Gani Shankar Udesbhar— <i>Bombay</i>	1st Feb. 1889.
68	Thomas Henry Thornton, Esq., C.I.E., late B.C.S.— <i>Europe</i>	1st Feb. 1889.

No.	MEMBERS.	DATE OF APPOINTMENT.
COMPANIONS.—(Continued).		
69	Amaravati Sheshaya Shastri, late Diwan of Travancore— <i>Madras</i> ...	1st Jan. 1877.
70	Alexander McLaurin Monteath, Esq., late B.C.S.— <i>Europe</i> ...	Ditto.
71	Bakhshi Khoman Singh, Commandant of the Force of His Highness Maharaja Holkar of Indore— <i>Central India</i> ...	Ditto.
72	Charles Theophilus Metcalfe, Esq., B.C.S.— <i>Bengal</i> ...	Ditto.
73	Dasabhai Pranjli, Esq.— <i>Bombay</i> ...	Ditto.
74	Colonel Leopold John Herbert Grey, B.S.C.— <i>Punjab</i> ...	Ditto.
75	Sir George Christopher Molesworth Birdwood, Kt., K.C.I.E., M.D.— <i>Europe</i> ...	Ditto.
76	Sir Edwin Arnold, K.C.I.E.— <i>Europe</i> ...	Ditto.
77	Lieutenant-General George Clive Hatch, B.S.C.— <i>Europe</i> ...	2nd June 1877.
78	General Charles James Merriman, R.E.— <i>Bombay</i> ...	Ditto.
79	The Hon'ble James Bellot Richey, B.C.S.— <i>Bombay</i> ...	Ditto.
80	John Henry Garstin, Esq., M.C.S.— <i>Madras</i> ...	Ditto.
81	Robert Davidson, Esq., late M.C.S.— <i>Europe</i> ...	Ditto.
82	Colonel Sir Colin Campbell Scott Moncreff, K.C.M.G., R.E.— <i>Bengal</i> ...	Ditto.
83	Sir Robert Anstruther Dalzell, K.C.I.E., late M.C.S.— <i>Europe</i> ...	29th July 1879.
84	Sahibzada Ubedulla Khan, of Tonk— <i>Rajputana</i> ...	Ditto.
85	Colonel William Garrow Waterfield, B.S.C.— <i>Punjab</i> ...	Ditto.
86	Sardar Bakshi Ganda Singh, of Patiala— <i>Punjab</i> ...	9th Nov. 1880.
87	Diwan Ram Jas, of Kapurthala— <i>Punjab</i> ...	Ditto.
88	Br. Genl. Montagu Protheroe, C.B., M.C.S.— <i>Oudacumund</i> ...	Ditto.
89	Lieut.-Colonel Henry Wylie, General List Infantry— <i>Central India</i> ...	Ditto.
90	Colonel William Tweedie, B.S.C.— <i>India</i> ...	Ditto.
91	Sir Henry Mortimer Durand, K.C.I.E., B.C.S.— <i>Bengal</i> ...	Ditto.
92	Sir Donald Campbell Macnabb, K.C.I.E., late B.C.S.— <i>Europe</i> ...	24th May 1881.
93	Lieut.-Colonel Nawab Muhammad Atzal Khan— <i>Punjab</i> ...	Ditto.
94	Major-General John Salisbury Trevor, late Bombay Engineers— <i>Europe</i> ...	Ditto.
95	Hon'ble Abul Cockerell, Esq., B.C.S.— <i>Europe</i> ...	Ditto.
96	Major-General Samuel Black, late B.S.C.— <i>India</i> ...	Ditto.
97	Lieut.-General William Comsmaker Anderson, B.S.C.— <i>Bombay</i> ...	Ditto.
98	Colonel Edward Charles Ross, B.S.C.— <i>Persian Gulf</i> ...	24th May 1882.
99	William Huddleston, Esq., late M.C.S.— <i>Europe</i> ...	Ditto.
100	Charles Puget Carmichael, Esq., late B.C.S.— <i>Europe</i> ...	Ditto.
101	William Brittain Jones, Esq., late B.C.S.— <i>Europe</i> ...	Ditto.
102	The Hon'ble Lieut.-General George Tomkyns Chesney, C.B., C.I.E., R.E.— <i>Europe</i> ...	Ditto.
103	Sir Jamshedji Jijibhai, Bart.— <i>Bombay</i> ...	Ditto.
104	Charles Gonne, Esq., late B.C.S.— <i>Europe</i> ...	Ditto.
105	Major-General Robert Murray, B.S.C.— <i>Europe</i> ...	24th May 1884.
106	H. W. Primrose, Esq.— <i>Europe</i> ...	14 Jan. 1885.
107	The Hon'ble Herbert John Reynolds, M.A., B.C.S.— <i>Bengal</i> ...	6th June 1885.
108	Surg.-General James Macnab Cunningham, M.D., R.E.— <i>Europe</i> ...	Ditto.
109	Colonel Michael Weekes Willoughby, B.S.C.— <i>Europe</i> ...	6th June 1885.
110	Lieut.-Colonel Frederick Mercer Hunter, C.B., B.S.C.— <i>Bombay</i> ...	Ditto.
111	Courtesy Peregrine Albert, Esq., Barrister-at-Law— <i>Europe</i> ...	1st Jan. 1886.
112	Henry Edward Sullivan, Esq., M.C.S.— <i>Europe</i> ...	Ditto.
113	Alexander Mackenzie, Esq., M.A., B.C.S.— <i>Central Provinces</i> ...	29th May 1886.
114	Charles Bradley Pritchard, Esq., B.C.S.— <i>Bombay</i> ...	Ditto.
115	The Hon'ble Charles Gilbert Master, M.C.S.— <i>Europe</i> ...	16th Feb. 1887.
116	James Graham Cordery, Esq., M.A.— <i>Europe</i> ...	Ditto.
117	Kumaraparam Sheshadri Aiyar, Esq.— <i>Mysoor</i> ...	Ditto.
118	Henry Napier Bruce Erskine, Esq., B.C.S.— <i>Europe</i> ...	Ditto.
119	Raja Puri Mohan Mukharji— <i>Bengal</i> ...	Ditto.
120	Sir Frederick Russell Hogg, K.C.I.E., late B.C.S.— <i>Europe</i> ...	Ditto.
121	Colonel Sir William Stephen Alexander Lockhart, C.B. (Bengal Infantry)...	Ditto.
122	George James Spence Hodgkinson, Esq., B.C.S.— <i>Burma</i> ...	Ditto.
123	Major Charles Edward Tate, C.B., B.S.C.— <i>Bengal</i> ...	Ditto.
124	William Rudolph Henry Merk, Esq.— <i>Punjab</i> ...	Ditto.
125	Nawab Abdul Majid Khan— <i>Punjab</i> ...	Ditto.
126	The Hon'ble James Wallace Quinton, B.C.S.— <i>N.W.P.</i> ...	Ditto.
127	Dennis Fitzpatrick, Esq., B.C.S.— <i>Hyderabad, Deccan</i> ...	Ditto.
128	Rao Chhatrapati Bahadur, Jagirdar of Ahpura— <i>Central India</i> ...	Ditto.

No.	MEMBERS.	DATE OF APPOINTMENT.
COMPANIONS.—(Concluded).		
129	Mauing Gaung Khawun Mingyi— <i>Burma</i> ...	16th Feb. 1887.
130	Sir William Gerald Seymour Vesey Fitzgerald, K.C.I.E.— <i>Europe</i> ...	Ditto.
131	Major-General Oliver Richardson Newmarch, B.S.C., Retired— <i>Europe</i> ...	Ditto.
132	The Hon'ble Philip Percival Hatchins, M.C.S.— <i>Calcutta</i> ...	2nd Jan. 1888.
133	William Erasmus Ward, Esq., B.C.S.— <i>Burma</i> ...	Ditto.
134	Francis Langford O'Callaghan, Esq., C.I.E.— <i>Rajputana</i> ...	Ditto.
135	Edward Raban Cave-Browne, Esq.— <i>Europe</i> ...	Ditto.
136	James Westland, Esq., B.C.S.— <i>Bengal</i> ...	Ditto.
137	Anthony Patrick MacDonnell, Esq., B.C.S.— <i>Bengal</i> ...	24th May 1888.
138	The Hon'ble Andrew Richard Seale, C.B.— <i>Bengal</i> ...	Ditto.
139	George Douglas Burgess, Esq., B.C.S.— <i>Burma</i> ...	1st Jan. 1889.
140	Colonel Edward Lacom Ommamney, B.S.C.— <i>Punjab</i> ...	Ditto.
141	The Hon'ble Henry Edward Stokes, M.C.S.— <i>Madras</i> ...	24th May 1889.
142	Vacant.	Ditto.
143	Vacant.	
144	Vacant.	

ABSTRACT.

C.S.I.—(144).

British...	115
Natives...	20
Total	141
Vaziries	3
Established proportion...	144

THE ORDER OF THE INDIAN EMPIRE.

INSTITUTED 31st DECEMBER 1877. ENLARGED 2nd AUGUST 1886
and 1st JUNE 1887.)

SOVEREIGN.

Her Most Gracious Majesty the Queen and Empress of India.

GRAND MASTER.

His Excellency the Viceroy and Governor-General of India, The Right Honourable Henry Charles Keith FitzMaurice, Marquess of Lansdowne, Grand Master of the Most Exalted Order of the Star of India, 10th December 1888.

OFFICERS OF THE ORDER.

Registrar—Sir Albert William Woods, Kt., C.B., *Chief Principal King of Arms, Herald's College, London.*
Secretary—Sir Henry Mortimer Durand, K.C.I.E., C.B., C.S., *Secretary to the Government of India in the Foreign Department.*
Previous Grand Masters of the Order—The Right Hon'ble the Earl of Lytton, C.B., G.C.S.I., from 1st January 1878 to 7th June 1880; The Most Hon'ble the Marquis of Ripon, K.G., G.C.S.I., from 8th June 1880 to 9th December 1884; The Earl of Dufferin, K.P., G.C.B., G.C.S.I., G.C.M.G., C.I.E., from 13th Dec. 1884 to 9th Dec. 1889.
Previous Secretaries of the Order—Sir Charles Campbell-Lyons, Bt., K.C.B., C.I.E., B.C.S., from 1st January 1878 to 25th April 1878; Sir Alfred Comyns Lyall, K.C.B., C.I.E., B.C.S., from 20th April 1878 to 9th September 1881; Sir Charles Grant, K.C.B., from 10th September 1881 to 21st February 1885.

EXTRA KNIGHTS GRAND COMMANDERS.

Field Marshal R.R.H. The Prince of Wales, K.G., K.T., G.C.B., K.P., G.C.M.G., G.C.S.I.—21st June 1887.
The Admiral R.R.H. The Duke of Edinburgh, K.G., K.P., G.C.B., G.C.M.G., G.C.S.I.—21st June 1887.

Major-General H.R.H. The Duke of Connaught and Strathearn, K.G., K.T., K.P., G.C.B., G.C.M.G., C.B.—21st June 1887.

Field Marshal H.R.H. The Duke of Cambridge, K.G., K.T., G.C.B., K.P., G.C.S.I., G.C.M.G.—21st June 1887.

No.	MEMBERS.	DATE OF APPOINTMENT.
FIRST CLASS, OR KNIGHTS GRAND COMMANDERS (25).		
1	His Excellency The Right Hon'ble Sir Frederick Temple Hamilton Temple Blackwood, K.T., G.C.B., G.C.S.I., G.C.M.G., P.C., Marquess of Dufferin and Ava and Earl of Ava, &c.—[Europe]	1st June 1887.
2	His Excellency The Right Hon'ble Sir Donald James, Lord Reay—[Bombay]	21st June 1887.
3	His Excellency The Right Hon'ble Sir Robert, Baron Commaire—[Madras]	Ditto.
4	His Excellency General Sir Frederick Sleight Roberts, Bart., G.C.B., V.C.—[Bengal]	Ditto.
5	His Highness Maharaja Shri Mirza Raja Sawai Sir Khengarji Bahadur, Rao of Kutch—[Bombay]	30th June 1887.
6	Lieut. Colonel His Highness Maharaja Sir Nripendra Narayan Bhup Bahadur, of Kuch Behar—[Bengal]	23rd Feb. 1888.

ABSTRACT.

British	4
Natives	2
Vacancies	19
Full complement	25

No.	MEMBERS.	DATE OF APPOINTMENT.
SECOND CLASS, OR KNIGHTS COMMANDERS (50).		
1	The Hon'ble Sir Edmund Drummond, late B.C.S.—[Europe]	16th Feb. 1887.
2	The Hon'ble Sir Alfred Comyns Lyall, K.C.B.—[Europe]	Ditto.
3	Sir Robert Anstruther Daryell, C.S.I., late M.C.S.—[Europe]	Ditto.
4	Major-General Sir Alexander Cunningham, C.S.I., late R.E.—[Europe]	Ditto.
5	His Highness Sir Bhagwatsinghji Sagramji, Thakur Sahib, of Gondal—[Bombay]	Ditto.
6	The Hon'ble Rana Sir Shankar Baksh Singh Bahadur, of Thakral [N.W.P.]	Ditto.
7	Sir Dietrich Brandis, Ph.D.—[Europe]	Ditto.
8	Sir Monier Monier-Williams, Kt., M.A., D.C.L., LL.D.—[Europe]	Ditto.
9	The Hon'ble Maharaja Sir Pasupati Ananda Gajapati Raz, of Vizianagram—[Madras]	Ditto.
10	Sir Alexander Meadows Rendel, M.A., M.I.C.E.—[Europe]	Ditto.
11	Sir Donald Campbell Macnab, C.S.I., late B.C.S.—[Europe]	Ditto.
12	Sir George Christopher Molesworth Birdwood, Kt., C.S.I., M.D., LL.D.—[Europe]	Ditto.
13	His Highness Raja Sir Ranjit Singh, of Ratlam—[Central India]	Ditto.
14	Surgeon-General Sir Benjamin Simpson, M.D.—[Bengal]	Ditto.
15	Sir Albert Leppock Cappel—[Europe]	Ditto.
16	Nawab Sir Ali Radr Syad Hasan Ali Khan Bahadur, of Murshidabad—[Bengal]	Ditto.
17	Maharaja Sir Lachmeshwar Singh Bahadur, of Durbhanga—[Bengal]	Ditto.
18	Sir Donald Mackenzie Wallace—[Bengal]	Ditto.
19	The Hon'ble Sir Alfred Woodley Croft, M.A.—[Bengal]	Ditto.
20	Sir Bradford Leslie—[Europe]	Ditto.
21	His Highness Sir Waghji Rawji, Thakur Sahib of Merv—[Bombay]	30th June 1887.
22	Sir Jyewantsinghji Fatsingshji, Thakur Sahib of Limri—[Bombay]	Ditto.

No.	MEMBERS.	DATE OF APPOINTMENT.
KNIGHTS COMMANDERS.—(Continued.)		
23	Sir William Gerald Seymour Vesey Fitzgerald, C.S.I.—[Europe]	2nd Jan. 1888.
24	Sir Charles Arthur Turner, Kt.—[Europe]	Ditto.
25	Nawab Sir Bashir-ud-Daulah Amir-i-Akbar Asman Jah Bahadur—[Hydrabad, Deccan]	Ditto.
26	Nawab Sir Shams-ul-Umra Anwar-i-Kabir Khurshid Jah Bahadur—[Hydrabad, Deccan]	Ditto.
27	Sir Edwin Arnold, C.S.I.—[Europe]	Ditto.
28	Maharaja Sir Radha Prasad Singh Bahadur, of Durgam—[Bengal]	Ditto.
29	His Highness Sir Vira Kirta Varma, Raja of Garha—[Madras]	Ditto.
30	Sir Arthur Nicolson, C.M.G.—[Europe]	Ditto.
31	The Hon'ble Sir Raymond West, B.C.S.—[Bombay]	20th Mar. 1888.
32	The Hon'ble Nawab Sir Nawazid Ali Khan—[Punjab]	24th May 1888.
33	Sir Guilford Lindsay Moleworth—[Bengal]	Ditto.
34	Sir Frederick Russell Hogg, C.S.I., late B.C.S.—[Europe]	Ditto.
35	Sardar Sir Naqaz Khan, of Khawar—[Afghanistan]	Ditto.
36	Surgeon-General Sir William James Moore, B.C. Med. Service—[Europe]	Ditto.
37	Nawab Sir Thani Baksh Khan—[Punjab]	Ditto.
38	Mahamahopadhyaya Sardar Sir Alar Singh, of Bindaur—[Punjab]	Ditto.
39	The Hon'ble Raja Velugoti Sri Raja Sir Gopala Krishna Yachendra Bahadur, of Vrukategiri—[Madras]	Ditto.
40	Maharaja Sir Harendra Kishor Singh Bahadur, of Bettiah—[Bengal]	Ditto.
41	The Hon'ble Sir Gregory Charles Paul—[Bengal]	Ditto.
42	Maharaja Sir Narendra Krishna—[Bengal]	Ditto.
43	Sir Henry Mortimer Durand, C.S.I., B.C.S.—[Bengal]	Ditto.
44	Maharaja Krishna Pratap Sahai Bahadur, of Hathwa—[Bengal]	1st Jan. 1889.
45	Sir Arthur George Macpherson—[Europe]	Ditto.
46	Sir William Markby—[Europe]	Ditto.
47	Sir Henry Stuart Cunningham—[Europe]	Ditto.
48	Maharaja Shri Sir Wakhatsinghji, Raja of Lunawara—[Bombay]	Ditto.
49	Sir John Ware Edgar, C.S.I., B.C.S.—[Bengal]	24th May 1889.
50	Passat.	Ditto.

ABSTRACT.

British	29
Natives	20
Vacancies	1
Full complement	50

No.	MEMBERS.	DATE OF APPOINTMENT.
THIRD CLASS, OR COMPANIONS.		
COMPANIONS AND MEMBERS.		
<i>Ex-officio and for Life.*</i>		
<i>(Under the old Statutes.)</i>		
1	Aitchison, The Hon'ble Sir Charles Umpherston, K.C.S.I., LL.D., B.C.S., late Lieut. Governor of the Punjab—[Europe]	1st April 1882.
2	Arbuthnot, Sir Alexander John, K.C.S.I., late Councillor of the Empress of India, and late Member of the Council of the Governor-General—[Europe]	1st Jan. 1878.
3	Baring, Major Sir Evelyn, G.C.M.G., K.C.B., Royal Artillery, late Member of the Council of the Governor-General—[Egypt]	27th Dec. 1880.
4	Chespey, The Hon'ble Lieut. General George T. R.E., C.S.I., C.B., Member of the Council of the Governor-General—[Bengal]	21st July 1886.
5	Clarke, Lieut. General Sir Andrew, G.C.M.G., C.B., R.E., late Member of the Council of the Governor-General, Councillor of the Empress of India—[Europe]	1st Jan. 1878.

* Ex-officio appointments are no longer made.

No.	MEMBERS.	DATE OF APPOINTMENT.
COMPANIONS AND MEMBERS.—(Continued.)		
6	Colvin, The Hon'ble Sir Auckland, K.C.M.G., late Member of the Council of the Governor-General—[N.W.P.]	11th Oct. 1883.
7	Couper, Sir George Ebenezer Wilson, Baronet, K.C.S.I., late Lieutenant-Governor of the North-West Provinces and Chief Commissioner of Oudh and Councillor of the Empress of India—[Europe]	1st Jan. 1878.
8	Davies, Sir Robert Henry, K.C.S.I., late Lieutenant-Governor of the Punjab and Councillor of the Empress of India—[Europe]	Ditto.
9	Edgerton, Sir Robert, K.C.S.I., late Lieutenant-Governor of the Punjab and Councillor of the Empress of India—[Europe]	Ditto.
10	Ferguson, The Right Hon'ble Sir James, Baronet, K.C.S.I., K.C.M.G., P.C., late Governor of the Punjab—[Europe]	28th April 1890.
11	Grant-Duff, The Right Hon'ble Mountbatten, K.C.S.I., K.C.M.G., P.C., late Governor of Madras—[Europe]	3th Nov. 1891.
12	Haines, General Sir Frederick Paul, K.C.S.I., late Commander-in-Chief in India and Councillor of the Empress of India—[Europe]	1st Jan. 1878.
13	Hobhouse, The Rt. Hon'ble Sir Arthur, Baron Hobhouse, K.C.S.I., M.A., Q.C., late Member of the Council of the Governor-General and Councillor of the Empress of India—[Europe]	22nd July 1882.
14	Hope, Sir Theodore, Cressart, K.C.S.I., B.C.S., late Member of the Council of the Governor-General—[Europe]	2nd May 1882.
15	Hibert, Courtenay Peregrine, Esq., M.A., Barrister-at-Law, late Member of the Council of the Governor-General—[Europe]	Ditto.
16	Johnson, General Sir Edwin Beaumont, K.C.B., R.S., late Member of the Council of the Governor-General and Councillor of the Empress of India—[Europe]	1st Jan. 1878.
17	Lytton, H. E. The Right Hon'ble the Earl of, G.C.B., G.C.S.I., late Viceroy and Governor-General of India—[Europe]	Ditto.
18	Norman, General Sir Henry Wyllie, G.C.B., G.C.S.I., late Member of the Council of the Governor-General and Councillor of the Empress of India—[Queensland]	8th June 1880.
19	Ripon, The Most Hon'ble the Marquis of, G.C.B., G.C.S.I., G.C.M.G., P.C., late Viceroy and Governor-General of India—[Europe]	Ditto.
20	Stewart, General Sir Donald Martin, Baronet, G.C.B., G.C.S.I., late Commander-in-Chief in India—[Europe]	Ditto.
21	Stokes, Whitley, Esq., C.S.I., late Member of the Council of the Governor-General and Councillor of the Empress of India—[Europe]	Ditto.
22	Sturchev, Sir John, G.C.S.I., late Member of the Council of the Governor-General and Councillor of the Empress of India—[Europe]	Ditto.
23	Temple, Sir Richard, Baronet, G.C.S.I., LL.D., D.C.L., late Governor of Bombay and Councillor of the Empress of India—[Europe]	24th Sept. 1880.
24	Thompson, Sir Augustus Rivers, K.C.S.I., late Lieut.-Governor of Bengal—[Europe]	18th April 1878.

COMPANIONS (NATIVE INDIANS).

1	Mir Mahomed Khan, eldest son and heir of His Highness the Khan of Kelat—[Baluchistan]	1st Jan. 1878.
2	Sir Louis Stewart Jackson, Knight, late B.C.S.—[Europe]	Ditto.
3	Lieut.-General Sir Richard John Meade, K.C.S.I., B.S.C., Retired—[Europe]	Ditto.
4	Raja Sri Rajamani Raja Deva, Zamindar of Mandasi—[Madras]	Ditto.
5	Mir Jam Ali Khan, Jan of Las Bela, Kelat—[Baluchistan]	Ditto.
6	Sader Asad Khan, Chief of the Samuwan Bratons, Kelat—[Baluchistan]	Ditto.
7	Colonel Sir Owen Tudor Burne, K.C.S.I., British Army—[Europe]	Ditto.
8	Sardar Gharib Khan, Chief of the Jalawan Bratons, Kelat—[Baluchistan]	Ditto.
9	Richard Hays Puckle, Esq., late M.C.S.—[Europe]	Ditto.
10	Nawab Sayid Vilayat Ali Khan, Barker, Zamindar and Honorary Magistrate, Paton—[Bengal]	Ditto.
11	Major-General William George Mahwaring—[Europe]	Ditto.
12	Raja Rajendra Lala Mitra, LL.D., Calcutta—[Bengal]	Ditto.

No.	MEMBERS.	DATE OF APPOINTMENT.
COMPANIONS.—(Continued.)		
13	Surgeon-General John Falkerton Beaton, M.D., Indian Medical Department, Retired—[Europe]	1st Jan. 1878.
14	Surgeon-General James Tyrell Carter Ross, Indian Medical Department, Retired—[Europe]	Ditto.
15	Norman Robert Pogson, Esq., F.R.A.S.—[Madras]	Ditto.
16	Sir William Wilson Hunter, K.C.S.I., B.A., LL.D., late B.C.S.—[Europe]	Ditto.
17	Major-General Edward Charles Sparshott Williams, R.F.—[Europe]	Ditto.
18	Rear-Admiral John Bythsea, V.C., C.B., C.S.I., R.N.—[Europe]	Ditto.
19	Major-General Henry Walton B.S.C.	Ditto.
20	Major-General Henry Moore, C.B., B.S.C.—[Europe]	Ditto.
21	The Hon'ble Tiravur Mathuswami Aiyar, M.A., Judge of the High Court of Judicature—[Madras]	Ditto.
22	Lieutenant-General William Gordon, B.S.C.—[Europe]	Ditto.
23	Donald Graham, Esq.—[Bombay]	Ditto.
24	Deputy Surgeon-General Thomas Gilham Hewlett, Bombay Medical Department—[Bombay]	Ditto.
25	Johann Georg Buhler, Esq., Ph.D., late Bombay Educational Service—[Europe]	Ditto.
26	Mahashopadhyaya Bapu Deva Shastri, Benares—[N.W.P.]	Ditto.
27	Thomas Mitchell Gibson, Esq., B.A.—[Bengal]	Ditto.
28	Sir Roper Lathbridge, Knight, M.A.—[Europe]	Ditto.
29	Babu Bhader Mohari—[Bengal]	Ditto.
30	George Smith, Esq., LL.D., Edinburgh—[Europe]	Ditto.
31	John Henry Rives-Carnac, Esq., F.R.S., B.C.S.—[N.W.P.]	Ditto.
32	Lieut.-Col. The Hon'ble George Campbell Napier—[Europe]	Ditto.
33	Roscoe Doquet, Esq.—[Punjab]	Ditto.
34	James Blackburn Knight, Esq., of Calcutta—[Bengal]	Ditto.
35	George W. Allen, Esq.—[N.W.P.]	1st Jan. 1878.
36	Ramanji Jamsaji, Esq.—[Bombay]	Ditto.
37	William Digby, Esq.—[Europe]	Ditto.
38	Frederick Salaman Growse, Esq., M.A., B.C.S.—[N.W.P.]	Ditto.
39	Col. Eugene Clutterbuck Incey, late of the Bengal Staff Corps—[Europe]	Ditto.
40	Baba Khun Singh, Bedi, of Kallar District, Rawalpindi—[Punjab]	Ditto.
41	Col. Edward Samuel Ludlow, M.S.C.—[Hyderabad, Deccan]	Ditto.
42	Raja Mangal Singh Bahadur, of Binala—[Ajmer]	Ditto.
43	Mang On, Esq., A.T.M., of Rangoon—[Burma]	Ditto.
44	Surgeon-Major Daniel Robert Thompson, M.A.—[Europe]	Ditto.
45	Lieut.-General James Francis Tennant, R.E.—[Europe]	Ditto.
46	Andrew Wingate, Esq., B.C.S.—[Kashmir]	Ditto.
47	Surgeon-General William Robert Cornish, F.R.C.S., Madras Medical Department, Retired—[Europe]	1st Jan. 1880.
48	Sir Francis Philip Cunliffe Owen, K.C.B., K.C.S.I.—[Europe]	Ditto.
49	Lieutenant-General Sir Henry Dominick Daly, G.C.B., late B.S.C.—[Europe]	Ditto.
50	Pandit Anwar Chandra Vidyasagar—[Bengal]	Ditto.
51	The Reverend Father Eugene Lafont, S.J., of Calcutta—[Bengal]	Ditto.
52	Gopal Kishor Vaidya Vyasa Iyer, Esq., Off. Secy. of Telegraphs—[Bengal]	Ditto.
53	Charles James Leach, Esq., M.A., B.C.S.—[Assam]	Ditto.
54	Charles Gordon Welland Macpherson, Esq., B.C.S.—[Bombay]	Ditto.
55	The Hon'ble Mir Humayun Jah Bahadur—[Madras]	Ditto.
56	Monsieur Pierre Francois Henri de Nangnette, Nancy, France—[Europe]	Ditto.
57	Charles Edward Pittman, Esq., Telegraph Dept.—[Bengal]	Ditto.
58	Pandit Siraj Narain, late Post Asst. and Dy. Bheel Agent, Manipur—[General India]	Ditto.
59	Khan Bahadur Asaf Shahabuddin—[Bombay]	Ditto.
60	George Schley, Esq., C.E.—[Europe]	Ditto.
61	Raja Sri Sahindra Mohan Tagon, Knight, Doctor of Music—[Bengal]	Ditto.
62	M. Johan Eliza de Vry, of Lieden—[Europe]	27th Aug. 1890.
63	Sardar Jagat Singh, of Jind—[Punjab]	15th March 1881.
64	Dewan Bishan Singh, of Nabha—[Punjab]	Ditto.
65	Sardar Nali Balah, of Kapurthala—[Punjab]	Ditto.
66	David Ross, Esq., F.R.C.S., M.A.—[Punjab]	Ditto.
67	Richard Isaac Bruce—[Punjab]	Ditto.
68	James Thomas Christie, Esq.—[Punjab]	Ditto.

No.	MEMBERS.	DATE OF APPOINTMENT.
COMPANIONS.—(Continued.)		
69	Alexander Frederick Douglas Cunningham, Esq., B.C.S.— Punjab	15th Mar. 1881.
70	Nawab Mirza Husein Ali Khan—Persia	1881.
71	The Hon'ble Sir Stenart Colvin Bayley, K.C.S.I., B.C.S.—Bengal	24th May 1881
72	Mahamahendrayya Mahesh Chandra Nyayaratna, Calcutta— Bengal	1881.
73	Major William Hutt Curzon Wyllie, B.C.S.—Rajputana	1881.
74	Mirza Ghulam Ahmad—Punjab	1881.
75	Surgeon Major Edward John Waring, late of the Madras Medical Establishment—Europe	1881.
76	Sardar Sultan Jan, Saddogah, Kohat—Punjab	2nd Jan. 1882
77	Brigade Surgeon John Anderson—Europe	1882.
78	Sambji Shapurji Bhega—Bombay	1882.
79	Surgeon Charles William Owen, C.M.S., Bengal—N.W.F.	1882.
80	Henry Lewis Dampier, Esq., late B.C.S.—Europe	1882.
81	General John Augustus Fuller, R.E.—Europe	1882.
82	John Lambert, Esq., Calcutta—Bengal	1882.
83	Rao Bahadur Mahadeo Vasudeo Barve—Bombay	1882.
84	George Felton Mathew, Esq., late Indus Valley State Railway	1882.
85	Mirza Abbas Khan, of Meshed—Persia	1882.
86	Rai Bahadur Hittu Ram—Baluchistan	1882.
87	Saifid Abdul Hak, Sardar Diler Jung Bahadur Komalkar— Hydrabad Deccan	1882.
88	Saifid Atul Hasain, Khan Bahadur—Central Provinces	1882.
89	Khan Bahadur Postanj Jhangir—Bombay	1882.
90	Honorary Lieut.-Colonel John Robertson—Europe	1882.
91	Sir William Mackinnon, Bart, Chairman of the British India Steam Navigation Company, Limited—Europe	21st Mar. 1882
92	Nawab Saifid Latif Ali Khan, of Patna—Bengal	1882.
93	Sardar Major Mani Lal, Sardar Bahadur, 20th Regiment, Bengal —Punjab	29th Dec. 1882
94	His Highness Maharaja Sir Anand Rao Puar, of Dhar, C.S.I.— Central India	1882.
95	His Excellency Ali Kuli Khan, Mukhtar-ul-Daula—Persia	1882.
96	Sir Henry Christopher Mance, R.E., Engineer and Electrician Indo- European Telegraph Department—On leave	1882.
97	Henry George Keene, Esq., M.B.S., late of the Bengal Civil Service—Europe	1882.
98	Brigade Surgeon James Edward Tierney Aitchison, M.D., Bengal Retired—Europe	1882.
99	The Hon'ble Dr. Mahendra Lal Sarkar, Calcutta—Bengal	1882.
100	Nawab Abdul Latif Bahadur, of Calcutta—Bengal	1882.
101	Raghunath Narayan Khote, Esq.—Bombay	1882.
102	Raja Bakar Ali Khan, Bahadur District—N.W.F.	1882.
103	Captain Claude Clerk—Europe	1882.
104	Casper Purdon Clarke, Esq.—Europe	1st Jan. 1883
105	Surgeon-General George Bidie, M.D., F.R.S., Indian Medical Service—Madras	1883.
106	Alexander Grant, Esq., Mem. Inst. C.E.—Europe	24th May 1883
107	Francis Langford O'Callaghan, Esq., C.S.I., Mem. Inst. C.E.— Baluchistan	1883.
108	Lieut.-Colonel David Wilkinson Campbell—Bengal	1883.
109	Lieut.-Colonel Frederick Peterson—Europe	1883.
110	Colonel Thomas Ross Clureh, M.S.C.—Europe	1883.
111	Lieut.-Colonel Samuel Jackson—Bombay	1883.
112	Thakur Bishu Singh, Dholpur—Rajputana	1883.
113	Frederick Augustus Hugh Elliot, Esq., B.C.S.—Baroda	1883.
114	Colonel Robert Home, Royal (late Bengal) Engineers—Bengal	1st Jan. 1884
115	Baden Henry Baden Powell, Esq., B.C.S.—Punjab	1884.
116	Pandit Het Ram, Bewal—Central India	1884.
117	John Faithful Fleet, Esq., B.C.S.—Bombay	1884.
118	Raja Saghar Yemmedl Sankara Raja Yesnauth Bahadur, Zamindar of Jhangar, North Arcot—Madras	1884.
119	George Alfred Barnett, Esq., Great Indian Peninsula Railway— Bombay	1884.
120	Babu Chota Lal Sijwar, Gaya—Bengal	21st May 1884
121	The Rev. William Miller, M.A.—Madras	1884.
122	The Honorable Kashinath Primbak Telang, M.A., LL.B., Barrister- at-Law—Bombay	1884.

No.	MEMBERS.	DATE OF APPOINTMENT.
COMPANIONS.—(Continued.)		
123	Benjamin Lewis Rice, Esq.—Madras	21st May 1884
124	Captain George O'Brien Carey, Indian Marine, Retired—Europe	1884.
125	Rai Kandi Lal De, Bahadur, of Calcutta—Bengal	1884.
126	Colonel Charles Edward Stewart, C.M.S., B.C.S.—Persia	1884.
127	The Hon'ble Raja Durga Chandra Lalia, Calcutta—Bengal	1st Jan. 1885
128	Monsr. Francois Alfred Putoz, Nancy, France—Europe	1885.
129	Monsr. Licien Boppe Nancy, France—Europe	1885.
130	Colonel Lewis Conway Gordon, R.E.—Bengal	1885.
131	James MacNabb Campbell, Esq., M.A., B.C.S.—Madras	1885.
132	Rao Sahib Mahipatram Rupnath Nilkanth—Bombay	1885.
133	Ralph Thomas Hodgkin Griffith, Esq., M.A., late Director of Public Instruction—Madras	1885.
134	Kuwar Barnam Singh, Ahluwalia, of the Kapurbhata State —Punjab	1885.
135	Risaldar Major Isari Prasad, Sardar Bahadur, Pension Estab- lishment, late 1st Regiment, Central India Horse	1885.
136	Demetrius Pantoty, Esq.—Bengal	1885.
137	Colonel Robert Parry Nisbet, B.C.S.—Punjab	1885.
138	James Balaban Nickterlien, Hennessey, Esq., M.A., F.R.S., late Trigonometrical Branch, Survey of India—N.W.F.	1885.
139	Dalpatram Dayabhai, Poet, of Guzerat—Bombay	1885.
140	Major Cecil Adelbert Talbot, B.C.S.—Thebes, Sudan	1885.
141	James Burgess, Esq., LL.D., M.B.A.S., P.R.S., Archaeological Survey— Bombay	1885.
142	George Hammett, Esq.—Madras	1885.
143	M.R.Ry. Sir F. Savala Ramaswami Mudaliyar, Avargal, Kt.— Madras	1885.
144	Lieut.-Colonel Lord William Leslie de La Poer Bessford, V.C., 9th Lancers—Bengal	1st Jan. 1886
145	Colonel Andrew Higgins—Punjab	1886.
146	Mortimer Soper Howell, Esq., M.A., B.C.S.—N.W.F.	1886.
147	Colin Arnot Robertson Browning, Esq., M.A.—Central Provinces	1886.
148	Risaldar Major Man Singh, Sardar Bahadur, late 9th Bengal Cavalry—Punjab	1886.
149	Arthur Naylor Wallaston, Esq., India Office—London	1886.
150	Muhammad Hasan Khan, Bhopal—Central India	1886.
151	Raja Jung Bahadur Khan, of Nainpara—Oudh	1886.
152	Babu Sarat Chandra Das—Bengal	1886.
153	Pandit Dhanraj Narain, Rai Bahadur—Central India	1886.
154	Genl. The Hon'ble Sir Arthur Edward Hardinge, K.C.B.—Gwalior	1886.
155	Lieut.-Colonel Sir Hugh Richard Viscount Downe—Europe	1886.
156	Seth Lachhman Das, of Muttra—N.W.F.	1886.
157	Edward Spence Smyce, Esq., Bengal Civil Service—Baroda	1886.
158	Rao Bahadur Ranchhodlal Chhetmal, of Ahmedabad—Bombay	1886.
159	Deputy Surgeon-General Alexander Morrison Dallas, Indian Medical Service, Bengal—Punjab	1886.
160	Frederick Charles Kennedy, Esq.—Baroda	1886.
161	George Watt, Esq., M.D., Bengal Educ. Service—Bengal	23rd June 1886
162	Sir John William Tyler, Rnt., M.D., Agri.—N.W.F.	1886.
163	Colonel Augustus LeMessurier, Royal Engineers—Bengal	1886.
164	Major Richard Nevill—Hydrabad, Deccan	1886.
165	Maheshji Mervanshi Bhavnagar—Bombay	1886.
166	Joseph Ralph Edvard John Royle, Esq., India Office—Europe	1886.
167	The Hon'ble Colman Patrick Louis Maenday, Esq., M.A., B.C.S.— Bengal	1st Jan. 1887
168	Sardar Jivoo Singh, of Barua—Punjab	1887.
169	John Lockwood Kipling, Esq.—Punjab	1887.
170	Fraser Kieffern, Esq., Ph.D.—Europe	1887.
171	Rai Moha Panna Lalji—Rajputana	1887.
172	Brigade Surgeon Henry Elmsley Basted, M.D., I.M.S., Retired— Europe	1887.
173	Pestani Hormasji Kama, Esq.—Bombay	1887.
174	Carl Ludolf Grischbach, Esq., F.R.S.—Punjab	16th Feb. 1887
175	Captain Frederick Duncun Balke, B.C.S.—Baroda	1887.
176	Rao Bahadur Mahadeo Govind Ranade, M.A., F.R.S.—Bombay	1887.
177	William Wordsworth, Esq., M.A.—Bombay	1887.
178	Captain Albert Frederick DeLancey, C.M.S.—Rajputana	1887.
179	Sardar Sher Ahmad Khan—Punjab	1887.

No.	MEMBERS.	DATE OF APPOINTMENT.
COMPANIONS.—(Concluded).		
180	Hon. Major Muhammad Aslam Khan, Sardar Bahadur, 5th B.C.—[Punjab]	18th Feb. 1887.
181	Henry Montagu Mathews, Esq., M.C.—[Burma]	Ditto.
182	The Hon'ble Pulli Chentel Rao Pantulu—[Madras]	Ditto.
183	Colonel John Stewart, R.A., Retired—[Europe]	Ditto.
184	Sayid Amir Ali, Barrister-at-Law, Calcutta—[Bengal]	Ditto.
185	Henry Seymour King, Esq.—[Europe]	Ditto.
186	George Jameson Swann, Esq.—[Burma]	Ditto.
187	Thomas Beattie Christie, Esq., M.C.—[Europe]	Ditto.
188	William James Maitland, Esq.—[Europe]	Ditto.
189	Maurice C. De St. Myron of Mandalay—[Burma]	Ditto.
190	Charles St. Kafala, of Kutch—[Bombay]	30th June 1887.
191	Charles Charles Wemyss Muir, B.S.C.—[Europe]	15th July 1887.
192	Risaldar Jafar Ali Khan, Sardar Bahadur, 3rd P.—[Bengal]	Ditto.
193	Colonel George Rizzo Goodfellow, B.S.C.—[Bombay]	8th August 1887.
194	Colonel Charles Wodehouse, B.S.C.—[Bombay]	Ditto.
195	Major-General Thomas Denham, B.S.C., Retired—[Europe]	15th Sept. 1887.
196	The Hon'ble Frank Forbes Adam—[Bombay]	2nd Jan. 1887.
197	Munshi Nawal Kishor, of Lucknow—[Oudh]	Ditto.
198	Rao Bahadur Krishnaji Lakshman Nalkar of Puna—[Bombay]	Ditto.
199	Colonel Henry Constantine Evelyn Ward, B.S.C.—[Central India]	Ditto.
200	Frederick Thomas Granville Walton, Esq.—[N.W.P.]	Ditto.
201	Ney Elias, Esq.—[Bengal]	Ditto.
202	Shahzade Nadr, of Ludhiana—[Punjab]	Ditto.
203	Razi Sayid Ahmad Khan Bahadur—[Punjab]	Ditto.
204	The Hon'ble Sayid Amir Hussain, of Calcutta—[Bengal]	Ditto.
205	Reinhold Ross, Esq., L.T.P., Ph.D., M.A., India Office—[Europe]	Ditto.
206	Colonel Charles Smith Maclean, C.A., B.S.C., Meshed—[Persia]	20th Mar. 1888.
207	Edmund Foster Webster, Esq., late M.C.S.—[Europe]	1st June 1888.
208	Lieut.-Colonel Alexander John Lawrence, B.S.C.—[N.W.P.]	Ditto.
209	Colonel James Cavan Berkeley, Madras Army—[Europe]	Ditto.
210	Edward Charles Kayll Ollivant, Esq., B.S.C.—[Bombay]	Ditto.
211	Hira Sahib Lal Rammaji Parshad Singh, of Rewari—[Central India]	Ditto.
212	Major William Sinclair Smith Bisset, R.E.—[Bombay]	Ditto.
213	Meherji Jai Kurnaji Tarapurvala, of Kolhapur—[Bombay]	Ditto.
214	Charles Henry Tawney, Esq.—[Bengal]	Ditto.
215	Colonel Thomas Welton, M.S.C.—[Madras]	Ditto.
216	Henry Irwin, Esq., M.C.—[Rajputana]	Ditto.
217	Captain Buchanan Scott, R.E.—[Europe]	Ditto.
218	Arthur Hedding Hildebrandt, Esq.—[Burma]	Ditto.
219	Lieut.-Colonel James Walker—[Punjab]	Ditto.
220	Risaldar Major Muzaffar Khan, Sardar Bahadur, 4th Cav., Hyderabad Contingent—[Hyderabad, Deccan]	Ditto.
221	James McPerrin, Esq.—[Europe]	17th Nov. 1887.
222	Lieut. Col. Edwin Henry Hayler Collett, B.S.C.—[Bengal]	1st Jan. 1889.
223	The Hon'ble S. Subramaniya Aiyar, Rai Bahadur—[Madras]	Ditto.
224	Edwin Felix Thomas Atkinson, Esq., B.C.S.—[Bengal]	Ditto.
225	Captain John Hunt, R.N., A.D.C.—[Bombay]	Ditto.
226	Randakrishna Gopikhandarkar—[Bombay]	Ditto.
227	Lieut.-Col. William Breckon Hadron—[Bengal]	Ditto.
228	Surgeon Major John Findlay, M.C.—[Europe]	Ditto.
229	Sayid Mirza Ali, of Gulistan—[N.W.P.]	Ditto.
230	Henry Josiah Wemyss, Esq.—[Punjab]	Ditto.
231	Rajah Sudhan Dev, of Bamra—[Central Provinces]	Ditto.
232	Frederick William Stevens, Esq., M.C.—[Europe]	Ditto.
233	Babu Pratap Chandra Rai, of Calcutta—[Bengal]	Ditto.
234	Arthur Wallis Paul, Esq., B.C.S.—[Bengal]	Ditto.
235	Rayner Childe Parker, Esq.—[Europe]	10th April 1889.
236	Major Charles Henry Ellison Adamson, M.S.C.—[Burma]	24th May 1889.
237	Henry William Bliss, Esq., M.C.S.—[Madras]	Ditto.
238	Naraji Nasarwanji Vadia—[Bombay]	Ditto.
239	Brigade-Surgeon Isidore Bernadotte Lyon, I.M.S.—[Bombay]	Ditto.
240	Khalifa Sayid Muhammad Hasan Khan Wazir-ul-Daula Madabbi- ul-Mulk, of Patiala—[Punjab]	Ditto.
241	John Walker Bayars, Esq., M.C.—[Burma]	Ditto.

ABSTRACT.

Ex-officio Companions.		
British	.. .. .	25
Natives	.. .. .	0
Total	.. .. .	25
Ordinary Companions.		
British	.. .. .	154
Natives	.. .. .	87
Total	.. .. .	241

WARRANT OF PRECEDENCE.

HOME DEPARTMENT, NOTIFICATION, PUBLIC, *Sinla*, the 1st November 1877, No. 2032.

In supersession of Home Department Notification, No. 3274, dated the 6th July 1871, the following new Warrant of Precedence for India, which has been approved by Her Majesty the Queen, Empress of India, and which has received Her Royal Sign Manual, as also the graded list of civil offices not reserved for Members of the Covenanted Civil Service, supplementary to the Warrant of Precedence, which has been prepared under the orders of the Governor-General in Council, are published for general information:—

1. Warrant of Precedence approved by the Queen, Empress of India.
Vicereina, by the grace of God, of the United Kingdom of Great Britain and Ireland Queen, Defender of the Faith, Empress of India:—

To all to whom these presents shall come greeting:
Whereas it hath been represented unto Us that it is advisable that the rank and precedence of persons holding appointments in the East Indies, as regulated by our Royal Warrant, dated the 6th day of May 1871, should be altered in manner hereinafter mentioned, We do therefore hereby declare that it is Our Will and Pleasure, notwithstanding anything in Our said Warrant contained, that the following Table be henceforth observed with respect to the rank and precedence of the persons hereinafter named, &c.:—

- Governor-General and Viceroy of India.
- Governors of Madras and Bombay.
- President of the Council of the Governor-General.
- Lieutenant-Governor of Bengal, the North-Western Provinces, or the Punjab, when in his own territories.
- Commander-in-Chief in India.
- Lieutenant-Governors of Bengal, the North-Western Provinces, and the Punjab.
- Chief Justice of Bengal.
- Bishop of Calcutta, Metropolitan of India.
- Ordinary Members of the Council of the Governor-General.
- Commanders-in-Chief in Madras and Bombay.
- Commander-in-Chief of Her Majesty's Naval Forces in India, unless senior in relative rank to the Commander-in-Chief of Madras and Bombay, in which case he will take the precedence.
- Chief Justices of Madras, Bombay and the North-Western Provinces.
- Bishops of Madras and Bombay.
- Ordinary Members of Council in Madras and Bombay.
- Chief Commissioners and Resident at Hyderabad, and Agents to the Governor-General in Rajputana, Central India, and Baroda.
- Puisne Judges of the High Courts of Calcutta, Madras, Bombay, and the North-Western Provinces.
- Military Officers above the rank of Major-General.
- Additional Members of the Council of the Governor-General, when assembled to make Laws, &c.
- Lord Bishops of Lahore and Rangoon.
- Secretaries to the Government of India.
- Commissioner in Sind.
- Judges of the Chief Court, Punjab.
- Additional Members of the Council of the Governors of Madras and Bombay when assembled to make Laws, &c.
- Chief Secretaries to the Government of Madras and Bombay.
- Members of the Legislative Council of the Lieutenant-Governor of Bengal and North-Western Provinces and Oudh.
- Vice-Chancellors of Indian Universities.

FIRST CLASS.

- Civilians of thirty-one years' standing and Major-Generals.
- Advocate-General, Calcutta.
- Advocates-General, Madras and Bombay.
- Members of the Boards of Revenue, Madras, Bengal, and the North-Western Provinces, and Commissioners of Revenue and Customs, Bombay.
- Financial Commissioner, Punjab.
- Judicial Commissioners, and the Recorder of Rangoon.
- Comptroller-General of Accounts in India.
- Commissioners of Divisions within their own Divisions, and Residents, Political Agents and Superintendents on pay of Rupees 2,000 per mensem or more (not being Collectors or Deputy Commissioners of British Districts) within their own charges.

FIRST CLASS—continued.

34. Civil and Military Secretaries to Governments, Madras and Bombay, and Civil Secretaries to Governments, Bengal, North-Western Provinces, and Punjab.

35. Surveyor-General of India, and

Directors-General of the Post Office, and of Telegraphs.

36. Chief Engineers, 1st Class.

37. Archdeacons of Calcutta, Madras and Bombay.

38. Brigadier-General.

SECOND CLASS.

39. Civilians of twenty-three years' standing and Colonels.

40. Commissioners of Divisions and Commissioners of Police, Calcutta.

41. Private Secretary to the Viceroy.

42. Residents, Political Agents, and Superintendents on pay of Rupees 2,000 per mensem or more (not being Collectors or Deputy Commissioners of British Districts).

43. Superintendent, Great Trigonometrical Survey.

44. Commissioner of Inland Customs.

45. Sanitary Commissioner with the Government of India.

46. Superintendent of the Geological Survey.

47. Inspector-General of Forests in India.

48. Standing Counsel to the Government of India.

49. Military Accountant-General.

50. Directors of Public Instruction under local Governments.

51. Accountants-General for local Governments.

52. Inspector-General of Police under local Governments.

53. Director of Revenue Settlement, and Superintendent of Revenue Survey, Madras; Survey and Settlement Commissioners, Bombay; Commissioner of Settlements, Punjab.

54. Remembrancers of Legal Affairs and Government Advocates in the North-Western Provinces, the Punjab, and British Burma.

55. Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta and Lahore, and Chief Engineers, 2nd and 3rd Classes, under local Governments.

56. District and Sessions Judges, Collectors and Magistrates of Districts, Deputy Commissioners of Districts, Deputy Superintendent of Port Blair, and the Chief Officer of each Presidency Municipality, within their respective charges.

57. Officers in the 1st Class, graded list of civil offices not reserved for members of the Covenanted Civil Service.

THIRD CLASS.

58. Civilians of eighteen years' standing and Lieutenant-Colonels.

59. Political Agents and Superintendents on pay of Rupees 1,500 per mensem, but less than Rupees 2,000 (not being Collectors or Deputy Commissioners of British Districts) within their own charges.

60. Military Secretary to the Government of Punjab, and Civil Secretary to local Administrations.

61. Private Secretaries to Governors.

62. Directors of Public Instruction under local Administrations.

63. Administrators-General, Calcutta, Madras, and Bombay.

64. Inspector-General of Jails and of Registration, Sanitary Commissioners, Inspectors and Conservators of Forests under local Governments, & Postmasters-General.

65. Accountants-General for local Administrations.

66. Consulting Engineer to the Government of India for Guaranteed Railways, Lucknow, and Chief and Superintending Engineers when Secretaries to local Administrations, or to Agents to the Governor-General.

67. Inspectors-General of Police under local Administrations.

68. Senior Chaplains.

69. Depy. Director of the Indian Marine.

70. Port Officers of Calcutta, Madras, Bombay and Rangoon.

71. Sheriffs within their own charges.

72. Officers in the 2nd Class, graded list of civil offices not reserved for members of the Covenanted Civil Service.

FOURTH CLASS.

73. Civilians of twelve years' standing, and Majors.

74. Political Agents and Superintendents on pay less than Rupees 1,500 per mensem, within their own charges.

75. Government Solicitors.

Officers in the above table will take precedence in order of the numbers of the entries. Those included in one number will take precedence *inter se* according to the date of entry into that number.

When an Officer holds more than one position in the table, he will be entitled to the highest position accorded to him.

Officers who are temporarily officiating in any number in the table will rank in that number below permanent incumbents.

All officers not mentioned in the above table, whose rank is regulated by comparison with rank in the army, to have the same rank with reference to Civil Servants as is enjoyed by Military Officers of equal grades.

All other persons who may not be mentioned in this table to take rank according to general usage, which is to be explained and determined by the Governor-General in Council in case any question shall arise.

Nothing in the foregoing Rules to disturb the existing practice relating to precedence at Native Courts, or on occasions of intercourse with Natives, and the Governor-General in Council to be empowered to make rules for such occasions in case any dispute shall arise.

All ladies to take place according to the rank here assigned to their respective husbands, with the exception of wives of Peers, and of *Widows* having precedence in England independently of their husbands, and who are not in rank below the daughters of Barons, such ladies to take place according to their several ranks, with reference to such precedence in England, immediately after the wives of Members of Council at the Presidencies in India.

Given at the Court at Balmoral, this eighteenth day of October, in the year of Our Lord One thousand eight hundred and seventy-six, and in the Fortieth Year of our Reign.

(By Her Majesty's Command.)

(Signed) SALISBURY.

2. Supplementary graded list of civil offices not reserved for members of the Covenanted Civil Service prepared under the orders of the Governor-General in Council.

FIRST CLASS—(Number 57 of the Warrant).

Deputy Comptroller-General.
Deputy Secretaries to the Govt. of India.
Deputy Surveyors-General and Superintendents of Revenue Survey.
Directors of State Railways.
Inspector of Local Offices of Account.

Commissioner of Salt, Abkari and Separate Revenue, Madras Presidency.
Venerable the Archdeacon of Lahore.
Mint Masters of Calcutta and Bombay.
Assy Masters of the Mint, Calcutta and Bombay.

SECOND CLASS—(Number 72 of the Warrant).

Chairman of the Port Trust, Calcutta.
Chairman of the Town Council, Bombay.
Commissioners of Police, Madras and Bombay.
Deputy Accountants-General to Local Govts.
Deputy Commissioners of Districts and of Settlements.
Deputy Director-General of the Post Office.
Deputy Director-General of Telegraphs.
Deputy Inspectors-General of Police.
Deputy Superintendents of Revenue, Topographical, and Trigonometrical Surveys, 1st Grade.
Deputy Superintendent of Port Blair.
Directors of Traffic and Construction, Telegraph Department.
Educational Department Officers, 1st Grade.
Examiners of Accounts, Public Works Dept., 1st Class and 2nd Class, 1st Grade.

First Judges of Presidency Courts of Small Causes.
Geological Survey Officers, 1st Grade.
Government Astronomer, Madras.
Superintendent of Royal Botanical Gardens, Calcutta.
Superintendent of Marine Survey.
Supdt. of Imam Settlements, Mysore.
Superintendents of Revenue Survey and Assessment, Bombay and Mysore.
Superintending Engineers, P. W. Dept.
Under Secretaries to the Govt. of India.
Principal of the Mayo College at Ajmere.
Deputy Director of the Persian Gulf Section of the Indo-European Telegraph.
District Judges in Oudh who are not Covenanted Civilians. Commanders of the Indian Marine.
Principal of the Rajkumar College.

THIRD CLASS—(Number 77 of the Warrant).

Assistant Secretaries to the Government of India.
Deputy Commissioner, Inland Customs.
Deputy Commissioner of Police, Calcutta.
Deputy Commissioners of Revenue Settlements, and Deputy Superintendents of Revenue Surveys, Madras.
Deputy Superintendents of Revenue, Topographical, and Trigonometrical Surveys, 2nd Grade.
Educational Department Officers, 2nd Grade.
Examiners of Accounts, Public Works Department, 2nd Class, 2nd Grade.
Executive Engineers, Public Works Department, 1st Grade.
Geological Survey Officers, 2nd Grade.
Inspector-in-Chief, Cotton Frauds, Bombay.

Junior Judge of Presidency Courts of Small Causes.
Presidency Magistrates.
Registrars to the High Courts and to the Chief Court, Punjab.
Settlement Officer, Sind.
Superintendent of the Indian Museum.
Superintendents of Stamps and Stationery.
Superintendents, Telegraph Department, 1st and 2nd Grades.
Engineer and Electrician of the Persian Gulf Section of the Indo-European Telegraph.
First Grade officers of six years' seniority & Chief Engineers of the Indian Marine.
Deputy Commissioners of Salt and Abkari Revenue, Madras.
First Assistant to the Resident in the Persian Gulf.

(Signed) ARTHUR HOWELL, Off. Secy. to the Govt. of India.

GOVERNMENT HOUSE.

PRIVATE ENTREE LIST REVISED AND CORRECTED.

1. His Excellency the Commander-in-Chief (with Officers of personal Staff in attendance).
2. The Hon'ble the Chief Justice.
3. The Right Reverend Lord Bishop of Madras (with Domestic Chaplain in attendance).
4. Members of Council.
- 5.
- 6.
- 7.
8. The Judges of the High Court.
- 9.
- 10.
- 11.
- 12.
- 13.
14. Members of Legislative Council.
- 15.
- 16.
- 17.
18. The Chief Secretary.
19. The Vice-Chancellor of the University.
20. The Surgeon-General, with the Government of Madras.
21. The Surgeon-General, Her Majesty's Forces.
22. The Advocate-General.
- 23.
- 24.
25. Members of the Revenue Board.
- 26.
- 27.
28. The Secretary to Government, Revenue Department.
29. The Secretary to Government, Military Department.
30. The Secretary to Government, Public Works Department.
31. The Joint Secretary to Government, Irrigation Branch.
32. The Joint Secretary to Government, Railway Branch.
33. The Venerable the Archdeacon of Madras.
34. The General Officer Commanding Madras District.
35. The Adjutant-General.
36. The Quartermaster-General.
37. The Controller of Military Accounts.
38. The Commissary-General.
39. The Inspector-General of Ordnance.
40. The Director of Public Instruction.
41. The Accountant-General.
42. The Inspector-General of Police.
43. The Superintendent of Revenue Survey.
44. The Collectors of Madras and Chingleput.
45. The President of the Madras Municipality.
46. The Deputy Adjutant-General.
47. The Deputy Quartermaster-General.
48. The Deputy Judge Advocate-General.
49. Assistant Commissary-General.
50. The Administrator-General.
51. The Inspector-General of Jails.
52. Do. of Registration.
53. The Sanitary Commissioner.
54. The Conservator of Forests, Northern Circle.
55. The Conservator of Forests, Southern Circle.
56. The Postmaster-General.
57. The Senior Chaplain of the Church of Scotland in the Presidency.
58. The Presidency Port Officer, Madras.
59. The Sheriff of Madras.
60. The Commissioner of Police.
61. The Officers of His Excellency the Governor's Body Guard.
62. The Government Astronomer.
- 63.
- 64.
- 65.
66. The Foreign Consuls at Madras.
- 67.
- 68.
- 69.
70. The Most Rev. Archbishop Colgan.
71. The Right Reverend Dr. Henry Joseph Reed da Silva.
72. The Editor of the Madras Mail.
- The Prince of Arcot.

To the following Native Chiefs of the Presidency the privilege of the Entrée would be accorded when in Madras:—

- | | |
|---|---|
| His Highness the Maharajah of Travancore. | The Honorable the Maharajah of Vizianagaram, K.C.I.E. |
| His Highness the Rajah of Cochin. | The Maharajah of Jeypore, Vizagapatam. |
| His Highness the Rajah of Pudukota. | The Zamorin of Calicut. |
| The Nawab of Bunganapalle. | The Hon'ble the Rajah of Venkatagiri, K.C.I.E. |
| The Rajah of Sandur. | The Rajah of Bobbili. |

The Entrée cards granted in accordance with this list give admission for the holder's carriage through the Chapank gates of the Park to the Private Entrance (south door) of the Banqueting Hall on occasions of Levées, Balls, and Receptions.

Cards must be shown to the Police on duty at the end of the avenue in the Chapank Park and at the Mount Road end of the road to Government House.

Officials entitled to the Private Entrée at Calcutta or Bombay are granted the privilege at Madras when passing through, or on temporary duty at the Presidency.

A copy of the list is furnished to the Commissioner of Police for guidance in the control of carriages on special occasions.

(By order.)

J. J. SCOTT-CHISHOLME, Major, 4th Lancers, Milb. Secy. to H. E. the Govr.

NOTE.—Such gentlemen as have not received, or have lost their cards, are requested to apply to the Military Secretary.

SALUTES.

The Imperial salute consists of 101 guns and is reserved for the personal presence of the Sovereign. The royal salute consists of 31 guns.

Whenever the Viceroy shall arrive at any place where there is a fort or battery from which salutes are fired, a royal salute shall be fired from such fort or battery, and similar salutes are to be fired upon his final departure and on such other occasions as may be directed.

When Governors or Lieutenant-Governors quit their governments on leave of absence, they are entitled to the same salutes on their departure from, and on their return to, their governments as on their first assuming them, or on final departure.

General Officers are only entitled to a salute of guns when exercising actual military command, or when deputed on military duty, and provided they are the senior officers on the spot.

The Inspector-General of Artillery is, however, entitled to the salute of his rank at all stations which he may visit in the performance of his inspection duties, whether he be senior or junior to the officer commanding the station.

All subjects of the British Government, troops in the service of the British Crown, and troops and subjects of native chiefs in India are required to pay the same marks of respect to the Viceroy's flag when unfurled as are shown to the royal flag.

The following is the table of salutes in India:—

Persons.	No. of Guns.	
The Queen and Empress when present in person ...	101	
Members of the Royal Family ...	81	By the forts and batteries within the Indian territories and seas,* and on being taken in with by or visiting any of Her Majesty's ships within these limits.
Royal Standard and Royal Salute ...	51	
Viceroy and Governor-General of India.	51	
Independent Asiatic Sovereigns	21	
Other Foreign Sovereigns	21	
Members of their families and their standards ...	21	
Ambassadors ...	19	
Governors of Presidencies ...	17	See note (c).
The President of the Council of India.	17	
Governor-General of Portuguese Settlements in India ...	17	By the forts and batteries within the Indian territories and seas and by Her Majesty's ships within these limits.
Governor of Pondicherry...	17	
Governors of Her Majesty's Colonies ...	17	See note (b).
Lieutenant-Governors of Provinces in India ...	15	
Field Marshals or Admirals of the Fleet ...	17	
Commander-in-Chief in India and Commanders-in-Chief of Presidencies ...		According to military rank with two guns more than specified below in the scale for rank.
Commanders-in-Chief of Her Majesty's Naval Forces ...		According to naval rank, with two guns more than specified below in the scale for rank.
Provincial Commander-in-Chief ...		According to military rank, with two guns more than specified below in the scale for rank, within his own presidency only.
Generals and Admirals, or their Flags ...	15	The same within Indian territories and seas.
Members of Council ...	15	See note (c).
Placidipotentialies and Envoys ...	15	See note (d).
Lieutenant-Governors of Her Majesty's Colonies ...	15	See note (b).

* Indian territories are understood to include all the waters of India within three miles of the coast thereof. Indian seas to extend from the north-west entrance of the Straits of Malacca to Cape Comorin, excepting Ceylon, and from Cape Comorin to Aden, including the Maldiva and Laccadive Islands and the Persian Gulf.

SALUTES—Continued.

Persons.	No. of Guns.	
Vice-Admirals, or Lieutenant-Generals, or their Flags	13	The same within Indian territories and seas.
Agents to the Viceroy & Governor-Genl. Residents	13	See note (b).
Chief Commissioners of Provinces and Commissioners of Sind	13	See note (b).
Rear-Admirals and Major-Generals, or their Flags	11	
Political Agents and Charges d'Affaires. Commodores of the first class, and Brigadier-Generals	11	See note (d).
Consuls-General	9	
The Portuguese Governor of Damão	9	The same within Indian territories and seas.
The Governor of Dew	9	
Return salutes to foreign Men-of-war	...	Gun for gun, but only when such ships are saluting the national flag on arrival.
* Return salutes to Captains of the Navy and Naval Officers of inferior rank	7	

(a) Whenever an ambassador, a governor of a presidency, or the president of the council in India, shall arrive at, or depart from, any place within the Indian territories where there are forts and batteries, and also whenever an ambassador, or governor of a presidency, or the president of the council of India, shall visit, embark on board, or disembark from, any one of Her Majesty's ships within the Indian waters, he shall be saluted by the fort or ship, as the case may be, with the number of guns specified in the scale.

(b) Governors of Her Majesty's colonies, lieutenant-governors of provinces in India, lieutenant-governors of Her Majesty's colonies, agents to the viceroy and governor-general, residents, chief commissioners of provinces, and the commissioner of Sind shall be entitled to be saluted with the number of guns specified for their rank in the scale, by the forts and batteries within their respective jurisdictions, and when on duty elsewhere in the territories under the authority of the Government of India, and when they shall visit, embark on board, or disembark from, any one of Her Majesty's ships within the jurisdiction of their respective governments.

(c) Members of council shall be entitled to be saluted with the numbers of guns specified in the scale by the forts and batteries within their respective jurisdictions, and when they shall visit, embark on board, or disembark from, any one of Her Majesty's ships within the same limits.

(d) Plenipotentiaries and envoys, and political agents and charges d'affaires, shall be entitled to be saluted with the number of guns specified in the scale, by the forts and batteries within the precincts of the territories, to which they are accredited, and when they shall visit, embark on board, or disembark from, any one of Her Majesty's ships within the said precincts.

(e) Officers of the navy and army shall be saluted in India, according to their respective ranks, with the number of guns specified, and under the regulations laid down relative to salutes to officers. Officers of Her Majesty's Indian military forces shall be saluted according to their rank, in the same way as officers of Her Majesty's army and navy.

(f) Her Majesty's officers are not to expect from foreign ships, of war in India any departure from the established custom under which no salute exceeds 21 guns.

Para. 56.—The fixed days for firing royal salutes as celebrations of anniversaries in Indian territories and waters (see Para. 55 footnote) are the anniversary of the birth, the accession, and the coronation of the reigning sovereign; the birthday of the consort of the reigning sovereign; and the 1st of January of each year, being the anniversary of the proclamation of Her Majesty's assumption of the title of Empress, inasmuch as it falls on a Sunday when it will be fired on the following day.

* Personal salutes are not returned.

As fixed from year to year by authority.

26th June.

28th June.

The following is the table of salutes allowable to the native Chiefs and nobles of India and certain Chiefs near Aden:—

I.—SALUTES ATTACHED TO CHIEFS AND NOBLES.

Salutes of 21 guns.

Baroda. The Maharaja of—(Gaekwar)
Hyderabad. The Nizam of—
Mysore. The Maharaja of—

Salutes of 19 guns.

Bhopal. The Begum (or Nawab) of—
Gwalior. The Maharaja (Scindia) of—
Indore. The Maharaja (Holkar) of—
Jammu and Kashmir. The Maharaja of—
Kalat. The Khan of—
Kolhapur. The Raja of—
Meywar (Udaipur). The Maharana of—
Travancore. The Maharaja of—

Salutes of 17 guns.

Bahawalpur. The Nawab of—
Bharatpur. The Maharaja of—
Bikaner. The Maharaja of—
Bundi. The Maharaja Raja of—
Cochin. The Raja of—
Jaipur. His Highness Sawai Sir Madho Singh Bahadur, G.C.S.I., Maharaja of—
Karauli. Maharaja of—
Kota. The Maharaja of—
Rajput. The Raja of—
Mirwar (Sindh). The Maharaja of—
Patna. The Maharaja of—
Rewari. The Maharaja of—
Tonk. The Nawab of—

Salutes of 15 guns.

Alwar. The Maharaja Raja of—
Banswari. The Maharaja of—
Datta. The Maharaja of—
Dewas. The Senior Raja of—
Dewas. The Junior Raja of—
Dhar. The Raja of—
Dholpur. The Maharaja Raja of—
Dungarpur. The Maharaja of—
Idar. The Maharaja of—
Jaisalmer. The Maharaja of—
Jhalawar. The Maharaja Raja of—
Rajpur. The Raja of—
Kishanganj. The Maharaja of—
Orems. The Maharaja of—
Pattabargh. The Maharaja of—
Sikar. The Maharaja of—
Sardar. The Raja of—

Salutes of 13 guns.

Benares. The Maharaja of—
Jaura. The Nawab of—
Kuch Behar. The Maharaja of—
Rampur. The Nawab of—
Tippur. The Raja of—

Salutes of 11 guns.

Ajaigarh. The Maharaja of—
Bam. The Nawab of—
Bhamagar. The Thakur Sahib of—
Bhawar. The Maharaja of—
Camlay. The Nawab of—
Chamba. The Raja of—
Charkari. The Maharaja of—
Chhatrapur. The Raja of—
Dhrangadra. The Raja of—
Faridkot. The Raja of—
Gondal. The Thakur of—
Jashua. The Raja of—
Jind. The Raja of—
Jungurh. The Nawab of—
Kabliar (Bilaspur). The Raja of—
Kaparthala. The Raja of—
Mandi. The Raja of—
Mervi. The Thakur Sahib of—
Nabha. The Raja of—
Narsingarh. The Raja of—
Nawanagar. The Raja of—
Palampur. The Diwan of—
Pana. The Maharaja of—
Porbandar. The Raja of—
Pudukota. The Raja of—
Radhanpur. The Nawab of—
Rajwadi. The Raja of—
Rajpura. The Raja of—
Rathum. The Raja of—
Sailana. The Raja of—
Samthar. The Raja of—
Sirmur (Nahan). The Raja of—
Sitawari. The Raja of—
Suket. The Raja of—
Tehri (Garhwal). The Raja of—

Salutes of 9 guns.

Almijpur. The Maharaja of—
Balsamer. The Nawab Bahi of—
Banda. The Maharaja of—
Baramda. The Raja of—
Baris. The Raja of—
Barwani. The Raja of—
Chitwa Udaipur. The Raja of—
Dharwad. The Maharaja of—
Dhol. The Thakur Sahib of—
Fadhli. The Sultan of—
Jajira. The Nawab of (Rajshahi)—
Karoni Kalsandi. The Raja of—
Khilchpur. The Raja of—
Lahel. The Sultan of—
Lunari. The Thakur Sahib of—
Lunawari. The Raja of—
Mabar. The Raja of—
Miser Kotla. The Nawab of—
Nagod. The Raja of—
Pahana. The Thakur Sahib of—
Rajpura. The Thakur Sahib of—
Sachin. The Nawab of—
Sawantwari. The Raja of—
Senth. The Raja of—
Wadhwa. The Thakur Sahib of—
Wadhwa. The Raja of—

* The present Chief enjoys the title of Maharaja as a personal distinction.
† The present Chief of Porbandar, Bana Vikmatji, is allowed a salute of 11 guns only outside Kathiawar in British India.
‡ The heir-apparent of Samthar, who is de facto ruler of the State, enjoys the personal title of Maharaja.

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II.—PERSONAL SALUTES.

Salutes of 21 guns.

Dalip Singh. His Highness Maharaja Sir, &c. &c. &c.
 Kalat. His Highness Beglar Begi Mir Muhammad Khodadad Khan, &c. &c. &c., Wali of—
 Marwar (Jodhpur). His Highness Sir Jaswant Singh Bahadur, &c. &c. &c., Maharaja of—

Salute of 19 guns.

Jaipur. His Highness Suraj Madho Singh Bahadur, Maharaja of—

Salutes of 17 guns.

Khairpur. His Highness Ali Murad Khan, Mir of—
 Orchha (Tehri). His Highness Mahindar Sawai Paritab Sing Bahadur, Maharaja of—

Salutes of 15 guns.

Arcoot. His Highness Prince Arin Jah Intizam-ul-Mulk of—
 Bhanuagar. His Highness Sir Takht Singhji Jaswant Singhji, &c. &c. &c., Thakur Sahib of—
 Dhruangdra. His Highness Sir Man Singhji Rammal Singhji, &c. &c. &c., Raj Sahib of—
 Nawanganar. His Highness Sir Vohaji Rammalji, &c. &c. &c., Raja of—

Salutes of 13 guns.

Nabha. His Highness Sir Hira Singh Bahadur, &c. &c. &c., Raja of—
 Panma. His Highness Sir Rudra Pactab Singh Mahindar Bahadur, &c. &c. &c., Maharaja of—
 Ratlam. His Highness Sir Ranjit Singh, &c. &c. &c., Raja of—
 Simmur (Nahna). His Highness Sir Shamsher Paritab Bahadur, &c. &c. &c., Raja of—

Salutes of 12 guns.

Shahar and Makaila. His Highness Awadh bin Omar Alkayati, Jemadar of—

Salutes of 11 guns.

Malat Kotla. His Highness Muhammad Ibrahim Ali Khan, Nawab of—

Salutes of 9 guns.

Kishim and Socotra. Ali bin Abdulla, Sultan of—
 Gwalior. Ras Raja Sir Ganpat Row Kudkhi Shamsheer Bahadur, &c. &c. &c., President in
 Council of Regency, during the tenure of his office of President of the Council of
 Regency at Gwalior.

III.—LOCAL SALUTES.

Salutes of 21 guns.

Bhopal. The Begum (or Nawab) of—
 Gwalior. The Maharaja (Scindia) of—
 Indore. The Maharaja (Holkar) of—
 Jannu and Kashmir. The Maharaja of—
 Jind. His Highness Ragbir Singh Bahadur, &c. &c. &c., Raja of—

Within the limits of their own territories permanently.

FINANCIAL DEPARTMENT.

The Honorable Sir David Miller Barbour, B.A., B.C.S., K.C.S.I., Ordinary Member of the
 Council of the Governor-General of India, in charge of the Financial Department. Took
 his seat 22nd Nov. 1888—Pay Rupees 6,400.

E. J. Sinkinson, L.L.D., C.S., Secretary to the Government of India in the Department
 of Finance and Commerce—Pay Rs. 4,000.

J. F. Finlay, M.A., C.S., Deputy Secretary to the Government of India in the Depart-
 ment of Finance and Commerce—Pay Rs. 2,250.

E. Lawrence, B.A., C.S., Under-Secretary to the Government of India in the Depart-
 ment of Finance and Commerce—Pay Rs. 1,500.

J. E. O'Connor, M.B.S., M.L.S.I., Asst. Secy. to the Government of India in the Depart-
 ment of Finance and Commerce—Pay Rs. 1,500.

No.	Name.	Monthly Salary.	Designation.
1. CONTROLLER AND AUDITOR GENERAL.			
		Rs.	
1	E. Gray, M.A.	5,500	Comptroller and Auditor General

No.	Name.	Monthly Salary.	Designation.
2. ACCOUNTANTS GENERAL.—Pay Rs. 2,750.			
		Rs.	
1	E. F. T. Higgins, C.I.E., B.A., F.R.C.S., B.C.S.	2,750	Acct. Genl., Bengal, with a Local Allowance of Rs. 250.
	Officiating.		
		Rs.	
	T. W. Rawlins, B.C.S.	2,750	Accountant General, Madras.
2. ACCOUNTANTS GENERAL.—Pay Rs. 2,500.			
1	T. W. Rawlins, B.C.S.	2,500	Accountant General, Madras.—Offg. Acct. Genl., 1st Class.
2	—	2,500	—
	Officiating.		
		Rs.	
1	A. F. Cox, M.C.S.	2,500	Offg. Accountant General, Bombay—Local allowance, Rs. 250.
1. ACCOUNTANT GENERAL.—Pay Rs. 2,250.			
1	S. Jacot, B.C.S.	2,250	Offg. Accountant General, Bombay—On furlough to Europe.
	Officiating.		
1	R. Jones, B.C.S.	2,250-54	Offg. Accountant General, Punjab.
2	O. T. Barrow, B.C.S.	2,083-54	Offg. Acct. Genl., N. W. P. and Oudh.
ENROLLED OFFICERS			
Class I.—Four appointments. Pay Rs. 1,750 rising by 5 annual increments of Rs. 50 to Rs. 2,000 per mensem.			
1	E. W. Kellner	2,000	Deputy Comptroller General.
2	E. Rids	2,000	Comptroller, India Treasuries—On privilege leave.
3	C. R. C. Kierpander	2,000	Deputy Auditor General.
4	F. R. Bismuth, B.A., F.R.S.	2,000	Deputy Auditor General.
Class II.—Five appointments. Pay Rs. 1,500 rising by 5 annual increments of Rs. 50 to Rs. 1,500 per mensem.			
1	J. E. Cooke	1,500	Comptroller, India Treasuries.
2	J. E. O'Connor, M.B.S., M.L.S.I.	1,500	Asst. Secy. to the Govt. of India in the Dept. of Finance and Commerce.
3	R. Logan, B.C.S.	1,400	Offg. Accountant General, Punjab.
4	O. T. Barrow, B.C.S.	1,350	Offg. Accountant Genl., N. W. P. and Oudh.
5	R. E. Hamilton	1,250	Comptroller, Cent. Provinces.—On furlough to Europe.
	Officiating.		
		Rs.	
	T. H. Ayres	1,350	Comptroller, Burma, Subordinate to Class II.
	Rajawathi Ray, B.A.	1,300	Deputy Accountant General, Madras.
	J. C. F. Brinsford, C.S.	1,200	Deputy Accountant General, Bombay.
	H. S. Ganga, B.A.	1,350	Asst. Accountant General, Bombay.

No.	Name.	Monthly Salary	Designation.
<i>Class III.—(Six appointments). Pay Rs. 1,000 rising by 5% annual increments of Rs. 50 to Rs. 1,250 per mensem.</i>			
1	E. A. Sterndale	1,250	Asst. Acct. General, Madras.
2	H. G. H. Cowie, B.A.	1,250	Dy. Acct. General, Bengal.
3	T. H. Biggs	1,250	Comptroller, Burma.—Sub pro tem in Class II.
4	J. H. S. Siddiqui	1,200	Comptroller, Hyderabad.
5	G. H. R. Hart	1,000	Dy. Acct. Genl., Punjab.
6	J. C. C. Branson, C.S.	1,000	Dy. Acct. Genl., Bombay.—Offg. in Class II.

Officiating.

C. J. Rivett-Carnac	1,100	Offg. Comptroller, Central Provinces.
S. H. Anthony	900	Offg. Comptroller, Hyderabad.
F. C. Harrison, C.S.	1,000	Asst. Acct. Genl., Madras.—Offg. in Class III.

Class IV.—(Eight appointments). Pay Rs. 800 rising by 5% annual increments of Rs. 40 to Rs. 1,000 per mensem.

1	J. Taylor	1,000	Asst. Comptroller Genl., Central Accounts.
2	E. M. Palmer	1,000	On deputation under the Egyptian Govt.
3	C. J. Rivett-Carnac	1,000	Offg. Comptroller, C. Provinces.
4	W. H. Dobbin	1,000	Offg. Comptroller, Assam.
5	Rajendranath Ray, B.A.	1,000	Dy. Acct. Genl., Madras.—Offg. in Class II.
6	H. S. Groves, B.A.	1,000	Asst. Acct. Genl., Bombay.—Offg. in Class II.
7	C. H. Crawley	850	Asst. Acct. Genl., Bengal.—Local allowance, Rs. 150.
8	F. J. Alkino	1,000	Assistant Comptroller, Burma.
9	F. G. Harrison, C.S.	800	Assistant Accountant General, Madras.—Offg. in Class III.

Officiating.

H. G. H. Kene	900	Asst. Comptroller General, India Treasuries.
H. J. Brereton	1,000	Dy. Acct. Genl., N. W. P. and Oudh.
R. C. Chatterjee	900	Asst. Acct. Genl. and Insp. of Local Funds Accounts.
A. P. Penfold, B.A., C.S.	700	Offg. Asst. Comptroller.

Class V.—(Six appointments). Pay Rs. 600 rising by 5% annual increments of Rs. 40 to Rs. 800 per mensem.

1	H. G. H. Kene	780	Asst. Comptroller General, India Treasuries, Offg. in Class IV.
2	H. J. Brereton	800	Dy. Acct. General, N. W. P. and Oudh, Offg. in Class IV.
3	Lehal Chandra Bapu, B.A.	800	Asst. Comptroller General.
4	R. C. Chatterjee	750	Asst. Accountant General, and Inspector of Local Funds Accounts, Rs. 200 Madras.—Offg. in Class IV.
5	F. J. Alkino	800	Asst. Comptroller, Burma.—Offg. in Class III.
6	F. G. Harrison	800	Asst. Comptroller, Hyderabad.—Offg. in Class III.

Officiating.

C. G. Fensholt	750	Asst. Acct. Genl., Bengal.
G. D. Padanjer, B.A.	750	Asst. Acct. Genl., Bombay.
D. D. F. Corley	650	Asst. Acct. Genl., Bombay.
M. Bhattacharyya, B.A.	620	Asst. Comptroller, Burma.
L. E. Pritchard	450	Attached to the Govt. of India.

Class VI.—(Four appointments). Pay Rs. 400 rising by 5% annual increments of Rs. 40 to Rs. 600 per mensem.

1	C. G. Vansittart	500	Asst. Acct. Genl., Bengal, Offg. in Class V.
2	G. D. Padanjer, B.A.	500	Asst. Acct. Genl., Bombay, Offg. in Class V.
3	W. D. F. Corley	500	Asst. Acct. Genl., Bombay, Offg. in Class V.
4	M. Bhattacharyya, B.A.	400	Asst. Comptroller, Burma.—Offg. in Class V.

No.	Name.	Monthly Salary.	Designation.
<i>Officiating.</i>			
	K. B. Wagle	388	Office of Acct. Genl., Bombay.
	A. S. Mills	380	Do. N. W. P. and Oudh.
	Mahammad Akbar Nazar Ali Hydari, B.A.	330	Do. Punjab.

Class VII.—(Eight Probationers). Pay Rs. 200 a month on first appointment; Rs. 250 on passing the Lower Departmental Examination; Rs. 300 on passing the Higher

Departmental Examination.

1	L. E. Pritchard	300	Attached to Govt. of India, Offg. in Class V.
2	J. A. Robertson	300	Office of Accountant General, Punjab.—On sick leave.
3	K. B. Wagle	300	Office of Accountant General, Bombay, Offg. in Class V.
4	A. S. Mills	300	Office of Acct. Genl., N. W. P. and Oudh, Offg. in Class V.
5	Mahammad Akbar Nazar Ali Hydari, B.A.	250	Office of Acct. Genl., Punjab, Offg. in Class V.
6	} Vacant.		
7			
8			

CHIEF SUPERINTENDENTS OF THE FINANCIAL DEPARTMENT.

Class I.—(One appointment). Pay Rs. 800—40—800.

1	J. W. H. Sandell	780	Office of Acct. Genl., Bombay.
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Class II.—(Two appointments). Pay Rs. 500—40—700.

1	Rai Harish Chandra Mittra Bahadur	700	Office of Accountant General, Bengal.
2	R. T. Howe	620	Office of Comptroller and Auditor General (Central Accounts).

Class III.—(Two appointments). Pay Rs. 500—600.

1	W. Bedford	600	Office of Acct. Genl., Bombay.
2	P. B. Clague	600	Office of Comptroller, Burma.—Local allowance Rs. 100.

Officiating.

F. G. Brereton	500	Office of Accountant General, Bombay.
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Class IV.—(Four appointments). Pay Rs. 400—40—600.

1	C. B. Collings	600	Office of Acct. Genl., Bengal (Local Funds).—Conveyance allowance, Rs. 25.
2	G. Hall	600	Office of Acct. General, Madras.
3	Uamacharan Chakravarti	550	Do. Provinces.
4	G. B. Bleasby	440	Do. Punjab.

Class V.—(Three appointments). Pay Rs. 400—20—500.

1	E. Grant	480	Office of Comptroller and Auditor Genl.—On furlough.
2	T. C. Eagles	480	Office of Comptroller, Assam.
3	Shamacharan Chakravarti	500	Office of Acct. Genl., N. W. P. and Oudh.
4	Ramaprasanna Gosh, B.A.	400	Office of Comptroller Genl.—Conveyance allowance Rs. 25.

* In the case of Officers appointed to the Department not later than the 27th October 1875, the yearly increment in this class will be Rs. 50.

† Draws also a personal allowance of Rs. 100.

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	Do.	Haji Muhammad Abdullah		
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Colonel C. J. Smith, R.E. Joint Secy. to Govt., Railway Branch.
" H. A. Jopp, R.E. Ex-officio Under Secy. to Govt., Railway Branch.
Mr. T. A. Doyle Assistant.

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W. H. M. Hare, Esq.	Offg. do. do. Signal Office.
J. H. Webster, Esq.	Hon'y. Asst. do. do. Sub-Division.

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High Court Buildings, North Beach—11 A.M. to 5 P.M.

The Hon'ble Sir Arthur John Hammond Collins, Kt., Q.C., Chief Justice.

The Hon'ble T. Muttuswami Aiyar, B.L., C.I.E.

G. A. Parker, C.S.

P. H. Wilkinson, C.S.

H. H. Shephard

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E. B. Powell, Esq. Govt. Pleader.

W. Grant, Esq. Crown Prosecutor.

John Kernau, Esq. Clerk of the Crown.

K. Brown, Esq. Law Reporter.

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Mr. J. J. Palmer..... Manager.

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Office—High Court Buildings.

H. G. Wedderburn, Esq. Official Trustee.

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Office—High Court Buildings.

P. Rowlandson, Esq. Official Assignee.

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Office—High Court Buildings.

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Office—South Beach—11 A.M. to 5 P.M.

Colonel T. K. Guthrie..... Inspector-General.

O. R. Jones, Esq. Asst. do. —(on leave on medl. certificate).

J. Meredith, Esq. Ag. do.

A. Krishnaswami Aiyar, B.A. Manager.

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Office—Ootacamund.

Colonel C. A. Porteous..... Inspector-General.

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M.R. Ry. S. Srinivasa Raghava Iyengar Avargal, B.A.,

Dewan Bahadur..... Inspector-General.

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M.R. Ry. S. Hari Rao Avargal, B.A. Registrar.

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P. Venkataswami..... Do. Chingleput and Nellore Districts,

Do. Bellary, Cuddapah and Anantapur

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M. Rangasuni Aiyangar..... Acting.

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Head-Quarters, Ootacamund—Bangalore,

Madras and Southern Districts.

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Lt.-Col. E. Swinton Skinner, M.S.C. Offg. Dy. Judge Adv. Genl., 8th Circle, Secun-

derabad—Secunderabad and Belgaum Dis-

tricts, and Hyd. Cent.—Eur. (P. A.) 1 year.

Lt.-Col. R. A. Prideaux, Bombay Genl. List Offg. Dy. Adv. Genl., 8th Circle.

Lt.-Col. Allan Chaplin, Madras Genl. List Asst. Judge Adv. Genl., 9th Circle, Rangson—

Burmah.

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166, Mount Road.

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G. W. Taylor, Esq. Superintendent.

F. Pritchard, Esq. Deputy do.

L. Venkataranguni Naidoo Asst. do. (Account Branch).

Mr. J. Martin Asst. do.

GOVT. BRANCH.—BOMBAY CASTLE.

Rev. W. Scott, B.A. Honorary Secretary.

Mr. E. H. Farrington..... Manager.

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GOVERNED BY MADRAS ACT II. OF 1886.

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" C. Ramanujiah	Cashier—(on leave).
" Venkatchellam Chetty	Ag. Cashier.
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Alfred Lee Pogson, Esq.	Engineer to the Board.
R. W. Thompson, Esq.	Assistant Engineer.
Mr. Beteler	Head Foreman.
" Gunther	Foreman Mechanic.
" Underdown	Foreman Driver.
" Lowe	S. P. Foreman.

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Miss E. Isis Pogson, F.R. MET. SOC.	Meteorological Reporter.
J. Vythinath Iyer	1st Assistant.

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College Road, Nungambakum.

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Mrs. E. L. S. Pogson	Asst. do.
P. Raguva Chari	1st Observatory Asst.

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C. W. Martin, Esq.	Ag. Dy. Super. and in charge of Central Office.
C. Venkataranyan	Civil Assistant.
M. Ramaswamy Naidu	Sub-Assistant.
G. Pacha Pillai	Civil Assistant.

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Office—Fort—10 A.M. to 5 P.M.

Lieut.-Colonel C. F. Thomas	Controller.
Colonel H. G. Saunders	Examr., Commissariat and Army Remount Accounts.
Capt. H. F. Codell	Pay Examiner.
Capt. Melvill	Examiner of Ordnance and Army Clothing Accounts.
Capt. H. E. Passy	In charge Accounts Branch, Controller Military Accounts Office.
J. T. Greston, Esq.	Pay Examiner, Pay Examiner's Office.
E. J. Firth, Esq.	do. Commissariat Examr.'s Office.
H. Gray Norris, Esq.	do. Pay Examiner's Office.
T. J. Evans, Esq.	do. Controller Military Accounts Office.
Condr. T. Baker	do. Ordnance and Clothing Examr.'s Office.
Rajaratnam Moodebar	do. Accounts Branch, Controller Military Accounts Office.

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J. A. Jones, Esq., M.L.C.	Vice-President, P. W. Department.
Rai Bahadur P. Ramaswamy Chettiar Avel	Vice-President, Revenue Department.
Rai Bahadur Dr. M. Iyaswamy Pillay Avel	Health Officer.
Mr. W. Stephenson	Assistant Engineer, P. W. Department, South Range.
" W. Ewing	Supervisor, P. W. Department, North Range.
" Samuel Leung	Asst. Mechanical Engineer.
" Romasjee Nowrojee	Asst. Engineer, Drainage Works.
" J. D. B. Dighton	do. do. Mylapore.
" D. Jesudasan Pillay	Ag. Sanitary Inspector, North Range.
" M. Abdul Wahab Khan	Sanitary Inspector, South Range.

OFFICE OF THE DEPUTY INSPECTOR OF VACCINATION, MADRAS.

Chindrapett, Central Vaccine Depot—10 A.M. to 2 P.M.

Mr. D. Jesudasan Pillay	Deputy Inspector of Vaccination, Madras (on other duty).
" Ramanujulu Naidu	Assistant Deputy Inspector, 1st and 3rd Divisions.
" T. Mahomed Ghous Sahib	do. 4th, 5th and 6th Divisions.
" P. Narayanaswamy Nayudu	do. 2nd and 7th Divisions.
" C. Ragoonathasing	do. 7th and 8th Divisions.

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Ordnance Office—Fort—10 A.M. to 5 P.M.

Major-Genl. H. McLeod, R.A.	Inspector-General of Ordnance.
Colonel C. W. Brereton, R.A.	Asst. do.
Conductor J. H. Shearburn	Chief Clerk.

ARSENAL.

Office—Fort—10 A.M. to 5 P.M.

Captain T. T. Vaughan, R.A.	Ordnance Officer, in charge.
Lieut. H. B. Stanford, R.A.	Ordnance Officer.
" C. T. Bell, R.A.	do.
Hon. Captain G. Dempster	Deputy Commissary.
" Lieut. C. Johnson	do. Asst. Commissary.
Sub-Conductor E. Bonner	Head Clerk.

GUN CARRIAGE FACTORY.

Vapery, Naval Hospital Road—7 A.M. to 5 P.M.

Major A. F. Fletcher, R.A.	Superintendent—(on furlough).
Hon. Captain W. Blazey	Overseer.

GUN POWDER FACTORY.

Veysurpady—3 A.M. to 4 P.M.

Hon. Captain Dy. Comy. J. Spence	Head Overseer, in charge.
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ARSENAL DIVISION XX.

CAMP AND FIELD EQUIPMENT.

Office—Next to St. Mary's Burial Ground.

Sub-Condr. J. Delany	Assistant Overseer.
A. S. Booth	Store Sergeant.

PAYMASTER OF CARNATIC STIPENDS.

Office—Chapauk—10 A.M. to 3 P.M.

Colonel T. O. Underwood	Paymaster, Carnatic Stipends.
Muhammad Ishakh Khan Bahadur	Asst. do.

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Philip Sheridan, Esq. Deputy do.

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Beach—10½ A.M. to 5 P.M.

H. Farrer, Esq. Postmaster-General.
M.R. Ky. P. Anantha Charlu Avargal, B.A. Superintendent of Post Offices attached to the Postmaster General's Office.
G. R. Peter, Esq. Personal Asst. to Postmaster-General.
C. Allsop, Esq. Do. do.
H. M. D'Rozario, Esq. Manager, Dead Letter Office.

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Beach—10 A.M. to 5 P.M.

S. Sullen, Esq. Presidency Postmaster.
Mr. G. Prime. Deputy do.

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Colonel G. Macdonald Smith. Chief Presy. Magistrate, Egmore Court.
W. M. Scharlieb, Esq. Second do. Town Court.
C. G. Kuppusami Iyer. Junior Magistrate, Egmore Court.
Sultan Mohidin Sahib, Esq. Do. Town Court.

PRESIDENCY PORT OFFICE.

Office—Sea Custom House, Beach—10 A.M. to 5 P.M.

Captain H. A. Street, H. M.'s L.M. Presidency Port Officer and Registrar of Shipping.
H. D. Baddeley, Esq. Agent for Govt. Consignments, and Govt. Surveyor, and Personal Assistant to the Presidency Port Officer.
Mr. W. B. Fernandez. Manager.

OFFICE OF THE DEPUTY CONSERVATOR OF THE PORT.

Office—Sea Custom House, Beach—10 A.M. to 5 P.M.

Captain H. B. Simpson, H. M.'s L.M. Deputy Conservator and Deputy Shipping Master.

HARBOUR MASTER'S DEPARTMENT.

Mr. N. Corfield. Senior Harbour Master.
H. C. Taylor. Harbour Master.
G. A. Evans. Do.

PRINCIPAL MEDICAL STOREKEEPER.

Late Mins.—10 A.M. to 5 P.M.

Brigade-Surgeon C. E. McVittie, F.R.C.S. Principal Medical Storekeeper.
2nd Grade Senior Apothecary T. K. Hall. Manager.

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Office—Government House.

J. D. Reis, Esq., F.R.S.E., M.R.A.S., C.S. Private Secretary.
J. R. Coombes, Esq., B.A. Manager.

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North Black Town—8 A.M. to 5 P.M.

Lieut.-Col. S. C. Clarke, R.E. Genl. Superintendent, P. W. Workshops and Stores, and Port Storekeeper.
K. Soundararaman Pantulu. Chief Storekeeper.
Mr. S. Francis Hooy, Asst. Engineer. Foreman, P. W. Workshops.
T. J. Rozario. Foreman, Math. Instl. Department.
P. Colindasawmy Pillai. Head Clerk, P. W. Workshops.

QUARTER MASTER GENERAL'S OFFICE.

Octacanning—10½ A.M. to 5 P.M.

Brig.-General M. Protheroe, C.B., C.S.I. Quarter-Master General.
Col. A. G. Huzamis. Deputy do.
Mr. H. G. Lissenburg. Manager.
W. T. Lissenburg. Dy. do.

QUARTER MASTER GENERAL'S DEPARTMENT.

Col. F. Smalley. District Staff Officer, 1st Class, Madras District.
Mr. John Stirling. Manager.

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C. R. Plunkett, Esq. Deputy Collector, Madras Town, and Collector of Income Tax.
D. Venkayathiah. Tahsildar in charge of the Quit Rent Dept.
A. Govinda Row. Manager in charge of the Income Tax Dept.

SANITARY COMMISSIONER'S OFFICE.

Egmore, Pantheon Road—11 A.M. to 5 P.M.

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Surgeon D. F. Dymott, M.B. Inspector of Vaccination and Depy. Sanitary Commr.—(on furlough).
Surgeon-Major C. J. McNally, M.D., F.R.C.S. Acting
Mr. G. Digne. Manager and Assistant.

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Office—North Beach—10 A.M. to 4 P.M.

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T. A. Paczensky, Esq. Depy. Collector.

STAFF OFFICER AND SUPERINTENDENT OF DETAILS.

Office—Fort—10½ A.M. to 5 P.M.

Colonel H. R. Shelley. Staff Officer and Supt. of Details—(on other duty).
T. O. Underwood. Offg. do.
C. B. Soobraya Pillay. Head Clerk.

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M. R. R. Srinivasancharter Avergal	Asst. Supt. of Stamps and Stationery.
P. Rajarathna Madaliyar Avergal	Manager, Stationery Office.

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J. Brunton	Do. do
A. E. Wade	Chief Warder—Offg. (Sub pro tem).
A. Bain	Do. do
W. Hamilton	Warder.
W. Locke	Do.
R. Lionel	Do.
W. Ranganathan Chetty	Head Clerk (Sub pro tem).
W. Venkatakrishna Chetty	Keeper, Civil Debtors' Jail, (Sub pro tem).

SUPERINTENDENT OF FAMILY PAYMENTS AND PENSIONS.

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Mr. M. Venkataprasadh Towary	Head Assistant.

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W. B. deWinton, Esq.	Executive Engineer, Presidency.
S. W. H. Ottmann, Esq.	Assistant Engineer, Cheroth.
Lieut. A. Milne	Do. do
Captain W. D. Lindley, R.E.	Executive Engineer, Bangalore.

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C. M. Thompson, Esq., M.B.	Secy. to the Surgeon-General with the Govt. of Madras—Ag. Surgeon, 4th District, Madras.
Surgeon H. G. Reeves	Acting Secretary.
Mr. Ghulam Mahfud Sahab	Manager.

SURGEON GENERAL, HER MAJESTY'S FORCES IN MADRAS.

Office—Fort St. George, Madras—10½ A.M. to 5 P.M.

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W. E. Johnson, Esq., M.P.	Secretary and Statistical Officer.—(Tar. M.C.)
G. F. Bayan, Esq.	Acting do.
Mr. Dan. M. deSilva	Manager.

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C. D. Maclean, Esq., Mrs. Doc.	Tamil.
E. S. Leflan, Esq.	Canarese, (on dep.)
S. Mangala Rao, M.A.	Ag. do.
J. W. F. Dumargue, C.S.	Malayalam.

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Private Secretary.....	Administrator General.....
Military Secretary.....	First Judge, Small Cause Court.....
Member of Council (2).....	Other Judges, do.....
	Registrar, do.....
	Head Clerk, do.....
Secretariat.	Chief Presidency Magistrate.....
I.	Second Presidency Magistrate.....
Chief Secretary.....	Third and Fourth Magistrates.....
Under Secretary.....	Senior District and Sessions Judge.....
Assistant Secretary, Judicial and Legislative Depts.....	Junior do.....
First Assistant.....	Sub-Judges, 1st Grade.....
Second Assistant.....	Do. 2nd do.....
Asst. Local and Municipal Department.....	Do. 3rd do.....
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Monthly. Rs.	Monthly. Rs.
Revenue—continued.	
Collectors of Ganjam and Vizagapatam (1).....	2,500
Collector of Tanjore (1).....	2,500
Collectors of other Districts (1).....	2,333-5-4
Collector of Nilgiris (1).....	2,000
Second Grade Collectors (1).....	1,800
Sub-Collectors (2).....	1,166-10-8
Principal Asst. Collectors (2).....	788-5-4
Head Asst. Collectors (2).....	500
Senior Assistants (2).....	785
Special Assistants (2).....	200
Passed Assistants (3).....	250
Unpassed Assistants (3).....	200
Probationers (Natives) C. S. (3).....	250
Do. on passing 1st Standard.....	
Do. on confirmation 64 per cent. of the pay of Covenanted Clerks (3).....	
Deputy Collectors, 1st Class (4).....	700
Do. 2nd do (5).....	600
Do. 3rd do.....	500
Do. 4th do.....	400
Do. 5th do.....	300
Do. 6th do.....	250
Tahsildars, 1st Grade.....	250
Do. 2nd do.....	225
Do. 3rd do.....	200
Do. 4th do.....	175
Do. 5th do.....	150
Collector's Sheristadar.....	250, 225, 200
Head Clerk, Collr.'s Office.....	150
Head Cash Keeper.....	125
Head Accountant, Collr.'s Office.....	85
Vernacular Head Accountant, Collector's Office.....	45
Dy. Tahsildar and Sub-Magistrate.....	70, 100
Tahsil Sheristadar.....	60
Post Office.	
Director G.O. of the P. Office of India.....	3,000
Dy. do do.....	1,750 to 2,000
Asst. do do (for Railway Mail Service).....	1,000 to 1,400
Do. do (Post Office).....	700
Do. do (Foreign P. Office).....	700
Comptroller, Post Office.....	800 to 1,200
Dy. do.....	700
Asst. do.....	500 to 600
Postmaster-General.....	1,500 to 1,750
Presidency Postmaster.....	600 to 800
Post Office—continued.	
Examiners of Accounts, 2nd Grade.....	300 to 400
Examiners of Accounts, 3rd Grade.....	250
Do. 4th do.....	200
Supts. of Post Offices, 1st Grade.....	400 to 500
Supts. of Post Offices, 2nd Grade.....	300 to 400
Do. 3rd do.....	250
Do. 4th do.....	200
Personal Assistant.....	200
Supt. of Railway Mail Service (6).....	300 to 400
Do. do (7).....	200
Telegraph.	
Class I Director General.....	3,000
Do. II Dy. do do.....	2,000
III Directors.....	1,000
IV Supt., 1st Grade.....	1,125 to 1,500
IV do 2nd do.....	1,000
IV do 3rd do.....	850
V Asst. Supt., 1st Grade.....	700
V do 2nd do.....	550
VI do 1st do.....	400
VI do 2nd do.....	300
Asst. Superintendent, 1st Grade (7).....	700
Do 2nd do (8).....	550
Do 1st do (9).....	400
Do 2nd do (10).....	300
Forests.	
Conservator, 1st Grade.....	1,250 to 1,500
Junior Conservator, 2nd Grade.....	1,000 to 1,250
Dy. Conservator, 1st Grade.....	900
Do. 2nd do.....	800
Do. 3rd do.....	650
Do. 4th do.....	500
Assistant Conservators.....	250, 300, 400
Sub-Assst. do.....	175
Revenue Settlement.	
Secretary to Commr. of Revenue Settlement and Director of the Dept. of Land Records and of Agriculture.....	1,000
Registrar to do.....	400

- (1) With a fixed Tentage of Rs. 50.
- (2) With a fixed Tentage of Rs. 55.
- (3) With a fixed Tentage of Rs. 11-1-9.
- (4) Deputy Collectors on General duties draw a Tentage allowance of Rs. 11-1-9 a month.
- (5) The Deputy Collector in charge of Wynad or whatever grade draws an extra allowance of Rs. 150 a month. Deputy Collector at Calicut draws also an extra allowance of Rs. 100 for being in charge of the Paper Currency Dept.
- (6) Deputy Collector at Madras Town draws also a special allowance of Rs. 150 for the work connected with the Income Tax.
- (7) With House Rent of Rs. 50.
- (8) With Personal allowance of Rs. 100 after 22 years' approved service.
- (9) With Personal allowance of Rs. 100 after 17 years' approved service.
- (10) With Personal allowance of Rs. 100 after 12 years' approved service.
- (11) With Personal allowance of Rs. 50 after 7 years' approved service.

* Superintendents in charge of Divisions are termed Chief Superintendents.

Monthly. Rs.	Monthly. Rs.
Revenue Settlement—continued.	
Uncovenanted Deputy Commrs. of Rev. Sett., 1st Grade.....	1,100
Do. 2nd do.....	750
Do. Assistant Commrs. of Rev. Sett. (1).....	425
Revenue Survey.	
Superintendent.....	1,500
Dy. Superintendent, 1st Class.....	1,100
Do. 2nd do.....	750
Asst. Supt. 1st do.....	550
Do. 2nd do.....	425
Probationary Asst. Supts.....	200
Superintendents do.....	100
Civil Assistant.....	350
Salt and Abkari Revenue.	
Commissioner of Salt, Abkari and Separate Revenue.....	3,000
Secretary to do.....	1,500 to 1,800
Dy. Commissioners.....	1,200 to 1,400
Assistant Commr., 1st Grade (3).....	800
Do. 2nd do (2).....	700
Do. 3rd do (2).....	600
Do. 4th do (2).....	500
Inspector, Salt, 1st Grade.....	400
Do. 2nd do.....	350
Do. 3rd do.....	300
Do. 4th do.....	250
Do. Probationer.....	200
Assistant Inspectors, 1st Grade.....	175
Do. 2nd do.....	150
Customs.	
Collector Sea Customs.....	2,333-5-4
Dy. Collector do.....	500
Registration.	
Inspector General.....	1,250
Registrar, Madras.....	500
(1st and 2nd).....	500, 300
3rd and 4th.....	250, 200
5th and 6th.....	175, 150
(7th).....	100
Jails.	
Inspector General.....	1,333-5-4
Superintendents of (1st Class (3) 700 to 950	
Central Jails, 2nd Class 550 to 700	
Superintendents of Dist. Jails 350 to 450	
District Jails, 1st Class 500 prisoners 150	
Do. 2nd do 300 do 100	
Do. 3rd do 150 do 75	
Do. 4th Cl., less than 150 prs. 50	
Supt. of Prisons, Madras (4).....	600
Police.	
Inspector General.....	2,500
Deputy Inspectors General.....	1,200
Assistant do (a).....	900
Manager.....	250
Storekeeper.....	75
Commissioner of Police.....	1,500
Deputy Commissioner.....	750
Assistant Commissioner.....	350
Superintendents. (5)	
1st Grade, Superintendent.....	1,000
2nd do do.....	800
3rd do do.....	700
4th do do.....	600
1st do Asst. Superintendents (6).....	500
2nd do do.....	400
3rd do do.....	350
Chief and Special Inspectors (7).....	500
Inspector of Police, 1st Class (7).....	200
Do. 2nd do (7).....	150
Do. 3rd do (7).....	100
Do. 4th do (7).....	75
Marine.	
Presidency Port Officer.....	*1,370
Dy. Conservator of the Port of Madras (Madras Port Board).....	*720
Agent for Govt. Consignments and Personal Assistant to the Presy. Port Officer.....	500

- (1) Pay Rs. 425 rising to Rs. 550 after 2 years' approved service.
- (2) With House Rent according to the Divisions in which they are placed in.
- (3) If Medical Officers. If not Medical Officers, 1st Class 200 to 300, 2nd Class 150 to 200 and Rs. 100 to Surgeons in Medical charge.
- (4) With house rent and conveyance allowance of Rs. 125 and Rs. 50 respectively.
- (5) Military Officers employed in the Police Department draw Personal allowances up to the limit of Rs. 1,200 in the case of Colonels and Lieut. Colonels and Rs. 900 in the case of Majors.
- (6) The Supt. and Asst. Supt. in Jeypore and the Asst. Supt. Hill Tracts, Ganjam, draw also local allowance of Rs. 100 per mensem, whether Acting or Permanent.
- (7) Chief Inspector of Police at Wellington draws also house rent and horse allowance at Rs. 25 respectively. Special Inspectors of Police draw also horse allowance of Rs. 15. Inspectors of Police draw also horse allowance besides their pay.

* Includes grade pay and staff allowance.

(a) Draws also Presidency allowance of Rs. 100.

Monthly. rs.	Monthly. rs.
Port Officers.	Education—continued
Calicut, Cocanada and Cochin (1) ... 350	Supt. Govt. Female Teachers' School (4) ... 350
Gopalpur, Negapatam, Vizagapatam, Pamben, Masulipatam and Bimlipatam ... 300	Supt. School of Industrial Arts (5) ... 500
Mangalore ... 370	Artistic Instructor ... 400
Tuticorin (2) ... 200	Head Masters, Provincial Colleges ... 500
	Do. High Schools ... 90, 200, 300
	Deputy Inspectors of Schools (6) 75, 100, 125, 150, 175, 200, 250, 300
Education.	Deputy Inspectresses of Girls' Schools (6) 100, 150, 175
Director of Public Instruction ... 2,000 to 2,250	
Asst. to Do. ... 375-400	Ecclesiastical.
Inspector of Schools (1st Cl. 1,250 to 1,500 and Principals and 2nd „ 1,000 to 1,250 Professors of Col. 3rd „ 750 to 1,000 4th „ 500 to 750	Lord Bishop ... 2,135-5-4
Senior Professor of Law ... 500	Archdeacon ... 200-10-8
Junior Professor of Law ... 400	Registrar of the Diocese ... 213-5-4
Inspectress of Girls' Schools ... 400 to 500	Senior Chaplain (7) ... 800
First Senior Asst. Professor, Presy. College ... 300 to 400	Junior Chaplain ... 500
Second do do ... 200 to 300	Ministers paid by Government ... 100
Third do do ... 200 to 300	Marriage Registrar ... 50
First Lecturer, Rajahmundry College ... 400 to 500	Railway Chaplains ... 150 and 100
Second do do ... 300 to 400	Allowances as follows are granted to Ministers nominated by the Senior Chaplains of the Church of Scotland or by the General Supt. of the Wesleyan Church for service in any Station:—
Fourth do do ... 200 to 300	Whenever 100 Presbyterian or
Second Lecturer, Kumbakonam College ... 400 to 500	Whenever 100 Wes. Soldiers are quartered at any Station ... 100
Third do do ... 300 to 400	Whenever the number exceeds 200, 150
Fourth do do ... 200 to 300	Do. is less than 100 R. 1 a month for each Soldier.
Fifth do do ... 200 to 300	
Principal of the Agricultural College, Saidapet ... 800 to 1,000	Medical.
Vice Principal of the Agricultural College, Saidapet ... 500 to 750	Surgeon General ... 2,500
Principal, O. E. College (3) ... 600	Secretary to Surgeon General (8) ... 500
1st Assistant Master do ... 400 to 500	Surgeon to Governor (9) ... 1,000
Principal, Teacher's College ... 600	
1st Asst. do ... 300 to 400	
2nd do do ... 200 to 300	

(1) The Port Officer at Cocanada draws also an allowance of Rs. 100 for Superintending the construction of Greyines.

The Port officer at Negapatam draws also an allowance of Rs. 50 in connection with the work of emigration to the Straits Settlements.

(2) The Superintendent of Tuticorin draws also Rs. 300 for Pearl Fisheries.

(3) The present incumbent draws pay of Rank, Rs. 433-18-0, in addition.

(4) Including Conveyance allowance of Rs. 50.

(5) With house rent of Rs. 50.

(6) Deputy Inspectors of Schools draw also fixed Travelling allowance of Rs. 25.

(7) Chaplains in the Presidency Town draw house rent of Rs. 130.

The Domestic Chaplain draws house rent Rs. 75 when in Madras.

The Chaplains in Bolarum and Secunderabad draw Conveyance allowance of Rs. 50.

The Chaplain in charge of Palaveram draws an extra allowance of Rs. 150, and a house rent of Rs. 75.

The Senior Chaplain of the Church of Scotland draws a special allowance of Rs. 150.

(8) With house rent of rank.

(9) With house-rent of rank while in Madras.

Monthly. rs.	Monthly. rs.
Medical—continued.	Miscellaneous—continued.
Sanitary Commissioner ... 2,000	Translators {Tamil ... 300
Principal, Medical College ... 1,500	to Government {Telugu ... 300
Dy. Sanitary Comr. & Insp. of Vaccination & Full Professorships in the Medical College with conjoint Presidency Duties (1) ... 1,250, 1,050, 850, 700	to Govt. {Persian and Hindustani ... 250
Surgeons & Districts, Supt. Lunatic Asylum, and Civil Surgeons 1st Class Station (2) (3) ... 1,050, 850, 650, 500	Government Astronomer ... 800
Resident Surgeon Genl. Hospital and Professor of Pathology ... 800	Meteorological Reporter ... 400
Asst. Physician Genl. Hosp. and Professor of Hygiene Medl. Col. ... 750	Supt., Govt. Central Museum ... 500 to 800
Second Surgeon Genl. Hospital and Professor of Materia Medica and Practical Pharmacy ... 700	Registrar of Govt. Books ... 150
Health Officer and Supt. Lock Hospital ... 400	Curator Oriental Library, Presidency College ... 100
Civil Medical Officers in charge of Civil Stations ... 700, 550, 450, 350	Registrar, Madras University ... 300
Officer in Medical charge of Sub Dist. Saidapet ... 80	Secretary to the Commissioner for the I. C. S. Examination ... 350
Minor Professorship ... 200	Secretary to the Board of Examiners Government Botanist and Director of Cinchona Plantations ... 700 to 800
Native Asst. Surgeons (4) ... 100, 150, 200	Curator of Govt. Botanical Gardens and Parks, Ootacamund ... 300
	Government Quinologist ... 350 to 500
Political.	Supt., Pearl Fishery, Tuticorin ... 200
Resident, Travancore ... 2,800	Assistant Director of the Dept. of Land Records and Agriculture ... 750 to 1,000
Assistant Resident (5) ... 600	Inspector of Cattle Disease (8) ... 550
Paymaster of Carnatic Stipends ... 250	Medical Inspector of Emigrants ... 125
British Consular Agent, Karikal and Pondicherry ... 827-14-0 + Agency allowance of Rs. 250	Director Genl. of the Archaeological Survey of India ... 1,500
	Epigraphist for the Madras Presy. ... 400
	First Asst., Archaeological Survey ... 350-25-500
Miscellaneous.	Dy. Collr. in charge of Paper Currency in Calicut ... 100
Supt. Government Press (6) ... 700	Deputy Collr. in charge of Income Tax Work ... 150
Deputy do. ... 333-5-4	
Assistant do. ... 300	Special Appointment.
Protector of Emigrants ... 100	Compiler Administration Report ... 200

(1) Principal Medical Storekeeper.

Surgeon General Hospital and Professor of Clinical Surgery.

Fort Surgeon with Port and Marine duties and Professor of Anatomy.

Ophthalmic Surgeon and Professor of Ophthalmology and Physiology.

Superintendent, Lying-in Hospital, and Professor of Midwifery.

Chemical Examiner and Professor of Chemistry.

(2) Civil Surgeons who were in the Service on the 7th November 1864, draw Rs. 1,050-2-7 on completing 20 years' service and Rs. 1,093-2-0 on completing 25 years, for both 1st and 2nd class Stations.

(3) Medical Officers draw Presidency house rent according to their rank, Surgeon Major Rs. 125, of 12 years' standing Rs. 100; Surgeon of 5 years Rs. 75, under 5 years Rs. 40.

(4) With a local allowance of Rs. 50.

(5) Covenanted Civil Servants draw a Special allowance of Rs. 175.

(6) With a Conveyance allowance of Rs. 40.

(7) With a fixed travelling allowance of Rs. 250.

(8) With House rent of Rs. 50.

UNCOVENANTED

No.	Original Attainments.	NAME.	Total Ser. vice.	App'd A. D.	Date of promotion to present grade.	Salary.
FIRST CLASS.—No. 1.			Years			Rs.
1	Tam.	William Elphinstone Underwood*†	31	1859	4 Feb. 1887	700
SECOND CLASS.—No. 5.						
1	Tam.Hin Surv. Civ. Eng.	Edward Golightly Ricketts	35	1864	3 Nov. 1877; 1 July 1888	600
2	Tel.Tam.	Charles Ernest Plunkett*†	33	1867	17 Jan. 1888	600
3	Tam.Tel.	Muthayya Sāriyamūrti Pillai*	33	1869	17 Dec. 1888	600
4	Tam.	Albert Monin Jones*	32	1875	1 July 1889	600
5	Tam.	Haribara Subbaraya Aiyar*	26	1876	1 July 1889	600
THIRD CLASS.—No. 11.						
1	Tam.Mal Hin.	Pennell Ashmead Cole*†	26	1863	15 Mar. 1878; 1 July 1883	500
2	Hin.Tam	Maharamad Azam Ghattalah Sahib*	19	1877	17 Jan. 1888	500
3	Tam.San.	Valluri Jagannatha Rao Pantulu* Rai Bahadur	24	1883	17 Jan. 1888	500
4	Tam.Tel.	Chokkappa Kalvanasundaram Setti, Rao Bahadur.	30	1878	17 Jan. 1888	500
5	Tel. Can. Mar.Tam Hin.San.	Kanche Sabbā Rao Pantulu*	34	1876	1 April 1888	500
6	Tam.	Aleixo Pinto*	30	1880	10 April 1888	500
7	Tam.Can	Dharishwar Ananthayya*	26	1880	20 April 1888	500
8	Tel.Tam.	Pallikarni Tirumala Ejjagopālā Chēri*	34	1880	17 Dec. 1888	500
9	Tel.	Koralla Subbarayudu	30	1880	13 Nov. 1888	500
10	Tel.	Parupalli Pundarī Kōtshudu*	27	1881	14 Apl. 1889	500
11	Tam.	Karumastur Vengā Pillai*	27	1881	1 July 1889	500

* Magistrate, 1st Class.

† Justice of the Peace.

‡ The first dates are those on which the Dy. Coltrs. were confirmed in the old grade, and the second those from which the re-organization took effect.

DEPUTY COLLECTORS.*†

District.	Duty.	Station.	Remarks.
Malabar ...	General duties	Manantoddy ...	Draws Local allowance of Rs. 150.— G.O., 22nd April 1868, No. 1,075.
Malabar ...	Treasury	Calicut ...	Draws an extra allowance of Rs. 100 for charge of the Paper Currency Department.
Madras Town ...	Quit Rent, &c.	Madras ...	Draws a special allowance of Rs. 150 for the work connected with the Income Tax.
Salem ...	Treasury	Salem	
Nilgiris ...	do	Ootacamund	
Coimbatore ...	do	Coimbatore	
South Arcot ...	Treasury	Cuddalore	
North Arcot ...	General duties	Arni	
Vizagapatam ...	do	Vizianagram	
Chingleput ...	Treasury	Saidapet	
South Arcot ...	General duties	Tirukoilūr ...	Ag. Dy. Collec. Genl. duties, Kistna.
.....	.....	.....	On deputation as Special Forest Set- tlement Officer in Chingleput, Madara, Tinnevely and Coimbatore Districts.
Coimbatore ...	General duties.	Coimbatore	
Anantapur ...	do	Goety	
Godavari ...	Treasury	Cocanada ...	On privilege leave for 2 months, from 20th November 1889.
Kistna ...	General duties	Vinukonda ...	On furlough for 1 year, from 15th May 1889.
Tanjore ...	Treasury	Tanjore	

* Deputy Collectors on General duties draw a tentage allowance of Rs. 11-1-0 a month.

No.	Lingual Attainments.	NAME.	Total Ser. vice.	App'd A. D.	Date of promotion to present grade	Salary.
FOURTH CLASS—(continued).			Years.			Rs.
18	Tel.	Wannava Venkatappayya Pantula*	26	1887	28 Sep. 1888	400
19	Tam.	Amaravati Krishnaswami Aiyar, B.A.*	27	1888	14 Apl. 1889	400
20	Tam.	Boaventura Manoel D'Cruz*	27	1888	1 July 1889	300
21	.....	Muniker Srinivasa Rao, B.A., B.L.*	1	1888	12 July 1889	400
22	Tam.	Ramaswami Anantarama Aiyar, B.A.*	26	1888	4 Oct. 1889	400
FIFTH CLASS—No. 16.						
1	Tam. Mal. Hin.	William Cottrell Baker Sharkey	27	1876	20 Jan. 1888	300
<i>Sub pro tem</i>						
2	Tel.	Benjamin Henry Chester, M.A.*	1	1888	1 Feb. 1888	300
3	...	Taravata Gopalur Nayar, B.A., B.L.*	1	1888	2 Feb. 1888	300
<i>Permanent.</i>						
4	...	Muhammad Kadir Navas Khan Sahib*	14	1888	1 Mar. 1889	300
5	Tel.	Kotikalapudi Subbarayudu*	18	1888	1 Apl. 1888	300
6	...	Tiruvavar Venkachi Aiyar Narayanaswami Aiyar*	20	1888	10 Apl. 1888	300
7	Tel. Can.	Tamparti Rama Rao, B.A.*	13	1888	20 Apl. 1888	300
8	Tam. Tel. Can. Hin. Persian.	Saiyid Kadir Badsha Sahib*	18	1888	17 Dec. 1888	300

* Magistrate, 1st Class.

* Magistrate, 1st Class, Justice of the Peace.

District.	Duty.	Station.	Remarks.
Ganjam ...	Treasury ...	Chatrapur	
Trichinopoly ...	do ...	Trichinopoly	
Malabar ...	General duties.	Cochin	
Madura ...	do ...	Madura ...	Sub pro tem under G. O., d. 18th Oct. 1883, No. 1,300 Rev.—25th Mar. 1889.
Tinnevely ...	do ...	Palamcottah...	Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,300, Rev.—25th March 1889.—Ag. as Dy. Collr., Genl. duties, (Srivilliputtur) Tinnevely.
Kurnool ...	Treasury ...	Kurnool	Granted privilege leave for 2 months and 11 days.
Bellary ...	General duties.	Bellary	
Malabar ...	do ...	Calicut ...	Ag. Deputy Collr., General duties, Coimbatore, (Satyamangalam).
Tanjore ...	Treasury ...	Mannargudi ...	Sub pro tem Deputy Collr., Fourth Class, vice D. Jagannadha Rao Pantula—10th Dec. 1889.—Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,300, Rev.—25th March 1889.
Bellary ...	do ...	Adoni ...	Sub pro tem Dy. Collr., Fourth Class vice T. Raja Ram Rao, Dewan Bahadur—10th Dec. 1889.
Salem ...	do ...	Salem ...	Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,300, Rev.—25th March 1889.
Cuddapah ...	do ...	Cuddapah ...	Ag. Dy. Collr. Genl. duties, (Siddhavattam), Cuddapah.
.....	.....	.....	Ag. as Supt. of the Dist. Jail, Palamcottah—Posted to General duties, Trichinopoly.—26th Feb. 1889.

† Deputy Collectors on General duties draw a tentage allowance of Rs. 11-19-0 a month.

No.	Lingual Attainments.	NAME.	Total Service.	Apptd. A. D.	Date of promotion to present grade	Salary.
FIFTH CLASS—(continued).						
9	Tel.	Bagiseti Sobanathri Rangayya Nayudu	21	1888	18 Nov. 1888	300
10	...	James Thomas Lever*	12	1888	14 Apl. 1889	300
11	Tel.	Siram Venkatarama Das Nayudu, B.A., F.L.	1	1888	10 Mar. 1889	300
12	Tel.	Chavondra Venkatesharam Pantulu	23	1888	9 July 1889	300
13	Tel.	Charla Raghava Rao*	31	1888	12 July 1889	300
14	...	Thandaim Sundara Rao, B.A.*	15	1888	4 Oct. 1889	300
15	Tam.	Abraham Prabalapadman Pillai*	21	1888	Dec. 1889	300
16	Tel.	Tanikella Jagannadham Pantulu*	20	1888	20 Nov. 1889	300
SIXTH CLASS—No. 11.						
1	Tel.	Kuruchetti Seshayya Chettiar, *	9	1888	28 Sep. 1888	250
Sub pro tem.						
2	...	Echambadi Srinivasa Chari	11	1889	13 Apl. 1889	250
Permanent.						
3	Tel.	Peddibotla Purnayya Pantulu, Rao Bahadur	22	1889	14 Apl. 1889	250
4	Tel.	Immanani Kotilingam Nayudu, B.A.*	17	1889	10 Mar. 1889	250
5	Tel. Tam.	Giddu Kothanda Ramayya, M.A.	10	1889	1 July 1889	250
6	Tam.	Venkatarama Subbaiyar, B.A.*	16	1889	9 July 1889	250
7	Tam.	Veeraperumallier Parthasarathi Aiyangar*	23	1889	12 July 1889	250
8	Tel.	Jendhyala Parvateswara Sastri*	14	1889	4 Oct. 1889	250
9	Tel.	Tammalapalli Ramamurti Pantulu*	22	1889	Dec. 1889	250
10	Tel.	Immanudi Sarathalingam Nayudu, B.A.	14	1889	20 Nov. 1889	250
11	...	...	...	...	...	...

* Magistrate, 1st Class.

District.	Duty.	Station.	Remarks.
Nellore	Treasury	Nellore	
Ganjam	General duties.	Chatrapur	Doing duty Temply. as Dy. Collr., General duties, Godavari.
Bellary	Treasury	Bellary	
Cuddapah	General duties.	Cuddapah	On deputation as Manager, Devarkota Estate.
South Arcot	do	Cuddalore	
Tinnevely	do	Palamcottah	
Nellore	do	Nellore	Sub pro tem under G. O., dated 18th Oct. 1883, No. 1300, Rev.—25th March 1889.
Kurnool	do	Kurnool	Sub pro tem Dy. Collr., Fifth Class, vice Mahammad Kader Navaz Khan Sahib—10th Dec. 1889.—Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,300, Rev.—25th March 1889.
Madras		Madras	Asst. Supt. of Stamps and Stationery.
Kurnool	General duties.	Cumbum	Sub pro tem Dy. Collr., Fifth Class vice K. Subbarayudu—10th Dec. 1889.—Services placed at the disposal of the Maharajah of Jeypore for employment as Dewan, from 11th January 1889.
Salem	do	Namakkal	Sub pro tem Dy. Collr., Fifth Class vice Ch. Venkatesharam Pantulu—10th Dec. 1889.—Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,300 Rev.
South Arcot	do	Tirukoiler	Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,300, Rev.
Malabar	General duties.	Ponani	Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,200, Rev.
Vizagapatam	Treasury	Vizagapatam	
Vizagapatam	General duties.	Vizagapatam	Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,300, Rev.
			Sub pro tem under G. O., dated 18th Oct. 1883, No. 1,300, Rev.—On deputation as Special Forest Settlement Officer in Nellore and Bellary.

† Deputy Collectors on General duties draw a tentage allowance of Rs. 11-1-0 a month.

No.	Lingual Attainments.	NAME.	Total Service.	Apptd. A. D.	Date of promotion to present grade	Salary.
		Sub <i>pro tem</i> DY. COLLECTORS.	Years.			Rs.
1	Tel.	B. Hanumantha Rao, Tasildar of Dharmavaram	24	1889	9 July 1889	250
2	Mal/Tam	K. V. Lakshmana Rao, Collector's Sheristadar, Salem	22	1889	4 Oct. 1889	250
3	Tam.	S. Swaminatha Aiyar, B.A.,* Tahsildar of Trichengode	11	1889	4 Oct. 1889	250
4	Tam.	P. Narasimha Sastri,* Tahsildar of Tirunelveli	21	1889	20 Nov. 1889	250
5	Mal.	V. Chappan Munn, B.A.,* Collector's Sheristadar, Malabar	12	1889	10 Nov. 1889	250

* Magistrate, 1st Class.

District.	Duty.	Station.	Remarks.
Kistna	Treasury	Musulipatam	Sub <i>pro tem</i> Dy. Collr., Sixth Class, vice K. Seshayya Chetty—10th Dec. 1889.
Cuddapah	Special duty	Cuddapah	Sub <i>pro tem</i> Dy. Collr., Sixth Class, vice P. Purnayya Pantulu Rao Bahadur—10th Dec. 1889—Special Dy. Collr. for the acquisition of lands required for the Villavaram Dharmavaram Railway.
North Arcot	General duties.	Chittoor	Sub <i>pro tem</i> Dy. Collr., Sixth Class, vice Purnayya Pantulu Rao Bahadur on deputation—10th Dec. 1889.
Trichinopoly	do.	Arifalur	Sub <i>pro tem</i> Dy. Collr., Sixth Class, vice J. Sarabhadram Nayudu—10th Dec. 1889.
Malabar	do.	Calicut	Sub <i>pro tem</i> Dy. Collr., Sixth Class, vice N. Subbaraya Aiyar, deceased—10th Dec. 1889.

* Deputy Collectors on General duties draw a tentage allowance of Rs. 11-1-9 a m.

No.	Lingual Attainments.	NAME.	Total Service.	Serv. as Ag. Dy. Collr.	Date of joining Special Appointment.	Salary.
		DEPUTY COLLECTORS (ACTING AND SPECIAL).	Years.	y. m.		Rs.
1	Tel.	K. Narayanaswami Nayudu, Collector's Sheristadar, Karnool ...	27	1 2	.....	250
2	Tam.	S. Ramu Aiyar, B.A., † Head Clerk Rev. Secretariat, Govt. Office ...	18	1 1	7 April 1889	250
3	Tam.	C. Ramaswami Aiyar, B.A., * Tahsildar of Villupuram ...	18	0 7	2 May 1889	250
4	Tam.	V. Venkata Boyar, * Collector's Sheristadar, Chingleput ...	15	0 6	11 June 1889	250
5	Tel.	D. Venkata Sastri, † Head Quarter Inspector of Police, Ganjam.	0 6	28 June 1889		250
6	Tel.	K. Narasimham Pantulu, B.A., * Tahsildar of Amalapur ...	0 5	17 July 1889		250
7	Tel.	C. E. Chennakesavulu Nayudu, B.A., * Collector's Sheristadar, Trichinopoly ...	0 3	19 Sept. 1889		250
8	.....	B. Venkayya Pantulu, Tahsildar of Sarvasidhi ...	.....	.....	.....	250
9	Hin.	Mir Sultan Mohidin Sahib, Tahsildar of Dindigul ...	.....	.....	5 Dec. 1889	250
10	Tam.	C. Ramasesha Aiyar, Tahsildar of Salem ...	.....	.....	.....	250

* Magistrate, 1st Class.

† Magistrate, 2nd Class.

District.	Duty.	Station.	Remarks.
.....			
.....	Treasury	Cuddapah	Ag. for A. Pinto.
.....	General duties.	Anantapur	Ag. for K. V. Lakshmana Rao.
.....	do	Nellore	Ag. for J. Kotilingam Nayudu and during the absence of A. Krishna-swami Aiyangar.
Chingleput	do	Guindy	Ag. for V. Doraswami Aiyar.
Ganjam	do	Chatrapur	Ag. for J. T. Lever.
Gr. ...	Special duty	Chatrapur	Temp. Spl. Dy. Collr. for acquisition of lands for the Rushikulva Project.
Trichinopoly	General duties.	Trichinopoly	Ag. for Saiyid Kadir Badshah Sahib.
Tam ...	Special duty	.....	Special duty for enquiring into alienations in the Bobbili estate and separately assessing and registering such alienated portions.
.....	Treasury	Madura	Ag. for T. Ranga Rao.
.....	do	Chittoor	Ag. for P. Pundarikakshudu.



* Deputy Collectors on General duties draw a tentage allowance of Rs. 11-1-9

ASSISTANT COMMISSIONERS OF SALT AND ABKARI REVENUE.

Number.	Original Appointments.	Name.	Fourth Grade, No. 1.	Years.	Total Service.	Year of first Appointment to this Salt Dept.	Date of promotion to present grade.	Salary.	Sub-Division.	Station, &c.	Remarks.
1	Can. Mad.	P. B. Dumas	...	7	...	1882	11 Aug. 1885	500*	Calicut Sub-Divn.	Calicut	On leave on med. cert. for 7 months, from 15th June 89.
2	Tel.	E. L. R. Maniawaring	...	7	...	1881	2 Feb. 87	500	Tinnevely Sub-Divn.	Tuticorin	
3	Tam.	A. P. Russell	...	9	...	1880	18 May 88	500†	Chingleput Sub-Divn.	Madras	
4	Tel. Hind.	G. W. Brown	...	12	...	1884	11 Sept. 89	500*			Ag. in Calicut Sub-Division.
	Tam.	T. R. Barker, Insp. of Salt and Abkari Rev. Third Grade.	...	7	...	1881	10 July 89	430††	Nellore Sub-Divn.	Nellore	
		F. G. Marshall, Insp. of Salt and Abkari Rev. Third Grade.	...	5	...	1884	24 Nov. 1889	430*	Chittoor Sub-Divn.	Waltair	

* With House Rent of Rs. 60.

† With House Rent of Rs. 50.

†† With House Rent of Rs. 55.

INSPECTORS OF SALT REVENUE.

Districts.	Circle where employed.	Names.	Pay.
<i>First Grade.</i>			
Chingleput	Covelong	C. Powell	400
Chingleput	Ennore	J. M. Mitchell	400
Nellore	Islupallee	E. Green	400
			400
<i>Second Grade.</i>			
Ganjam	Aska	A. M. Story	350
Cuttack	Chandbally	E. J. B. Chapman	350
Ganjam	Ganjam	H. J. Simpson	350
North Arcot	Vellore	P. Komar Menon	350
Kistna	Bezwada	C. V. Dattapada-Hay	350
Tinnevely	Tuticorin	J. Warner	350
Ganjam	Naupada	R. W. Kite	350
<i>Third Grade.</i>			
Madras	Madras Deputy Circle	W. A. Beeson	300
Kurnool	Kurnool	W. Green	300
Anantapur	Anantapur	M. Vandevela Naidu	300
Kistna	Manginagudi	E. E. Scott	300
Vizagapatam	Konada	H. C. Poole	300
Nellore	Kanuparti	T. R. Barker (on sick leave)	300
Tinnevely	Koyilpatnam	S. A. MacD. Calder	300
South Arcot	Merikurum	J. A. Majoribanks	300
Puri	Manikpatna	Baba Beni Mahabai Mukerjee	300
Tanjore	Nagapattam	R. Haden	300
Cuddapah	Cuddapah	C. J. M. Blake	300
Ganjam	Callinapatam	F. W. Cohen	300
Tanjore	Vedarnient	C. W. J. St. John	300
Bellary	Bellary	T. P. Gaden	300
Vizagapatam	Pallamsee	J. W. Sturgeson	300
Vizagapatam	Balachervu	F. G. Marshall	300
<i>Fourth Grade.</i>			
Godavari	Mogulur	G. T. Gahan	250
Salem	Salem	J. Thorburn (on sick leave)	250
Tanjore	Adirampattanam	Hajee Sayid Umar Sahib	250
Tanjore	Tanjore	G. Adinarayana Rao	250
Salem	Tranquebar	R. P. Moore	250
Nellore	Salem	V. S. F. Wilson	250
South Arcot	Kanuparti	C. H. MacBride	250
Malabar	Cuddalore	E. H. Brookes	250
Malabar	Calicut	D. Holman	250
Malabar	Basudepur	C. M. Sherman	250
Madras	Morekolum	J. R. Wilson	250
Madras	Vettanam	C. E. Stewart	250
Trichinopoly	Trichinopoly	E. A. Barton	250
<i>Probationers.</i>			
Chingleput	Tada	H. A. Taitani	200
Vizagapatam	Bobbili	C. F. Rhenius	200
Coimbatore	Coimbatore	C. Gahan	200
Malabar	Palghat	J. A. Muller	200
Malabar	Basudepur	R. M. Threlley	200
		M. C. Bergen	200

LOCAL FUND ENGINEERS.

No.	Name.	Date of Appointment.	District.	Station.	Pay.	Travelling Allowances, &c., and Remarks.
1	W. H. Hiscox	1 June 1888	Anantapur	Anantapur	Rs. 250	Rs. 3 a day.
2	W. Vivian, A.M.I.C.E.	24 Oct. 1881	Arcoth North	Yellare	400	Rs. 4 a day. — On sick leave for 15 months from 16th May 1889.
3	H. Dwyer, Acting	16 May 1889	do	Cuddalore	370	Rs. 4 a day.
4	B. J. Norfor	1 Jan. 1890	Arcoth South	Bellary	540	Rs. 4 a day.
5	T. J. MacIntyre	8 Jan. 1885	Bellary	Bellary	500	Rs. 4 a day.
6	J. W. MacIntyre	5 Mar. 1889	Canara S.	Mangalore	400	Rs. 4 a day.
7	J. W. MacIntyre	3 Apr. 1889	Chingleput	St. Peter's Mt.	500	Rs. 4 a day.
8	H. C. R. Hawley	14 Jan. 1889	Coimbatore	Cuddalore	330	Rs. 4 a day.
9	R. W. M. Macmillan	28 Oct. 1889	Coimbatore	Chingleput	400	Rs. 4 a day.
10	P. H. Brown	9 Feb. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
11	W. A. Mathews, Ag.	6 Aug. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
12	D. Chetty	17 Mar. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
13	J. C. Shingler	25 July 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
14	Geo. Anderson, M.I.C.E.	15 May 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
15	W. Maylor	12 Aug. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
16	C. Scott	8 Apr. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
17	E. Hildwell	15 July 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
18	J. Charnock	6 Nov. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
19	H. C. Syson	10 Oct. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
20	R. C. Lowry	10 Feb. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
21	E. F. Hancock	10 Feb. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.
22	Charles Stoen	10 Feb. 1889	Coimbatore	Coimbatore	400	Rs. 4 a day.

DISTRICT AND SESSIONS COURT.

ARCOOT-NORTH.

			Salaries.	
			Rs.	A. P.
Judge	12 G. S. Crole (on dep.)	2,333	5	4 Madras.
Acting do	65 H. H. O'Farrell	1,941	7	1 Chittoor.
	Tentage	35	0	0

ARCOOT-SOUTH.

Judge	56 R. S. Benson	2,266	10	8 Cuddalore.
Judge	18 A. L. Ester, (On furla.)	1,166	10	8 Europe.
Acting do	43 R. Sewell	2,333	5	4 Bellary.

CANARA-SOUTH.

Judge	6 J. W. Best, (On furla.)	1,166	10	8 Europe.
Acting do	59 W. J. Tate	1,941	7	1 Mangalore.

CHINGLEPUT.

Judge	13 S. T. McCarthy	2,333	5	4 Chingleput.
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COIMBATORE.

Judge	19 G. D. Irvine, (On furla.)	1,166	10	8 Europe.
Acting do	26 L. A. Campbell	2,333	5	4 Coimbatore.

CUDDAPAH.

Judge	56 E. J. Sewell, (on dep.)	2,266	10	8 Cuddapah.
Acting do	69 W. H. Welsh	1,941	7	1 Cuddapah.

GANJAM.

Judge	36 E. C. Johnson	2,333	5	4 Berhampore.
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GODAVARI.

Judge	25 C. A. Bird	2,333	5	4 Rajahmundry.
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KISTNA.

Judge	45 G. T. Mackenzie	2,333	5	4 Masulipatam.
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KURNOOL.

Judge	42 M. R. Weld	2,333	5	4 Kurnool.
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MADURA.

Judge	37 T. Weir	2,333	5	4 Madura.
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MALABAR-NORTH.

Judge	51 A. E. Cox (On dep.)	2,333	5	4 Bombay
Acting do	67 J. P. Piddian	1,941	7	1 Tellicherry.

MALABAR-SOUTH.

Judge	47 L. Moore	2,333	5	4 Calicut.
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NELLOR.

Judge	26 L. A. Campbell, (On dep.)	2,333	5	4 Coimbatore.
Acting do	C. Ramachandra Aiyar	1,406	14	3 Nellore

NILGIRI.

Judge	19 G. D. Irvine, (On furla.)	1,166	10	8 Europe.
Acting do	26 L. A. Campbell	2,333	5	4 Coimbatore.
Adl. Sess Judge	39 H. T. Knox, (On furla. on m. c.)	1,040	0	0 Europe.
Acting do	49 C. F. MacCartie	2,000	0	0 Ootacamund.

SALEM.

Judge	43 R. Sewell, (On dep.)	2,333	5	4 Bellary.
Acting do	57 H. T. Ross	1,941	7	1 Salem.

TANJORE.

Judge	41 J. A. Davies	2,333	5	4 Tanjore.
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TINNEVELLY.

Judge	17 W. F. Grahame	2,333	5	4 Palamcottah.
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TRICHINOPOLY.

Judge	28 W. P. Austin	2,333	5	4 Trichinopoly.
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VIZAGAPATAM.

Judge	40 H. R. Farmer	2,333	5	4 Vizagapatam.
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+ Second Grade Judge and Acting in First Grade.

TAHSILDARS

District and Taluks.	Names.	Pay.	District and Taluks.	Names.	Pay.
		Rs.			Rs.
MALABAR.					
			TANJORE (continued.)		
Ponnani	K. Ramasami†	225	Nannilam	B. C. Narayanaswami Nayudai	250
Palghat	N. Venkatasubba Nayudai (on leave)	200	Kumbakonam	D. Ayyaswami Shastri, Rai Bahadur†	250
	P. C. Ramaswami Aiyar, Ag.		Mayavaram	T. V. Narasimulu Nayudai†	225
Karimnagar	O. Ramasami†	200	Tiruchendur	M. Abbas Ali Sahib†	225
Ernad	P. Krishna Menon†	200	Manargudi	P. Thanthayalu Nayudai†	200
Wairanad	T. Kunhabai† (on leave)	200	Pattakottai	T. Gopalaswami Aiyar† (on dep.)	175
	K. Krishnan Muni, Ag.			R. Kodandawami Pillai, Ag.	
Wynaad	J. H. Govindan†	200		C. K. Srinivasa Aiyangar†	150
Kottayam	K. Govindan, Ag.	155			
Calicut	S. Ananta Pattar	175			
Chirakal	P. Rama Aiyar	175			
NETJORE.					
			TENNESSEE.		
Nellore	C. Rama Rao†	225	Tenkalai	C. Anantamarayana Aiyar†	250
Gudur	S. Srinivasa Ranga Rao†	200	Ambasamudram	M. Krishnaswami†	225
Onigole	A. Kesava Rao†	200	Tiruvarur	P. Narasimulu Shastri,† (on dep.)	225
Kavali	M. Parthasarathi Nayudai†	175		P. Sivarama Aiyar, Ag.	200
Atmakur	S. Subba Rao†	175	Nanguneri	C. Mukunda Rao†	200
Kandakur	V. Venkataswami Pantulu†	175	Srivilliputur	S. Sankaraiyer†	200
Bapar	K. Krishna Rao†	150	Sankaranamangaludi	V. Singam Aiyangar†	200
Udayagiri	C. Seshagiri Rao, (on dep.)	150	Tenkasi	P. Sivarama Aiyar,† (on dep.)	175
	M. Ramachandran Rao, Ag.			Swaminatha Aiyar,† Ag.	
Benigiri	D. Venkata Rao†	150	Otapidaram Sater	B. Narasimulu Aiyar†	150
				R. M. Ambalavana Pillai† (on leave)	150
				P. Muhammad Hassan Sahib, Ag.	
SALEM.					
Salem	C. Ramasubramanyam, n.s.†	250	TRICHINOPOLY		
Narsali	V. Subbairar, n.s., (on dep.)	225			
	K. Raghavendra Rao, Ag.		Trichinopoly	B. Kandaswami Pillai†	250
Tiruchengode	S. Swaminatha Aiyar, n.s.,† (on dep.)	225	Musi	C. Kuppuswami Aiyar†	225
	M. B. Sambairar,† Ag.		Udayarpalayam	S. Annamalai Pillai†	200
Arur	S. Sundaresa Mudaliyar, n.s.,†	200	Perambalur	S. Annaswami Aiyar† (on dep.)	175
Tirupattur	C. Kungaiyer, (on leave)	200		D. Raja Ram Nayudu, Ag.	
	E. A. Smith,† Ag.		Kuliturai	A. Subroja Aiyar†	150
Hosur	J. Ramachandra Rao†	200			
Dharmapuri	M. R. Sambairar,† (on dep.)	175			
	S. Venkatasubbairar,† Ag.		VIZAGAPATAM		
Uttankur	A. Ramaswami Aiyar†	150			
Krishnagiri	T. Muniswami Pillai†	150	Golconda	P. Kodanda Rao Pantulu† (on dep.)	150
				B. V. Ramaswami Pantulu,† Ag.	
				M. B. Venkaya Pantulu,† (on dep.)	150
				P. Kodandasa Rao Pantulu,† Ag.	
TANJORE.					
Tanjore	C. Venkataswami Aiyar†	250			
Negapatam	K. Jagannatham Chettiar†	250			

† Magistrate, 2nd Class.

SUB-MAGISTRATES.

Divisions.	Names.	Pay.	Divisions.	Names.	Pay.
ANANTAPUR.					
Kalyandroog.	G. Gopala Rao (on furlough)	100	Conjeveram	Mahammad Ali Sahib Bazar, (on dep.)	100
	S. Vaideva Rao, Ag.			N. Narasinga Rao, Ag.	
Uravakonda	A. Appavu Mudaliyar.	70	Sripiermadur	T. Alwar Pillai	70
Koyichemeroo (Yadiki)	F. Narayana Rao Nayudu, n.s., (on dep.)	70	Sathiyada	E. Varada Chari	70
	J. Williams, n.s., Ag.		Poonamallee	S. Nadasami Aiyangar (on dep.)	70
Bukkapattanam	J. Bhima Rao	70		S. C. Venkataramayya, Ag.	
ARCOT, NORTH.					
Pattur	Y. Narayanaswami Nayudu, (on dep.)	100	Uthamallur	C. Aravamudan Aiyangar	70
	Ramachandra Aiyar, Ag.				
Pungaur	A. R. Jaya Rao	100	COIMBATORE.		
Kangudi	Sundara Raja Aiyangar, Ag.	100	Coimbatore Town	S. Venkata Rao, n.s., (on dep.)	70
				K. Nelliappa Pillai, n.s., Ag.	
Tirupeti Town	C. Mahadeva Shastri	70	Talavadi	Sayid Resul Sahib	70
Madhavpet	Yasud Ali Khan Sahib	70	Metapalayam	K. Lakshmana Rao	70
Kelchastri	V. Prabhappa Mudali	70	Perundurai	S. Krishnamaya (on dep.)	70
Vellore Town	A. Ganaswami Mudali	70		A. Subbarathna Shastri, Ag.	
Venkatagiri	C. Raghunatha Rao	70	Avanashi	T. Appayya (on dep.)	70
Arni	A. Raja Mudali, Ag.	70		C. Sankaraya Rao (sub pro tem)	70
Arkonam	M. Srinivasa Rao Ag.	70	Kangayam	S. Krishnamaya	70
Tirutani	Ramachandra Rao, (on dep.)	70	Aravindavaram	A. Chengalva Rao Nayudu	70
	C. Narasimhar, Ag.				
ARCOT, SOUTH.					
Manargudi	A. Venkatasubramanyam	70	CUDDAPAH.		
Bowmanagherri	K. Venkata Ranga Chari	70	Cuddapah Town	Mahammad Jaffer Hassan Sahib	100
Vannar	S. Sundara Aiyar	70		M. Mahammad Ali Sahib, (on dep.)	70
Tittagode	M. Ramaswami Aiyar	70		K. Narayana Rao, Ag.	
Gingi	K. I. Vijaya Raghava Chari (under suspension)	70	Kamalapur	D. Bhana Rao (on dep.)	70
	A. Pashupad Pillai			Munshi Mahammad Ali Sahib, Ag.	
Chengum	M. Srinivasa Pillai	70	Peraiar	K. Narasinga Rao	70
Panruti	S. Govinda Rao, n.s., (on dep.)	70			
	V. Venkataswami Aiyangar		GANJAM.		
Udumerpatt	M. Ramakrishna Pillai	70	Pachakimedi	P. Suryanarayana Pantulu	100
Merkanum	K. Lakshmana Rao	70		P. Marimajo Pantulu (on dep.)	100
BELLARY.					
Bellary Town	C. Nembaramallaya	100		N. Venkata Ranganadham Rao Pantulu, Sub pro tem	
Simigappa	P. Venkata Rao	70		C. Hanumanth Rao Pantulu (under suspension)	100
Kanupli	Y. Subba Rao	70		P. Janaki Rao, Ag.	
Yemiganoor	A. D. Krishna Rao	70	Purushotapur	G. Narasinga Rao	100
CANARA, SOUTH.					
Mangalore	R. Baba Rao	100	Aska	K. Papayya Pantulu	100
Bantwal	V. Rama Rao	70	Narsapurpetta	B. Ranganath Pantulu	70
Nilavar (Kasargode Taluk)			Sarada	D. C. Appayya Nayudu	100
	H. Kurnappa (on prv. leave)	70	Ganjam	N. Venkata Rao Pantulu	70
Karkal (Udipi Taluk)	T. Subasiva Rao, Ag.	70	Sompetta	N. V. Ranganatha Rao Pantulu, (on dep.)	70
Belthangudi	C. S. M. Alao	70		N. Venkata Rao Pantulu, Sub pro tem	
Uppinangudi Taluk	N. P. Fernandez	70	Borhampore	G. Jagannatha Dasu	70

Divisions.	Names.	Pay.	Divisions.	Names.	Pay.
MALIAH GANJAM DISTRICT.			MADURA.		
Balliguda.....	W. H. Bartley.....	250	Madura Town.....	B. Venkateswara Aiyar.....	100
Udayagiri.....	M. V. Ramalingu Nayudu.....	200	Udhampati.....	S. Nageswami Aiyar, (on dep.).....	70
Rannagiri.....	Lalhey Sahib.....	200	Trishuly.....	M. Krishna Rao, Ag.....	100
GODAVARI.			Modakalattur.....	C. Vijayaram Pillai.....	70
Alampur.....	V. Kameswari.....	70	Rannad.....	K. Potabharana Aiyar.....	100
Pentapadu.....	D. Venkata Rao Pantulu.....	70	Tiruvadan.....	S. Narasimha Aiyar.....	70
Polavaram.....	T. Venkata Ramayya.....	100	Sivaganga.....	R. Muthuswami Aiyar, (under suspension).....	100
Kotapalle.....	G. Subramanyam.....	100		C. Ramaswami Aiyar, Ag.....	
Cocanada Division.....	S. Narasimha Nayudu.....	100	Tirupattur.....	P. Venkateswara Aiyar (on dep.).....	100
Cocanada Town.....	N. Venkayya.....	70		S. Nageswami Aiyar, Ag.....	
Pittapur.....	G. Subbarayudu.....	100	Nellacottah.....	C. Chokalingam Pillai, Ag.....	70
Tuni.....	K. Sriyanarayana.....	100		S. Venkatarama Aiyar.....	70
Prattipadu.....	V. Appaswami Nayudu.....	70	Vedasundoor.....	P. Rangaswami Aiyar.....	70
Chintalapudi.....	P. Subbarayudu.....	70	Uttampolem.....	K. M. Samayyavar, (on dep.).....	100
Sivakota.....	A. Krishnam Raju.....	70	Kodalanal Hills.....	M. Sakuntha Ram Nayudu, Sub pro tem.....	
Kotapeta.....	D. Venkataratnam.....	70			
KISTNA.			MAHARASH.		
Vissannapeta.....	G. Nagaswami Rao Pantulu, Ag.....	100	Cannanore.....	K. Govindan.....	100
Nazvid.....	P. Venkatanarasimha Rao Pantulu.....	70	Anjengo.....	David Kuriyan.....	70
Juggiapetta.....	T. Vasudeva Marthi Pantulu.....	70	Taliperamba.....	K. Ramas.....	70
Ponhur.....	M. Nagaswami (on dep.).....	70	Kuthuparambo.....	I. Govindan.....	70
	D. Venkateswara Rao, Ag.....		Quilandy.....	C. Karuna Karan.....	70
Mangligeri.....	G. Nagaswami Rao Pantulu.....	70	Calicut Town.....	C. Gopalai Nayar.....	70
Tammarakodu.....	V. Parashotham Pantulu.....	70	Tirurangudi.....	M. Konthi Menon.....	70
Keikatur.....	V. Pattabhiramayya.....	70	Betutpathian-gudi.....	K. Swaminatha Aiyar.....	70
Arnivudda.....	K. Mukteswara Rao Pantulu.....	70	Chavalkod.....	K. Manian.....	70
Tenali.....	G. Lakshminatha Rao Pantulu (on dep.).....	70	Cherpalscheri.....	K. E. Subramaniya Aiyar.....	70
	V. Pattabhiramayya Pantulu, Ag.....		Allatur.....	T. C. Shanguni Menon, R.A.....	70
Masulipatam (Bandar Town).....	M. Lakshminatha Rao Pantulu.....	100	Vythiri.....	P. Govindan.....	100
Guntur Town.....	P. Parashotham Pantulu.....	70	Tangacherry.....	A. Nann Menon.....	70
KURNOOL.			NILGIRIS.		
Ow.....	J. Gaudu Rao.....	70	Ootacamund.....	N. Sundaram Aiyar.....	100
Kurnool.....	G. Chengalva Rao Nayudu.....	70	Gudalur.....	K. A. Seetha Aiyar.....	150
Atmakur.....	M. Balakrishna Sahib.....	70	Coonoor.....	T. N. Kothanda Rama Aiyar.....	100
Kalwa.....	D. Subba Rao.....	70			
Pypalli.....	R. Lakshminarasu Pantulu.....	70			
			NELLORE.		
			Venkatagiri.....	M. Ramachandra Rao.....	100
			Nellore Town.....	P. Narasimha Rao.....	70
			Alur.....	M. Narasimha Rao.....	70
			Addanki.....	A. Narasimha Chetty.....	70

Divisions.	Names.	Pay.	Divisions.	Names.	Pay.
NELLORE-continued.			TRICHINOPOLY.		
Polur.....	A. Raghava Rao.....	100	Trichinopoly Town.....	D. Raja Haru Nayudu (on dep.).....	100
Podili.....	K. Lakshminarasu Nayudu.....	100	Laulgudi.....	M. Srinivasa Chariyar.....	100
Darsi.....	C. Rama Rao.....	100	Torriyur.....	T. A. Nagappa Pillai, (on sick leave).....	
Kotah.....	Bagavathachariya Lalai.....	70		C. Theanothayulu Nayudu, Ag.....	
			Manapalai.....	C. Theanothayulu Nayudu (on dep.).....	100
SALEM.				T. Appavu Pillai, Ag.....	
Shervaroy Hills.....	E. A. Smith (on dep.).....	150	Kilapalur.....	T. Sambasivam Pillai.....	70
Salem Town.....	O. Sundara Rao, Ag.....	100			
	S. Venkatasubba Aiyar (on dep.).....	100	VIZAGAPATAM.		
	Mohammad Aziz-ud-din Hussam Sahib, Ag.....		Vizagapatam.....	K. Pedda Kamaraj Pantulu (on dep.).....	150
Paramati.....	T. V. Lokanada Aiyar, B.A., E.I. (on dep.).....	70		P. Sita Rao Pantulu, Sub pro tem.....	
	V. Rangaswami Aiyar, Ag.....		Sarangavaram-cotta.....	P. Krishnaswami Nayudu (on dep.).....	100
Opalur.....	N. Rajinatha Aiyar, (on dep.).....	70		V. Sanyasi Chetti, Ag.....	
	T. V. Lokanada Aiyar, Ag.....		Bindipatam.....	D. A. Raghava Rao Pantulu.....	70
Sankagberry Droog.....	S. Moses Pillai, B.A.....	70	Vizianagaram.....	K. Nagabushna Rao Pantulu.....	100
Yanambedi.....	C. Surappa Chari.....	70			
Denkanikota.....	P. R. Sankara Rao.....	70	Salur.....	V. Jagannatha Rao Pantulu (on dep.).....	100
Raxipar.....	C. Manikka Mudali.....	70		V. V. Subba Rao Pantulu Sub pro tem.....	
Pennagaram.....	E. B. Appu Rao.....	70			
Barur.....	S. V. Arumachalla Aiyar.....	70	Bobbili.....	P. Sita Rao Pantulu (on dep.).....	100
				V. Jagannatha Rao Pantulu Sub pro tem.....	
TANJORE.			Parvatipur.....	K. Narasimha Rao Pantulu.....	100
Tanjore.....	K. Seshu Aiyar, (on leave).....	100	Genapur.....	B. Narayana-murti Pantulu.....	200
	Kolandaswami Pillai, Ag.....		Paleru.....	M. A. De Lacombe.....	100
Kombakonam.....	T. Narayanaswami Aiyar.....	100	Ranghuda.....	B. Venkata Narasu Pantulu (on dep.).....	150
Kodavasil.....	Anantamma Aiyar, Ag.....	100		G. Hanumantha Rao Nayudu, Ag.....	
Vallam.....	A. Ramaswami Aiyar.....	70	Navarangapur.....	M. V. Jagannatha Rao Pantulu.....	100
Tiruvendarmathur.....	Kolandaswami Pillai, (on dep.).....	70			
	T. S. Saminada Aiyar, B.A., Ag.....		Mudikancheri.....	P. Nageswara Rao Pantulu.....	100
Nagapattanam.....	S. Krishna Rao.....	70	Korapat.....	D. Chulapati Rao Pantulu.....	200
Trivalar.....	T. Narayanaswami Aiyar.....	70		Guru Hari Sahib.....	100
Tranquebar.....	Anatha Ramaiyar.....	70	Jeypore.....	P. Venkanna Pantulu.....	100
Vedarani.....	D. Jagannada Pillai.....	70	Potingi.....	G. Sitaranayya Pantulu.....	100
Nedamangalam.....	U. Raghava Chavala.....	70	Palcondah.....	V. V. Subba Rao Pantulu (on dep.).....	100
Aruthangi.....	C. Srinivasa Rao.....	70		K. Kottanna Pantulu, Sub pro tem.....	
Trivadi.....	D. Samidas Pillai.....	70	Askapilli.....	V. Sanyasi Chetti (on dep.).....	70
				C. Serayamurayana Rao, Ag.....	
TINNEVELLY.			Viravilli.....	S. Sanyasi Nayudu.....	70
Kulasagarapattam.....	S. Kumaraswami Pillai.....	100	Gazapatinagara.....	K. Kottanna Pantulu (on dep.).....	70
Palanacottah.....	T. Narasimha Chari.....	70		V. Jagannatham Pantulu Sub pro tem.....	
Villatikolam.....	T. Ponnaswami Pillai.....	70	Chirapipilli.....	C. Somayajulu Pantulu (on dep.).....	70
Tuticorin.....	S. Sundara Aiyar.....	100		T. Ramaswami Pantulu, Ag.....	
Sevalakottam.....	C. Arumogan Pillai.....	100			
Vindipatti.....	Paziruka Perumal Pillai.....	70			
Virtinayirappi.....	N. Jayappa Aiyangar.....	70			
Radapuram.....	P. Lakshmana Pillai.....	70			

The following Executive Staff is employed under the sanction of the Local Government.

No.	NAMES.	Pay.	Allow- ance.	Districts where serving.
EXECUTIVE STAFF.				
SOUTHERN CIRCLE.				
<i>Sub-Assistant Conservators.</i>				
<i>1st Grade (3)—Pay Rs. 200.</i>				
1	Mr. W. Carroll	250	—	N. Arcot.—Ag. Dist. Forest Officer.
2	Charles Eber Hardie	200	—	North Malabar.—Dist. Forest Officer.
3	Vacant	200	—	
<i>2nd Grade (5)—Pay Rs. 150.</i>				
1	Mr. C. P. Howell	150	—	South Arcot.—Ag. 1st Grade Sub <i>pro tem</i> .
2	J. G. J. (on probation)	150	—	Tinnevely.—Ag. Sub <i>pro tem</i> .
3	V. S. Gnanasambam Pillai	150	—	Coimbatore (North).
<i>Probationers (1).</i>				
1	Mr. C. J. Wouters	100	—	Salem.
RANGERS.				
<i>1st Grade (1)—Pay Rs. 125 + 25 Horse Allowance.</i>				
1	Mr. H. O'Neil	125	25	North Arcot.
<i>2nd Grade (4)—Pay Rs. 100 + 25 Horse Allowance.</i>				
1	Mr. S. C. Moss	100	25	Tinnevely.—Ag. Sub <i>pro tem</i> Sub-Assist. Conservator, 2nd Grade.
2	Mr. A. G. Van Haeften	100	25	South Malabar.
3	A. Deshayes Nayudu	100	25	North Arcot.
4	N. Annappa Mudaliar	100	25	Coimbatore (South).
<i>3rd Grade (5)—Pay Rs. 80 + 20 Horse Allowance.</i>				
1	C. N. Lutchmen Rao	80	20	Salem.
2	Mr. W. P. Rao	80	20	South Canara.—Ag. Sub <i>pro tem</i> in the 2nd Grade.
3	N. Subba Aiyar	80	20	Salem.
4	C. M. Madhavan Pillai	80	20	Trichinopoly.
5	T. Ravi Rao	80	20	Salem.
<i>4th Grade (6)—Pay Rs. 60 + 15 Horse Allowance.</i>				
1	A. S. Mariaprasadam Pillai	60	15	Coimbatore (South).
2	M. Shamasuddin Sahib	60	15	Salem.
3	T. Narayanaswami Aiyar	60	15	Coimbatore (North).
4	Mr. N. M. Rego	60	15	Chingleput.—Ag. Sub <i>pro tem</i> in the 3rd Grade.
5	G. R. Middleton	60	15	South Arcot.
6	R. S. Bower	60	15	North Arcot.
<i>5th Grade (17)—Pay Rs. 50 + 15 Horse Allowance.</i>				
1	M. Janbunatha Sastri	50	15	Madura.—Ag. in the 4th Grade Sub <i>pro tem</i> .
2	M. M. S. Sorothe	50	15	South Canara.
3	K. Narayanaswami Aiyar	50	15	Trichinopoly.

Executive Staff employed under the sanction of the Local Government—contd.

No.	NAMES.	Pay.	Allow- ance.	Districts where serving.
EXECUTIVE STAFF.				
SOUTHERN CIRCLE—concluded.				
RANGERS.				
<i>3rd Grade (17)—Pay Rs. 50 + 15 Horse Allowance.</i>				
4	Mr. G. W. Thompson	50	15	On duty at the Forest School, Dehra Dun.
5	J. S. Grogan	50	15	Tinnevely.
6	A. V. Chidambaram Aiyar	50	15	Coimbatore (North).
7	V. C. Doraiswami Pillai	50	15	North Arcot.
8	T. Malaya Pillai	50	15	Tinnevely.
9	Mr. A. F. X. Saldanha	50	15	North Malabar.
10	J. Tapp	50	15	South Arcot.
11	A. Strizivasu Chamberlain	50	15	Do.
12	P. Srinappier	50	15	Do.
13	Mr. E. C. M. Mascarenhas	50	15	North Malabar.
14	Vacant	—	—	
15	Vacant	—	—	
16	M. Rama Rao	50	15	On probation.—On duty at the Forest School, Dehra Dun.
17	Mr. H. Kelly	50	15	Madura, on probation.
	M. L. Narayana Sastri	50	15	South Arcot, (on probation).
	C. Subramania Aiyar	50	15	North Arcot do.
	Mr. S. Solomon	50	15	Coimbatore (North).—Ag. Sub <i>pro tem</i> .
NORTHERN CIRCLE.				
SUB-ASST. CONSERVATORS.				
<i>1st Grade (3)—Pay Rs. 200.</i>				
1	Vacant	—	—	
2	Vacant	—	—	
3	Vacant	—	—	
<i>2nd Grade (9)—Pay Rs. 150.</i>				
1	Mr. H. Stafford	150	—	Godavari.
2	T. M. Nallaswami Nadu	150	—	Nilgiris.—Ag. D. P. O., Arantapur.
3	V. Alwar Chetty	150	—	Kistna.
4	Mr. T. N. Hearsey	150	—	Kurnool.
RANGERS.				
<i>1st Grade (2)—Pay Rs. 125 + 25 Horse Allowance.</i>				
1	Mr. H. H. Ward	125	25	Kurnool.
2	T. G. A. Gaudoin	125	25	Cuddapah.
<i>2nd Grade (2)—Pay Rs. 100 + 25 Horse Allowance.</i>				
1	Mr. W. R. Newman	100	25	Ganjam.
2	R. Viswanathan Panthulu	100	25	Godavari.
<i>3rd Grade (1)—Pay Rs. 80 + 20 Horse Allowance.</i>				
1	Mr. M. H. Tweedie	80	20	Kistna.
2	V. P. Ramalingam Pillai	80	20	Nilgiris.
3	Mr. H. J. McLaughlin	80	20	Ganjam.
4	N. S. Veera Charu	80	20	Kurnool.
<i>4th Grade (2)—Pay Rs. 60 + 15 Horse Allowance.</i>				
1	R. Sundaram Pillai	60	15	Nilgiris.
2	Mr. M. Callanan	60	15	Cuddapah.

Executive Staff employed under the sanction of the Local Government—concluded.

NAMES.	Pay.	Allow.	Districts where serving.
	RS.	RS.	
NORTHERN CIRCLE—concluded.			
RANGERS—concluded.			
50. Grade (13).—Pay Rs. 50 + 15 House Allowance.			
1. E. Venkatesh Mudra, (on prob.)	50	15	Nellore
2. N. Nagarajam,	50	15	Vizagapatam.
3. M. Kothavarahan Mudra,	50	15	Bellary.
4. Mr. J. M. Payne,	50	15	Godavari.
5. P. Ananda Rao,	50	15	Kisina.
6. A. Egga Sastri,	50	15	Godavari.
7. A. N. Hanumantha Rao,	50	15	Ganjam.
8. Mr. W. R. McCoy,	50	15	Anantapur.
9. P. Sunder Rao,	50	15	Nilgiris. <i>Under Suspension.</i>
10. C. T. Parthasarathy Naidu,	50	15	Cuddapah.
11. W. Kalyanasami Aiyar,	50	15	On duty at Forest School, Dehra Dun.
12. Mr. E. E. Leipenstein,	50	15	Cuddapah.
C. Venkataraniak,	50	15	Nilgiris—Acting.
E. Egga Narayana Sastri,	50	15	Anantapur, do.
T. Hanumanthulu,	50	15	Bellary.

NOTE.—Forest Rangers draw 80% travelling allowance under Article 1107 (2) and (11), and 1168 (a) of the Civil Service Regulations, 1st Edition, according to class in addition to their Permanent Conveyance Allowance under Article 1481.

For purposes of promotion, in the Controlling Staff there will be one list only, which will include the officers of both Circles.

The head-quarters of District Forest Officers will, unless otherwise ordered, be at the head-quarter station of the district. The two Conservators will have their head-quarters at Madras, but they should arrange to spend some time at Government during the season when Government is there. The Offices of the Conservators of the two Circles will be at Madras, and there will also be at Madras an Examiner of Forest Accounts, by whom the forest accounts of all districts will be examined and reported under the general control of the Accountant-General.

For the Executive Staff there is a separate list for each Circle and promotion is regulated accordingly and not as in the case of the Controlling Staff.

The control of Forest Administration will, until further orders, continue to be vested in the Board of Revenue, and the Conservators will submit reports and other communications to the Board.

Assistant Conservators will be appointed to the third grade, and they will be eligible for promotion by Government successively to the second and first grades on their passing the prescribed examinations and obtaining the needed certificate of qualification from the Conservator.

Promotion will not necessarily be given immediately on passing, or solely in consequence of passing the examinations; the merits and qualifications of each officer will also be taken into consideration.

Examination Rules for Forest Officers.

Extract from the Madras Forest Department Code as modified by recent orders.

(a) Officers of the Superior Staff.

Subject of Examination.—The examinations to be passed by Forest Officers of and above the third grade of Assistant Conservator are the following:—

(1) Language. (2) Law. (3) Land Revenue. (4) Surveying.

The Languages in which examinations are conducted are of two kinds:—

(a) Principal. (b) Optional.

2. Principal Language.—The following statement shows the languages held to be "principal" in the various districts:—

Ganjam ...	Telugu and Uriya.	South Arcot ...	Tamil.
Vizagapatam ...		Trichinopoly ...	
Godavari ...		Madras ...	
Kisina ...		Tanjore ...	
Nellore ...	Telugu.	Tinnevely ...	
Cuddapah ...		Nilgiris ...	
Kannool ...		Coimbatore ...	Tamil and Canarese.
Bellary ...		South Canara ...	Canarese and Tulu.
Anantapur ...	Telugu and Canarese.	Malabar ...	Malayalam.
North Arcot ...			
Chingleput ...	Telugu and Tamil.		
Salem ...			

The Conservator of Forests will decide in each case in which of the principal languages an officer will be required to pass.

3. Optional Languages.—It will also be optional for an officer to pass in Hindustani or in one or more of his other languages or dialects called "optional" spoken in the district in which he is serving, provided that he shall first obtain the recommendation of the Conservator and the sanction of the Board of Revenue, who will decide whether the language in which he proposes to pass is one the acquisition of which will be useful to him and likely to increase his efficiency in the department.

4. Standards of Language Test.—There are two standards of language qualification, viz., the "Lower Standard" and the "Higher Standard," being the same tests as prescribed for covenanted civilians.

5. Lower Standard in Language.—The following are the subjects of examination in languages by the lower standard:—

	MARKS.		
	Detailed Maximum.	Separate Maximum.	Separate Minimum.
1. Conversation	30	50	35
2. { Translation	30	110	65
{ Dictation	30		
{ Reading and explanation of arsis	50		
Total	110	160	100

The officer under examination will be tested in conversation with two or three natives in such manner and to such an extent as shall suffice to satisfy the divisional committee as to the degree of his power of understanding natives of different classes and of making himself understood by them; such conversation or colloquial examination to be confined to subjects connected with the ordinary business of a Forest Office, or of forest out-door work, and not to embrace abstruse or peculiar subjects.

For the Reading tests, at least three papers which he has never seen before, taken from official, usually forest, records very much at hazard and written by different persons in a plain running hand, must be read aloud correctly and without great difficulty, and after having read them aloud, the officer under examination must correctly explain them in English.

For the Translation test, an English paper, on some subject connected with forest work and furnished by the central committee, must be translated into the vernacular without assistance. The translation must be substantially correct in meaning and intelligible to a native, tolerably correct in grammar and spelling, and free from any very bad errors of idiom.

For the Dictation test, the officer under examination must dictate off-hand, with some fluency, the translation into the vernacular of another English paper to be furnished by the central committee, and also on some subject connected with forest work, whereof the translation will be written down exactly as dictated. The dictated paper must, like the translation one, be intelligible and substantially correct.

6. Higher Standard in Language.—The "Higher Standard" of examination is similar in its nature to the "Lower Standard," but more difficult in degree. The reading of a common office running hand must be tolerably performed. The papers selected as tests will also be usually on subjects connected with forest work, but of a more difficult description than for the lower standard; the translation, dictation and conversation should be fluent, generally correct and readily intelligible, and the officer under examination should be tested in his power of explaining himself clearly and with sufficient propriety in the vernacular in an argument on a topic of some difficulty such as may occur in official forest work.

7. *Examination in Law*.—The following are the subjects required for the examination in Law:—

1. The Madras Forest Act, 1882, with such notifications or rules, general or special, which have been made thereunder, and are applicable to the district.
2. The Land Acquisition Act, 1870.
3. The Madras Boundaries Act, 1860.
4. The Easements Act, 1882.
5. The Cattle Trespass Act, 1871.
6. The Penal Code, selected chapters.
 - I. Introduction.
 - II. General Explanation.
 - III. Punishments.
 - IV. General exceptions.
 - V. Abatement.
 - IX. Offences by, or relating to, public servants.
 - X. Contempt of the lawful authority of public servants.
 - XI. False evidence, and offences against public justice.
 - XVII. Offences against property.
 - XVIII. Offences relating to servants and to trade and property marks.
 - XXIII. Attempt to commit offence.

In the examination, which will be supervised by the divisional committees, simple questions will be framed by the Board of Examiners on such a subject as not to involve points of difficulty, but rather to show the possession or want of a general and intelligent acquaintance with the Acts and their bearing on forest work. Two papers will usually be given, and the officer under examination will be expected to answer the questions without book.

8. *Examination in Revenue*.—The examination in Revenue will bear on the following subjects:—

Standing Orders of the Board of Revenue, 1 to 49, 175 to 181, 277 to 285.

Two papers will be prepared by the Board of Examiners and sent to the divisional committee to be set. They should not contain difficult questions, and should be prepared so as to refer chiefly to subjects in which the local revenue and land tenures of the district or districts are chiefly connected with forest work.

9. *Standards of Surveying Test*.—There will be two standards of qualification in surveying—the "Lower Standard" and the "Higher Standard."

10. *Lower Standard in Surveying*.—Candidates for this standard will be deputed to do duty with a Survey Party for not less than 3 months, during which they will undergo a course of practical training in much process of the work as may be considered necessary. On being reported qualified they will receive a certificate to that effect, signed by the Deputy Superintendent of the Party, who, before granting it, will satisfy himself that their qualification is thorough. They should be able to converse with the prismatic compass and chain, to plot bearings, distances and offsets to fill in the topographical features by means of the plane table and chain, and to level.

11. *Higher Standard in Surveying*.—The examination by the "Higher Standard" will comprise the following subjects:—

In the Field

1. Survey with the chain only.
2. Survey with prismatic compass and chain and plot by angles and distances.
3. Traverse with chain and circular protractor.
4. Traverse with theodolite, chain and clinometer.
5. Connection of traverses with trigonometrical stations.
6. Triangulation.
7. Survey with plane-table and chain.
8. Survey of hilly ground with plane-table (to include the fixing of ridges and streams) and the production of an intelligible map.

In Office

1. Reducing and enlarging a map by square and triangles.
2. Use of the pantograph.
3. Use of the planimeter.
4. Methods of calculating areas roughly.
5. Computation of traverses.
6. Reduction of distances from clinometer readings.
7. Drawing up a chart from numerical data.

The examination will be conducted by the Superintendent of the Madras Survey Department on the request of the Board of Revenue, whose permission is necessary before officers, who wish to present themselves, can do so. The certificate, if granted, will be forwarded to the Conservator of Forests. This examination is not, however, compulsory on any officer.

* *Note*.—The Survey Test rules are under revision.

Forest officers who have obtained the higher standard certificate in the manner above prescribed will receive an allowance of Rs. 500.

12. *Tests and Qualifications for Promotion to 2nd Grade Assistant Conservator*.—The tests and qualifications required for the promotion of an Assistant Conservator of Forests to the second grade are as follows:—

- I. The lower standard in a principal language of his district (see paragraph 5).
- II. A certificate from the Conservator of Forests that he is competent to hold charge of a Forest Range.

13. *Tests and Qualifications for Promotion to 1st Grade Assistant Conservator*.—The tests and qualifications required for the promotion of an Assistant Conservator of Forests to the first grade are as follows:—

- I. The higher standard in a principal language of his district (paragraph 6) or the lower standard in a second language, which is also "Principal" in the Presidency and subject to the sanction of the Board of Revenue.
- II. The examination in Law (paragraph 7).
- III. The examination in Revenue (paragraph 8).
- IV. A certificate from the Conservator of Forests that he is competent to hold charge of a Forest district; and that he has made himself sufficiently acquainted with the trees and shrubs of his district and the Forest Code of organization and account.

Should the Conservator consider it necessary, he may satisfy himself that the officer possesses the latter qualifications by means of examination, written or oral.

14. *Form of Certificate to be given by the Conservator*.—The certificates of qualification for promotion to the 2nd and 1st grades of Assistant Conservators to be granted by the Conservator, shall be in the following form:—

(1) I certify that Mr. A. B., Assistant Conservator of Forests of the ^{3rd}/_{2nd} grade, has passed the examination prescribed for promotion to the ^{2nd}/_{1st} grade; viz., in the language, by the ^{2nd}/_{1st} standard and in Law and Revenue, and is sufficiently acquainted with the trees and shrubs in the district in which he has served and with the provisions of the Forest Code of organization and account.

(2) I certify that I consider Mr. A. B., Assistant Conservator of Forests of the ^{3rd}/_{2nd} grade, to be fully competent to hold charge of a ^{Forest range}/_{Forest district}.

(Date) (Signature) Conservator of Forests—Circle.

The Conservator of Forests may grant the second of these certificates as soon as he considers an officer fit to hold charge of a Forest Range (or a Forest district), even though such officer may not then have passed in the vernacular, or other matters required of him.

15. *Assistant Conservators not specially appointed in England, to pass in surveying*.—Assistant Conservators of Forests of the 3rd or 2nd grade, who have not been specially appointed by Her Majesty's Secretary of State for India, will, in addition to the examinations prescribed by paragraphs 12 and 13, have to pass an examination in surveying by the lower standard (paragraph 10) before promotion to the 2nd or 1st grade, as the case may be.

16. *Allowances for passing in the Vernacular Languages*.—No reward will be granted to an officer of the Forest Department for passing an examination in a vernacular language in which it was necessary for him to pass, in order to qualify for promotion under paragraph 12 or 13.

For passing in Hindustani or in any other "optional" language, under the sanction of the Board of Revenue, as provided in paragraph 3, such allowance or reward shall be given as may be specially sanctioned by Government, or hereafter ordered by them in special or general rules.

17. *Examination Leave*.—To enable officers holding the substantive appointment of Assistant Conservator of Forests to qualify themselves for passing the examinations prescribed in paragraphs 12 and 13, examination leave for two periods of three months each may be granted to them, at such times as may be found convenient by Government, provided that the second period of three months shall not be given in the case of an officer who has not qualified for promotion to the 2nd grade of Assistant Conservator. Such examination leave may, if the test for which it has been granted is successfully passed, either during the leave or within 3 months after its expiry, count as duty qualifying for privilege leave and pension.

This examination leave may only be taken in India. It may not be granted previously to, or in continuation of, any other leave, excepting that privilege leave or leave on medical certificate may be taken in continuation of examination leave.

An officer who fails to pass the test for which examination leave has been granted can, under no circumstances, be granted such leave a second time for the same test.

An officer on examination leave has a lien on his appointment (substantive or officiating), and is entitled to leave allowances as if he were on privilege leave.

(6) Officers of the Subordinate Establishment.

18. *Subjects of Examination.*—The examinations to be passed by officers of the subordinate staff are—

1. Language Test. 2. Surveying Test. 3. Departmental Test.

The Language test may either be in English or the vernacular, and is intended only for unpassed men who joined the Department before the 1st December 1889, the date on which the examination rules contained in this Code came into effect. It is not required from officers who have passed the Middle School Examination in the 1st class, from graduates or holders of the F.A. certificates of the Madras or other Indian University, or from Matriculates of that University who have also passed the Handwriting test or passed in Branch VIII. of the Middle School Examination and obtained not less than 50 per cent. of the marks assigned therein to "Superior penmanship."

19. Under the general orders of Government, no person who has not qualified under Board's Standing Order No. 250, by passing the Middle School Examination in the 1st class or its recognized equivalent, is eligible for appointment to any post in the permanent establishment of the Department, the salary of which is Rs. 15 or more.

20. *Language Test.*—The following is the test for Language examination:—

- I. Reading fairly, and translating with accuracy, an original native letter or report of moderate length and difficulty in the language of the district.
- II. Dictating an order.
- III. Rendering into English a vernacular report read out.
- IV. Conversing with the Examiner, or with natives of India on subjects likely to occur in the performance of professional duty, in the transaction of ordinary business or in the course of every-day life. If the candidate prove his ability to comprehend readily all that is said to him and to make himself fairly intelligible, more should not be required of him.

Hindus and Mahomedans not being Matriculates, or passed Middle School Examination in the first class, must pass the test in English. The examination will be conducted under the control of the Collector.

21. *Survey Test.*—In Surveying the qualification required is that prescribed in para. 10 for the Lower Standard.

With the permission of the Board of Revenue, which should be obtained through the Conservator of Forests, Sub-Assistant Conservators may present themselves for examination by the Higher Standard (para. 11), and on passing will be granted an allowance of Rs. 250, subject to the condition that the survey work is practically learnt in the field.

22. *Departmental Test.*—The Departmental test will be in the following subjects:—

- (a) The keeping of forest accounts and returns.
- (b) The Forest Act and Rules of the district.
- (c) Acquaintance with the timber trees and important forest products of the district and their qualities and uses.
- (d) The timber trade and consumption of timber, fuel, and other important produce in the district and surrounding country, with the system of extraction and rates of labor, including the management of elephants.
- (e) The general management of forests and plantations, and the duties of the forest staff in protection. The system used to protect forest from fire; the demarcation of reserved forests and the construction of forest roads and forest houses.

The examination will be by written papers to be drawn up by the Conservator of Forests, who will either hold the examination himself or send the papers to the Collector to be set to the candidate. The answers of the candidate will then be returned to the Conservator, who will decide on the result, and, if the candidate has passed, notify the same in the *First St. George Gazette*. The paper set should not be of too difficult a character, but should be generally suitable to the intelligence of subordinate officers, refer chiefly to the works and conditions peculiar to the district, and embrace as wide a field of forest knowledge as possible.

The examination will annually be held in the first week in each half-year, that is, in the first week of January and July, and District Forest officers should arrange to give at least a month's notice to the Conservator of the intention of any officer to appear.

No application to appear for examination should be submitted for the Conservator's sanction unless the District Forest officer has satisfied himself that the candidate has a reasonable expectation of passing.

23. *First Appointment as Forester.*—In first appointments to the class of "Forester," the following certificates are necessary:—

- (1) That the candidate is not over 25 years of age.
- (2) That he is either—
 - (i) a graduate of the Madras or other Indian University; or
 - (ii) holds the F.A. certificate of such University; or

- (iii) has passed the Matriculation examination and Handwriting test; or in Branch VIII. of the Middle School Examination obtaining not less than 50 per cent. of the marks assigned therein to Superior penmanship; or,

- (iv) holds the first-class certificate of the Middle School Examination.

(3) The prescribed medical certificate of physical fitness.

The Conservator may, however, in special cases, promote deserving forest guards to the class of Forester, but must report each such appointment for the sanction of Government. Candidates who have not submitted certificate No. 2, may also be appointed, provided that they submit it within a period of probation to be fixed by the Conservator.

24. *First Appointments to Forest Ranger.*—First appointments to the class of Forest Ranger will ordinarily be made only by the promotion of "Foresters" who have obtained the certificate of the Dehra Dún Forest School, or who have passed the examinations prescribed in paragraph 18.

But the Conservator of Forests may appoint Forest Rangers direct, provided that—

- (i) They can produce the certificates required by paragraph 23.

- (ii) They are considered on probation until they have passed the test in surveying and the departmental tests required by paragraphs 21 and 22. The time of such probation will be fixed in each case by the Conservator of Forests.

NOTE.—In supersession of the above, the following rule will come into effect on the 1st April 1890:—

"No person shall be appointed a Forest Ranger who has not either (1) obtained a Ranger's certificate at the Dehra Dún Forest School and completed two years' approved service in the Forest Department; or (2) obtained a Forester's certificate at the Dehra Dún Forest School and completed 5 years' approved service in the Forest Department. The approved service required in each case may be rendered either before or after or partly before and partly after the obtaining of the certificate."

25. *Promotion to Sub-Assistant Conservator.*—Five years' approved forest service and the obtaining of a Ranger's certificate at the Dehra Dún Forest School are necessary to render an officer eligible for promotion to the class of Sub-Assistant Conservator.

26. *Tests required of Candidates for Office Appointments.*—The following is a table of the several tests required of candidates for admission to the office establishments of the department:—

Offices.	Middle School Examination in the First Class.	Account Test, Special Test VI.	Translation Test, Lower Grade, Special Test, VII-B.	Precis-Writing, Higher Grade, Special Test, VIII-A.
Conservators of Forests.	All employees in appointments of the value of Rs. 15 and upwards on permanent establishments.	Accountants on Rs. 40 and upwards, the test in Book-keeping only.	Manager, Head Clerk.	Manager, Head Clerk, Referencer.
District Forest Officer.	Do. do.	Head Clerk and Accountants on Rs. 30 and upwards, the test in Book-keeping only.	Head Clerk.	.....
Examiner of Forest Accounts.	Do. do.	Manager and Accountants on Rs. 40 and upwards, the full test. Accountants on less than Rs. 40, the test in Book-keeping only.	Manager, Head Clerk.	Manager, Accountants on Rs. 50 and upwards, Head Clerk, Referencer.

Graduates are exempt from passing the Precise-writing and Translation tests.

GRADATION LIST OF THE ENGINEER ESTABLISHMENT OF THE DEPARTMENT PUBLIC WORKS ATTACHED TO THE MADRAS PRESIDENCY.

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DEPARTMENT OF PUBLIC WORKS.

[PART III.]

CIVIL.]

DEPARTMENT OF PUBLIC WORKS.

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Paid in Surveying and Civil Engineering.	Initials	Names.	Regiments.	Date of first Appointment.	Date of present Appointment.	Circle, Division or Office in which employed.	REMARKS.
EXECUTIVE BRANCH.							
Chief Engineer, First Class. (1)							
8 & C E	Tte	Col. J. O. Unsted	Royal Engrs.	30 Jan. 1856	8 Sep. 1856	Chief Engr. and Secy. Furlough for 22 months, from 12th Oct. 1855. to Govt., P. W. D., Genl. & Buildings & Roads Branches.	
	Tte	Mr. G. T. W. Nich, M.I.C.E.	do	27 Feb. 56	23 Mar. 59	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Mr. G. T. Vatch, M.I.C.E.	do	27 Feb. 56	23 Mar. 59	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	HP, in T T	Lieut. Colonel R. R. E. Drake, M.I.C.E.	Royal Engrs.	5 Dec. 64	23 Mar. 65	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
Chief Engineer, Second Class. (1)							
	Tte	Mr. G. T. Vatch, M.I.C.E.	do	27 Feb. 56	23 Mar. 59	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	HP, in T T	Lieut. Colonel R. R. E. Drake, M.I.C.E.	Royal Engrs.	5 Dec. 64	23 Mar. 65	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
Superintending Engineers, First Class. (2)							
	A k	Colonel W. H. Burton	Royal Engrs.	May 58	April 58	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	q'	Lieut. Colonel J. Pennycuik	Royal Engrs.	4 April 62	1 April 62	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	T	Colonel H. M. V. Hart	Royal Engrs.	13 Sept. 61	8 June 61	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	te	Lieut. Colonel J. C. Smith	do	13 Sept. 61	8 June 61	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
Superintending Engineers, Second Class. (2)							
	te	Lieut. Col. C. Bowen	Royal Engrs.	1 July 64	8 June 64	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	HP, in T T	Lieut. Colonel R. R. E. Drake, M.I.C.E.	Royal Engrs.	6 Dec. 64	23 Mar. 65	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Major D. McNail Campbell	do	8 April 65	1 Jan. 65	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	T T	Colonel H. Smallley	do	15 July 65	19 Nov. 65	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
Superintending Engineers, Third Class. (2)							
	T H	Lt. Colonel A. C. Smith	Royal Engrs.	13 Sep. 64	29 Sep. 64	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Mr. H. Irwin, C.I.E., M.I.C.E.	do	23 July 65	29 Sep. 65	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
		Mr. J. H. H. H. H.	do	31 July 66	30 Oct. 66	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
Executive Engineers, First Grade. (12)							
	T	Mr. J. M. Bell, M.I.C.E.	do	22 Dec. 67	1 Apr. 88	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Major D. McNail Campbell	Royal Engrs.	13 Mar. 68	29 Sep. 68	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	HS, in C.	Lieut. Col. S. C. Clarke	do	28 Oct. 68	1 Jan. 69	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Lieut. Col. A. T. Fraser	do	21 Mar. 69	1 Jan. 69	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	T	Mr. J. D. Grant, M.I.C.E.	do	23 July 69	1 Apr. 89	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	W. Hughes, B.A., M.I.C.E.	do	23 July 69	1 Apr. 89	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	J. C. Larnelle, M.I.C.E.	do	23 Dec. 67	8 June 88	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	J. W. Martin	do	23 Dec. 67	8 June 88	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	C. J. Peters	do	26 July 67	12 Oct. 67	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Colonel H. Smallley	Royal Engrs.	15 July 69	1 Apr. 89	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Colonel Ross Thompson	do	17 Aug. 69	1 Apr. 89	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Mr. G. D. Wybrow, M.I.C.E.	do	23 July 69	1 Apr. 89	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	C. A. B. Torgel	do	16 Oct. 68	1 Jan. 69	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Major A. W. Smart	Royal Engrs.	14 Mar. 71	29 Sep. 64	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
Executive Engineers, Second Grade. (11)							
	T L S	Captain W. L. C. Baddeley	Royal Engrs.	23 July 74	1 Apr. 89	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	
	Tte	Major O. V. Boddy	do	Jan. 73	3 June 87	do. Chief Engr. Irrigation Branch. Secy. to Govt., P. W. D.	

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Graduation List of the Engineer Establishment, &c., &c.—Continued.

Passed in Surveying and Civil Engineering.	Legal Attainments.	NAMES.	Regiments.	Date of first Appointment to the Department.	Date of present Ap- pointment.	Circle, Division or Office in which employed.	REMARKS.
Executive Engineers, Second Grade.—Contd.							
S & C E (Sample) T L.S. Te H	T	Mr. W. C. de Mourao, A.M.I.C.E.		1 Oct. 1874	29 Sep. 1889	Presidency Division ... Sub pro tem.	
	Te	W. B. de Vinton		1 Oct.	74 29 Sep.	89 Presidency Division	
	Te	Major A. R. F. Deeward, D.S.O. Royal Engrs.		22 Aug.	71 18 June	86	Furlough for 24 months, from 27th April 1888.
	(Sample) T L.S. Te H	Mr. A. H. Gurnell		1 Oct.	74 1 April	89 Tanjore Division	Substantive pro tem.
		" J. Grimes, A.M.I.C.E.		16 June	61 24 Mar.	87	Leave 24 months, from 1st October 1889.
		Major C. B. Henderson	Royal Engrs.	Jan.	73 8 June	88	Allowed to count towards furlough a period of 1 year for furlough duty. Leave 12 months, from 1st December 1889.
	Te	Major L. Langley	Royal Engrs.	Jan.	73 12 Oct.	88 Kistna Eastern Divn.	
	T	Mr. C. H. T. Norfor		30 Aug.	70 3 Mar.	89 Negapatam Division.	
	L.S.	Major C. C. Rawson	Royal Engrs.	13 June	71 6 June	86 North Arcot Division.	
	H	Mr. J. H. Troop		8 Oct.	71 1 Jan.	85	Sub pro tem.—Temply transferred to Madras. Leave 12 months, from 3rd May 1889.
Executive Engineers Third Grade.—(12).							
Te T H Te H	T	Mr. C. H. P. Burthou		1 Oct.	76 12 Oct.	88 Chingleput Division.	Substantive pro tem
	T	Mr. G. P. Barless, A.M.I.C.E.		6 Feb.	76 12 Mar.	89 No. 2 Periyar Division.	Substantive pro tem.
	H	Mr. J. P. Davidson, A.M.I.C.E.		1 Oct.	74 29 April	86	Furlough for 15 months, from 24th Nov. 1888
	Te	J. C. Johnston, A.M.I.C.E.		11 Feb.	78 18 June	86 Kurnool Division	
	H	A. Joyce		Oct.	74 5 June	86 No. 1 Party Tank Resto- ration Scheme	
	Te	W. C. Lewis, A.M.I.C.E.		1 Oct.	76 29 Sep.	89 Godavari Central	Substantive pro tem.
	T	Mr. J. E. Paul		1 Oct.	76 29 Sep.	89 Kistna Western Divn.	
		A. S. Russell		1 Oct.	76 12 Oct.	88 Tungabhadra Project.	In charge of Ballary Division also.
	Te	C. M. Smith		1 Oct.	75 4 Oct.	87 Godavari Eastern Divn. [Ballary.	
		S. Subbarayacharyar, B.C.E.		2 May	65 3 March	89 Cuddapah Division	
	C	A. B. Todd, A.M.I.C.E.		1 Oct.	76 12 Oct.	88 Guduvada Division	Sub pro tem.

Te	Mr. J. Traill.....	1 Oct.	74 24 Mar.	87 Vizagapatam Divn	Granted 12 months' extra service for famine duty.	
T	" H. S. Taylor.....	1 Oct.	75 12 Oct.	88 No. 1 Periyar Project Divn.	Services placed at the disposal of Govt. of India	
Te	" C. Vincent, A.M.I.C.E.....	1 Oct.	74 1 July	86	Temply transferred to Madras.	
H.	" C. J. K. Watson, A.M.I.C.E.....	Oct.	74 Dec.	87 No. 8 and 6 Parties T. E. S.		
Executive Engineers, Fourth Grade. (5)						
T	" H. E. G. Evans, A.M.I.C.E.....	1 Oct.	15 3 Mar.	89	Leave 26 months, from 23rd March 1888.	
Te	" W. Jupp.....	1 Oct.	71 1 Sep.	89 Trichinopoly Division.	Substantive pro tem.	
Te	" G. E. Lambert, A.M.I.C.E.....	1 Oct.	77 29 Sep.	89 Coimbatore Division	do.	
T	" G. E. Marston.....	1 Oct.	77 4 Oct.	87 Tinnevely Division	do.	
Te	" B. H. Young, A.M.I.C.E.....	1 Oct.	77 4 Dec.	89 Godavari Western Divn	do.	
Te.	" H. E. Clerk.....	23 Sep.	80 1 Apr.	88 Jy. Asst. to Chief Engr. for Irrign. and Under- Secy. to Govt., P.W.D.	Temp. rank.	
Te	" A. M. Ford, A.M.I.C.E.....	23 Sep.	79 11 Mar.	89 Nagapattam Divn.	do.	
	" S. Gopala Krishna Aiyar, Ret. Bahadur, B.C.E.	15 Sep.	80 1 Sep.	89 Nagapattam Divn.	do.	
T.H. L.S. Te Te Te te Te	Captain H. P. Lindley.....	Royal Engrs.	23 Feb.	84 1 Jan.	89 South Arcot Division	do.
	Mr. A. T. Mackenzie.....		3 Sep.	81 19 Nov.	89 No. 1 Periyar Division.	do.
	J. H. Madhock.....		23 Sep.	81 1 Oct.	88 Kishikudya Division.	do.
	H. H. O'Connell.....		23 Sep.	78 24 Nov.	88 Nellore Division	do.
	J. F. Somers-Fre.....		1 Oct.	82 4 Dec.	89 Kishikudya Division	do.
	J. J. Whitley, A.M.I.C.E.....		23 Sep.	81 5 Sep.	88 Tanjore Division	do.
Assistant Engineers, First Grade. (32)						
H.S. Te, T, Te	" P. R. Allen.....	1 Oct.	82 29 Apr.	89 Nilgiri Division.		
T	" F. W. Ashpitel, A.M.I.C.E.....	1 Oct.	82 9 Jan.	89 North Arcot Division.		
Te	" H. E. Clerk.....	23 Sep.	80 1 Jan.	85 Jy. Asst. to Chief Engr. for Irrign. & Under- Secy. to Govt., P. W. D., Irrign. Branch.	Exec. Engr., 4th Grade, Temp. rank.	
Te T T T.H.L.S. Te te	Lieut. W. M. Ellis.....	Royal Engrs.	26 Jan.	84 13 June	88 Presidency Division.	
	Mr. A. M. Ford, A.M.I.C.E.....		23 Sep.	79 1 Jan.	85 Ganjam Division	Exec. Engr., 4th Grade, Temp. rank.
	" S. Gopala Krishna Aiyar, B.C.E., Ret. Bahadur		16 Sep.	80 1 Jan.	85 Negapatam Division	Exec. Engr., 4th Grade, Temp. rank.
	" G. F. Handcock.....		23 Sep.	81 19 May		Leave 21 months, from 14th April 1889.
	" A. M. Hayes.....		26 Sep.	79 1 Oct.		Leave 15 months, from 1st February 1889.
	" J. Inglis.....		1 Oct.	82 7 Apr.	86 Godavari Eastern Divn	
	Capt. W. D. Lindley.....	Royal Engrs.	23 Feb.	84 23 Feb.	85 South Arcot Division	Exec. Engr., 4th Grade, Temp. rank.
	Mr. M. Loun.....		24 Aug.	86 20 Nov.	89 Vizagapatam Division	Sub pro tem.

Assistant Engineers, Second and Third Grades. (7)
Second Grade.

Second Grade.

Assistant Engineer, Third Grade

LIST OF OFFICERS OF P. W. D. RAILWAY BRANCH CONSULTING ENGINEERS FOR RAILWAYS.

7c	Col. C. J. Smith	19 Jan.	53 14 Aug.	85 Consulting Engr. and (Permanent Suppy.) on Govt. of India Ry. Joint Secy. to Govt., Establt. List. P.W.D. Ry. Branch.
H	Colonel K. A. Jopp	Jan.	69	May 80 Dy. Const. Engr. for Ry. Govt. of India Ry. Establt. List. Asst. Secy. to Govt. P.W.D. Ry. Branch.
18	Lieut. A. D. G. Shelley	Jan.	84	Apr. 86 Officer or Consig. Engr. for Railways.

Executive Engineer, First Grade.

Executive Engineer, Second Grade.

ACCOUNTS BRANCH.

Examiners.

T	Major C. H. P. Christie	23 Feb.	69 20 Sep.	86 Exr. 3rd Class, P. W. Accounts
.....	Mr. F. Morrison	Dec.	06	5 June 80 Exr. 2nd Class Temp. rank
HS.	Major J. S. Biscoe	28 May	72	7 May 86 Exr. 4th class, 1st Gr. Accounts

Deputy Examiners.

H	Mr. A. C. Newcombe	14.	74	Aug. 86 Exr. 4th class, 3rd Gr. Accounts
18.	H. Rainer	5 Apr.	76	5 June 80 Exr. 1st Class, 3rd Gr. Temp. rank
	H. A. D. Wether	14.	79	15 Dec. 86 Exr. 1st Grade Accounts

Assistant Examiners.

	Mr. C. C. Swetenham	1 Apr.	74 10 Aug.	88 Asst. Examiner, P. W. Accounts
	J. D. L. Calder	5 Feb.	06	2 Oct. 82 Do.
	M. H. Gaynor			

DISTRIBUTION LIST OF THE ENGINEER AND ACCOUNTS ESTABLISHMENT OF THE P. W. DEPARTMENT OF THE MADRAS PRESIDENCY.

NAMES.	Departmental Rank.	Remarks.
Public Works Secretariat.		
Mr. G. T. Welch, M.I.C.E.	Chief Engr., 1st Class	Ag. Chief Engr. for Irrigation and Acting Secy. to Govt., P. W. D.
Lieut.-Col. R. R. E. Drake-Brockman	Chief Engr., 2nd Class	Ag. Chief Engr. General Buildings and Roads Branch and Actg. Joint Secy. to Govt., P. W. D.
Captain W. L. C. Baddley, R. E.	Exec. Engr., 2nd Grade	Deputy Chief Engr. and Under Secy. to Govt., P. W. D., General and Buildings and Roads Branches.
Mr. H. E. Clerk	Exec. Engr., 4th Grade	Asst. to Chief Engr. and Under Secy. to Govt., P. W. D., Irrigation Branch.

Examiner of Public Works Accounts.

Major C. B. P. Christie, R. E.	Examiner, 3rd Class	
Mr. H. Rainer	Exmr., 4th Class, 3rd Gr.	Temporary rank.
C. C. Swetenham	A. E. Asst. Exmr., 1st Grade	
J. D. L. Calder	A. Hony. Asst. Examiner	
M. H. Gaynor	A. do	
S. V. Balayya Nayudu	A. Acct.	2nd Grade
Mr. J. Conquest, B.A.	A. do	2nd do
C. Manayala Nayudu	A. do	2nd do
Mr. J. W. Bowie	do	3rd do
E. T. Boyton	do	3rd do
W. A. Long	do	3rd do
B. Narasinga Rau	A. do	3rd do
Mr. L. Taylor	do	3rd do
M. Tyagesa Mudaliyar	do	3rd do
K. Desikachari	do	4th do
Mr. D. M. Dumphy	do	4th do
P. Gnanamutta Pillai	do	4th do
E. C. Guruswami Pillai	do	4th do
K. Jagannatham Pantulu	do	4th do
A. Krishnaswami Rau	do	4th do
T. Narayanaswami Pillai	do	4th do
A. Rangai Rau	do	4th do
Mr. D. W. G. Clerk	do	5th do
B. Raghavendra Rau	do	5th do
V. S. Raja Gopalachariyar	do	5th do
M. Venkataramana Rau	do	5th do
G. R. Krishna Rau	do	5th do
R. Krishnaswami Chetti	do	5th do
Mr. A. Lazarus	do	5th do
G. Pereira	do	5th do
V. K. Rama Mudaliyar	do	5th do
Mr. J. D'Silva	do	5th do
T. Venkatchala Chetti	do	5th do

NAMES.	Departmental Rank.	Remarks.
Consulting Engineer for Railways.		
Col. C. J. Smith, R.E.	Chief Engr., 2nd Class	Consig. Engr. and Joint Secy. to Govt. P.W.D., Ry. Branch.
Colonel K. A. Jopp, R.E.	Exec. Engr. 1st Grade	Dy. Consig. Engr. for Ry. and Under Secy. to Govt. P.W.D., Ry. Branch.
Major Sidney Smith, R.E.	Exec. Engr., 2nd Grade	Dy. Consig. Engr. for Railways.
Lieut. A. D. G. Shelley, R.E.	Asst. Engr., 1st Grade	Office of Consulting Engineer for Railways.

Examiner of Railway Accounts.

Mr. F. Morrison	Engr., 2nd Class	Temporary rank.
H. A. D. Withen	Deputy Exmr., 1st Grade	Trichinopoly.
C. E. Hubbard	Accountant, 1st Grade	Temp. rank.
C. N. Bain Chetti	do 3rd Grade	
N. P. Balachandri Aiyar	do 4th do	Trichinopoly.
Mr. H. Butterfield	do 4th do	
R. T. Manilant	do 4th do	Trichinopoly.
V. Muttuvira Chetti	do 4th do	Trichinopoly.

Consulting Architect Division.

Mr. H. Irwin, A.R.E., A.M.C.E.	Supr. Engr., 3rd Class	Superintendent.
J. H. Stephens	Asst. Engr. 2nd do	Hon. Rank. Sub Engr., 1st Grade, Sub pro tem.
P. Mahony	Sub-Engr., 2nd do	
F. R. deSouza	Accountant 5th do	On probation.

No. 1 CIRCLE.—HEAD QUARTERS, DOWLAISHUDDAM.

Mr. J. D. Grant, A.M.C.E.	Supr. Engineer, 2nd Class	Temporary rank.
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(1) Ganjam Division.

Mr. A. M. Ford, A.M.C.E.	Exec. Engr., 4th Grade	Temporary rank.
S. Venkataratnam Pillai, B.C.E.	Sub-Engr., 3rd do	
Mr. J. C. Denny	Supervisor, 1st Grade	
S. Raghava Aiyangar	do 2nd do	On leave.
C. E. Chinmayami Aiyangar, B.C.E.	do 2nd do	
C. Ramanna Pandit	Overseer, 1st Grade	
P. Ranganayya Pandit	do 1st do	Temp. rank.
D. Muthurajappa Pillai	do 2nd do	
P. Narasimha Rao	do 2nd do	
B. V. Narayana Aiyar, B.C.E.	do 2nd do	Temp. rank.
Mr. P. Perera	Temp. Upper Subordinate	
W. Edwige Mudaliyar	do	
T. Peraya Nayudu	do	
V. Ramakrishnaiah	do	
A. Tharmadai Mudaliyar	do	
T. Prakash Mudaliyar	do	
S. Dadasaibamini Mudaliyar	do	
Mr. H. de Monte	do	
S. Sivagnana Mudaliyar	do	
A. Seshobala Mudaliyar	Accountant, 4th Grade	

Ganjam-Gopalpur Canal.

D. Venkataratnam Pillai	Overseer, 1st Grade	
T. Kanakasabhai Achari	Temp. Upper Subordinate	

(2) Rushikulya Division.

Mr. W. C. deMorgan, A.M.C.E.	Exec. Engr., 2nd Grade	Sub pro tem.
J. H. Medlicott	Exec. Engr., 4th do	Temp. rank.
J. F. Somers-Eve	Exec. Engr., 4th do	Temp. rank.
W. Venkataratnam Nayudu	Sub Engr., 2nd do	Permanent (Supr.)
V. Nityananda Mudaliyar, B.A., B.C.E.	Supervisor, 1st do	
Sergeant J. Alford	Overseer, 1st do	
W. Meslamani Mudaliyar	do 1st do	
Mr. P. Moses	do 2nd do	
S. A. Swaminatha Aiyar, B.A., B.C.E.	do 3rd do	
S. Kodandaramayya Nayudu	Temp. Upper Subordinate	
S. Venkatarayya	Accountant, 5th Grade	On probation.

NAMES.	Departmental Rank.	Remarks.
(3) Vizagapatam Division.		
Mr. J. Traill	Exec. Engr., 3rd Grade	
M. Loan	Asst. Engr., 1st do	Substantiva pro tem.
E. A. French, A.C.E.	Sub Engr., 3rd do	Temp. rank.
J. F. Poweeca	Supervisor, 1st do	
R. Harris	do 2nd do	
A. E. C. Vas	do 2nd do	Temp. rank.
C. H. Marrow	Overseer, 1st do	
L. A. Rangaswami Aiyar	do 1st do	
T. S. Sankara Sastri, A.C.E.	do 2nd do	Temp. rank.
P. Bashyam Nayudu	Accountant, 5th do	

No. VIII Party, T. R. S.

Temp. Upper Subordinate

(4) Godavari Eastern Division.

Mr. B. M. Smith	Exec. Engr., 3rd Grade	
J. Inglis	Asst. Engr., 1st do	
S. B. Murray	do 1st do	
C. W. Trish	Supervisor, 2nd do	
Sergeant J. Brock	Overseer, 1st do	
S. Nitya Pillai	do 2nd do	
V. Subrahmanya Sastri	do 1st do	Temp. rank.
M. P. Narasimha Aiyangar	Temp. Upper Subordinate	
V. Subbarayudu Pantulu	Accountant, 5th Grade	Temp.
Conductor E. W. Bennett	Supervisor, 1st do	
S. Sankara Rao	Accountant, 5th Grade	Dowlashvaram Workshops.

(5) Godavari Western Division.

Mr. B. H. Young, A.M.C.E.	Exec. Engr., 4th Grade	Sub pro tem.
G. Venkataran Pantulu	Sub do 2nd do	Temp. rank.
Mr. J. Kelly	Supervisor, 1st do	Temp. rank.
T. N. Rajaram Rao	Overseer, 2nd do	
S. Venkataratnam	Temp. Upper Subordinate	
T. Kondayya Chetti	Accountant, 5th Grade	

No. VII Party, T. R. S.

G. V. Subrahmanya Aiyar, B.C.E.	Overseer, 3rd Grade	Sub pro tem. Attached to Godavari Western Division.
R. V. Subrahmanya Aiyar, B.C.E.	Temp. Upper Subordinate	Attached to Godavari Western Division.
R. Chakrapani Rao	do	Attached to Godavari Eastern Division.

(6) Godavari Central Division.

Mr. W. C. Lewis, A.M.C.E.	Exec. Engr., 3rd Grade	Sub pro tem.
R. A. Srinivasa Aiyangar, B.A., B.C.E.	Asst. Engr., 1st do	
Mr. J. S. Wilson	do 1st do	
R. Vaidyanatha Aiyar, B.C.E.	Sub Engr., 3rd do	
Sergeant W. Lewis	Overseer, 1st do	
R. Subrahmanya Aiyar	Temp. Upper Subordinate	
C. Brahmarayya	Accountant, 4th Grade	

No. 2 CIRCLE.—HEAD QUARTERS, REZWADA.

Mr. J. Hancock	Supr. Engr., 3rd Class	Sub pro tem.
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(1) Kistna Eastern Division.

Major L. Langley, R. E.	Exec. Engr., 2nd Grade	
Mr. C. Mildred	Asst. Engr., 2nd do	
H. A. Moss	do 1st do	On leave.
W. A. Harbuck, A.C.E., B.C.E.	Sub Engineer 3rd Grade	Services placed at the disposal of the District Board, Kistna, 6th Aug. 1889.
Sergeant F. Hambley, R. E.	Supervisor, 1st do	
Mr. H. N. Joyce	do 2nd do	
P. Donohoe	Overseer, 2nd do	
Mr. Sadr-ud-din Sahib, A.C.E.	do 2nd do	
M. Appanna Nayudu	Temp. Upper Subordinate	
M. A. Jayaram Pillai	Accountant, 4th Grade	

NAMES.	Departmental Rank.	Remarks.
(2) Gudivada Division.		
Mr. A. B. Todd, A.M.I.C.E.	Exec. Engr., 3rd Grade	...
N. Rajagopala Aiyangar, B.C.E.	Supervisor, 1st do	...
T. Ramanujam Pillai	do 2nd do	...
D. Venkataswami Nayudu	Overseer 1st do	...
T. Jayaram Chetti	Accountant, 5th do	...

(3) Kistna Western Division.		
Mr. J. E. Paul	Exec. Engr., 3rd Grade	...
" C. J. Ussher	Asst. Engr., 1st do	...
" C. W. Wood	do 1st do	...
T. Subrahmanya Aiyar, B.A., B.C.E.	Supervisor, 1st do	...
S. Panchayakesa Aiyar	do 2nd do	...
V. Gangayya Sastri	Overseer 2nd do	Temp. rank.
C. Venkataratnam	do 2nd do	Temp. rank.
J. Venkataratnam	Temp. Upper Subordinate	...
M. T. Rangai Ramesan Jeyya	do do	...
K. Venkataraddi Naidu	do do	...
A. Ayodhyaramayya	Accountant, 5th Grade	...

(4) Nellore Division.		
Mr. H. H. O'Connell	Exec. Engr., 4th Grade	Temp. rank.
" C. H. D. Merjoribanks	Asst. Engr., 1st do	...
" S. A. Subrahmanya Aiyar Rai Sahib	do 1st do	...
" H. Phillips	do 1st do	On leave.
" A. C. Pereira	do 1st do	Sub pro tem.
Sergeant E. Cope	Supervisor 1st do	...
Mr. T. C. Fitzgerald	do 1st do	Temp. rank.
Sub-Conductor H. Webb	do 2nd do	Posted to 3rd Circle.
Mr. T. D. Enright	do 2nd do	...
" R. A. Salisbury	do 2nd do	...
" P. Whitbread	do 2nd do	Sub pro tem.
M. Mattavira Pillai	Overseer 2nd do	...
Mr. J. A. Sydenham	do 1st do	Sub pro tem.
A. Venkataranga Rau Nayudu	do 2nd do	On leave.
T. Sahapati Mudaliyar	do 2nd do	Sub pro tem.
C. Singaravelu Mudaliyar	do 2nd do	Temp. rank.
P. Hanumaji Rau	Accountant, 4th do	...

(5) Buckingham Canal Division.		
Mr. J. C. Laminie, A.M.I.C.E.	Exec. Engr., 1st Grade	...
Hony. Lieut. and Asst. Comy. J. A. Power	Asst. Engr., 2nd do	(Supy.)
Conductor J. Lalor	Sub Engr., 1st do	Temp. rank.
Mr. H. M. Bond	Sub Engr., 2nd do	Temp. rank.
V. Krishnaswami Mudaliyar	Overseer 1st do	Temp. rank.
P. Narayanaswami Nayudu	do 2nd do	Temp. rank.
C. Varadarajulu Mudaliyar	Temp. Upper Subordinate	...
M. V. Sambasiva Aiyar	Accountant, 5th Grade	...

No. 3 CIRCLE.—HEAD QUARTERS, BELLARY.

Colonel H. Smalley, R. E. Supp. Engr. 2nd Class Temp. rank.

(1) Bellary Division.

Mr. A. S. Russell	Exec. Engr., 3rd Grade	Tungabhadra Project—1 of the Division.
Hony. Lt. & Dy. Asst Comy. J. Nicholson	Asst. Engr., 1st do	(Supy.)—On leave.
C. Muhammad Qasim Sahib Khan Sahib	do 2nd do	Hony. rank.
Sub Condr. F. Heilig	(A) Sub Engr., 1st do	...
Sergeant A. Temple	do 3rd do	...
Sergeant D. Macintosh, R.E.	Supervisor, 1st do	...
Sub Condr. J. H. Ulyett	do 2nd do	...
T. Mulaswami Mudaliyar	Supervisor 2nd do	...
M. Lalaram Nayakar	Temp. Upper Subordinate	...
C. Rajagopal Mudaliyar	Accountant, 5th Grade	On probation.

NAMES.	Departmental Rank.	Remarks.
(2) Cuddapah Division.		
Mr. S. Subharayachariyar, Rai Bahadur,	B.C.E. Exec. Engr., 3rd Grade	...
" R. Enright	Supervisor 2nd do	...
N. Kumaraswami Achari	Overseer 1st do	...
N. Appadurai Mudaliyar	do 2nd do	...
C. W. Uthappa Pillai	do 2nd do	...
Mr. J. Elliot	Temp. Upper Subordinate	...
R. Kuppuswami Nayudu	Accountant, 4th Grade	Temp.

(3) Kurnool Division		
Mr. J. C. Johnston, A.M.I.C.E.	Exec. Engr., 3rd Grade	...
" N. Ratnasahayapatil Pillai, Rai Sahib,	B.A., B.C.E. Asst. Engr., 1st do	...
Condr. H. Frankland	Sub Engr., 3rd do	...
Sergeant S. Ainley	Supervisor, 1st do	Temp. rank.
Sergt. L. Donaghua	do 2nd do	...
Mr. J. Lawrence	do 2nd do	...
Sergeant B. Huson	Overseer 1st do	...
E. Krishna Aiyar	do 1st do	...
Mr. T. A. Monisse	do 2nd do	...
K. Narasimha Chari	do 3rd do	Sub pro tem.
V. R. Venkataram Aiyar	do 3rd do	Sub pro tem.
Mr. W. P. Clay	Temp. Upper Subordinate	...
P. Venkatarayudu Aiyar	Accountant, 4th Grade	...

Nos. 3 and 6 Parties T. R. 5.

Mr. O. J. K. Watson, A.M.I.C.E.	Exec. Engr., 3rd Grade	...
T. S. Mathuram Sastri	Temp. Upper Subordinate	...
C. Srinivasan Raghunatharri	do	...

No. 4 CIRCLE.—HEAD QUARTERS, COIMBATORE.

Major D. McNeil Campbell, R. E. Supp. Engr., 2nd Class Temp. rank.

(1) Nilgiri Division

Col. Ross Thompson, R.E.	Exec. Engr., 1st Grade	...
Mr. P. E. Allen	Asst. Engr., 1st do	...
Sub-Conductor R. A. Briggs	Sub Engr., 3rd do	...
Mr. J. Mahony	do 3rd do	...
Sergeant R. T. Healy	Supervisor 2nd do	...
Sergeant P. W. Cornwell	Overseer 1st do	...
Mr. C. J. Fennell	Temp. Upper Subordinate	...
P. Subrahmanyam Aiyar	do	...
T. K. Raghavendra Rau	Accountant, 5th do	...

(2) Coimbatore Division.

Mr. J. W. Martin	Exec. Engr., 1st Grade	...
" G. B. Lambert, A.M.I.C.E.	Exec. Engr., 4th do	Temp. rank.
" W. V. Baker	Asst. Engr., 1st do	...
Conductor J. Cormac	Sub Engr., 1st do	Temp. rank.
Sub-Conductor A. C. Lord	Sub Engr., 2nd do	On leave.
Mr. R. A. Schlanha, B.C.E.	Supervisor 1st do	Sub pro tem.
Sergeant B. Slaney	do 2nd do	...
C. Manjamaani Mudaliyar	Overseer 1st do	...
Mr. J. Proudhon	do 1st do	...
C. Murugesu Mudaliyar	do 1st do	Temp. rank.
S. R. Raghavaram Aiyangar, B.C.E.	do 2nd do	...
P. C. Dharmasathi Mudaliyar	do 2nd do	Temp. rank.
" C. Dharmasathi Mudaliyar	Temp. Upper Subordinate	...
" C. Dharmasathi Mudaliyar	do	...
" C. Dharmasathi Mudaliyar	do	...
" C. Dharmasathi Mudaliyar	do	...
" C. Dharmasathi Mudaliyar	Accountant, 4th Grade	...

NAMES.	Departmental Rank.	Remarks.
No. 4 Party T. R. S.		
Mr. J. M. Bell, M.I.C.E.	Exec. Engr., 1st Grade	Sub <i>pro tem.</i> —In charge of No. 5 Party, T. R. S.
V. S. Vaidyanatha Mudaliyar	Overseer 3rd Grade	

(3) West Coast Division.

Lieut.-Col. A. T. Fraser, R. E.	Exec. Engr., 1st Grade	
Conductor J. Kelly	Sub Engr., 2nd do	Temp. rank.
Sub-Conductor T. B. Smith	Supervisor 1st do	
Mr. H. S. Lazarus	do 2nd do	
" J. Pereira	Overseer 1st do	
" S. B. Dellebello	do 1st do	
" E. S. Noronha	do 2nd do	
S. Bhagyanatha Pillai	Accountant, 5th Grade	

No. 5 CIRCLE.—HEAD QUARTERS, MADRAS.

Colonel W. H. Burton, R. E.	Supr. Engr., 1st Class	Sub <i>pro tem.</i>
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(1) North Arcot Division.

Major C. C. Rawson, R.E.	Exec. Engr., 2nd Grade	
Mr. F. W. Ashpitel, A.M.I.C.E.	Asst. Engr., 1st do	
Hony. Capt. and Depy. Comy. W. C. S. West	do 1st Grade	(Supy.)—On leave.
Sub-Conductor R. W. Ward	Sub Engr., 3rd do	
P. Murugesam Pillai	Supervisor 2nd do	
V. R. Kuppuswami Mudaliyar	do 2nd do	Temp. rank.
P. Panchapakesa Aiyar	Overseer 1st do	
S. T. Raghava Aiyangar	do 1st do	
Mr. J. Willis	do 1st do	
D. V. Jagannathachari, A.S.T.	do 3rd do	Sub <i>pro tem.</i>
M. O. Singara Aiyangar	Temp. Upper Subordinate	
A. Yuvarangam Nayudu	Accountant 5th Grade	

No. V Party, T. R. S.

S. Sundara Sastri	Overseer 2nd Grade	Temp. rank.
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(2) South Arcot Division.

Mr. C. J. Peters	Exec. Engr., 1st Grade	In charge of the construction of the Ponnar and Gadhiam bridges.
Major A. W. Smart, R.E.	do 1st do	Sub <i>pro tem.</i>
Captain W. D. Linsley, R.E.	do 4th do	Temp. rank.
Mr. J. D. Legge	(A) Asst. Engr., 2nd do	Honorary rank.
Sergeant C. Smith, R. E.	Supervisor 1st do	
S. K. Govindaraju	do 2nd do	
V. Kuppuswami Aiyangar	do 2nd do	
Sergeant W. Rule	do 2nd do	Temp. rank.—Cuddalore Bridge Works.
V. Govindarajulu Mudaliyar	Overseer 2nd do	
S. Panchanatha Aiyar	do 2nd do	
A. V. Panchapakesa Aiyar, B.A., B.C.E.	do 3rd do	Sub <i>pro tem.</i> —Cuddalore Bridge Works.
Mr. A. D. Samuel	Temp. Upper Subordinate	
M. Chinmaya	Accountant, 4th Grade	

(3) Chingleput Division.

Mr. C. H. B. Euston	Exec. Engr., 3rd Grade	Sub <i>pro tem.</i>
Conductor J. B. Santerson	Sub-Engr., 1st do	
Mr. H. C. Berlio	Sub-Engr., 2nd do	
" E. Taylor	Supervisor 1st do	
" S. Pratwin	do 2nd do	
S. Maragosa Mudaliyar	Overseer 1st do	
Mr. M. R. Bransden	do 1st do	Temp. rank.
C. Sharmukha Mudaliyar	do 2nd do	
G. M. Subbarayulu Nayudu	do 1st do	Temp. rank.
T. Thirukumaraswami Mudaliyar	Temp. Upper Subordinate	
Mr. C. A. Hutton	Accountant, 3rd Grade	

No. II Party, T. R. S.

P. V. Raghava Chari, A.C.E.	Overseer 3rd Grade	
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(4) Presidency and Bangalore Division.

Mr. W. E. deWinton	Exec. Engr., 2nd Grade	
Lieut. W. M. Ellis, R. E.	Asst. Engr., 1st do	
Hony. Lt. & Dy. Asst. Comy. A. Milne	do 1st do	Supy.
Mr. S. W. H. Ottmann	do 1st do	Hony. rank.
Sub-Conductor R. W. MacAlister	Sub-Engr., 3rd do	Sub <i>pro tem.</i>
Sub-Conductor J. E. Patton	Supervisor 1st do	
Sergeant S. Hearne	do 2nd do	Temp. rank.
Sergeant T. Turner	do 2nd do	Temp. rank.
A. Kuppuswami Mudaliyar	do 2nd do	Temp. rank.
Mr. W. L. Jackson, B.A.	Accountant, 5th do	

(5) Presidency P. W. Stores and Workshops Division.

Lieut.-Col. S. F. Clarke, R.E.	Exec. Engr., 1st Grade	
Mr. S. Francis	Asst. Engr., 2nd do	Hony. rank.
T. Singaravolu Mudaliyar	Accountant 5th do	
A. Theagarajaper	do 5th do	Attached to Workshops.

No. 6 CIRCLE.—HEAD QUARTERS, TRICHINOPOLY.

Lieut.-Col. A. C. Smith, R.E.	Supr. Engr., 1st Class	Temp. rank.
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(1) Trichinopoly Division.

Mr. W. Jopp	Exec. Engr., 4th Grade	Sub <i>pro tem.</i>
" E. Dady	Supervisor 1st do	
R. Kalivanthra Aiyar	do 1st do	
P. M. Arunakham Pillai	Overseer 1st do	
Sergeant W. L. Emery	do 1st do	
M. Muniawami Mudaliyar	do 1st do	
Mr. J. B. Rodrigues	do 1st do	
V. Ramachandri, B.A.	Accountant 5th Grade	

(2) Tanjore Division.

Mr. A. H. Garrett	Exec. Engr., 2nd Grade	Sub <i>pro tem.</i>
" J. J. Whitely, A.M.I.C.E.	do 4th do	Temp. rank.
T. Subrahmanya Pillai, Rai Bahadur	Asst. Engr., 3rd do	Hony. rank.
T. T. Raghava Chariyar, B.A.	Sub-Engr., 3rd do	
V. Kodandaram Mudaliyar	do 3rd do	
A. Nilakanta Sastriyar, M.A.	Supervisor 1st do	
P. Krishnamachari	do 2nd do	Sub <i>pro tem.</i>
Sergeant C. Ogilvie	Overseer 1st do	
V. C. Subbaraya Pillai	do 1st do	
K. Viswanatha Aiyar	do 1st do	
S. P. Abraham	Temp. Upper Subordinate	
S. V. Krishnaswami Sastri	Accountant, 5th Grade	

(3) Negapatam Division.

Mr. C. H. T. Norfor	Exec. Engr., 2nd Grade	
S. Gopalakrishna Aiyar, Rai Bahadur, B.A.	do 4th do	Temp. rank.
C. Chinmatali Pillai, A.S.S.	Sub Engr., 3rd do	
Conductor C. J. Littlewood	do 3rd do	
Mr. J. C. Campbell	Overseer 1st do	
Sergeant B. Reynolds	do 1st do	
S. Sambasiva Aiyar	do 2nd do	
C. R. Bhadara Subbar	Temp. Upper Subordinate	
S. Kuppuswami Naidu	Accountant 5th do	

NAMES.	Departmental Rank.	Remarks.
(2) Madura Division.		
Mr. W. Hughes, B.A., M.I.C.E.	Exec. Engr., 1st Grade	...
T. W. S. Smyth	Asst. Engr., 1st do	Sub pro tem.
R. Gopala Aiyar, B.A., B.C.E.	do 3rd do	...
Abdul Karim Khan Sahib	Sub-Engr., 3rd do	...
N. Nadhamuni Mudaliyar	Supervisor, 2nd do	...
Mr. J. W. Walsh	do 2nd do	...
C. Subrahmanya Aiyar	Overseer, 1st do	...
T. Gnanasambandam Pillai	do 1st do	...
C. S. Srinivasa Aiyar	do 1st do	...
K. C. Visvanatha Aiyar	do 1st do	...
Mr. H. E. LaFontaine	do 2nd do	...
M. Ramakrishna Aiyar, B.C.E.	do 3rd do	...
C. S. Gopalaswami Aiyangar	Temp. Upper Subordinate	...
S. Subrahmanya Aiyar	ditto	...
K. S. Kodandarama Aiyar, B.A.	Accountant, 5th do	...

No. 1 Party, T. R. S.

Mr. A. Joyce	Exec. Engr., 3rd Grade	In charge of No. 2 Party, T. R. S.
V. Aravamudan Aiyangar	Temp. Upper Subordinate	...

(5) Tinnevely Division.

Mr. G. E. Manson	Exec. Engr., 4th Grade	Sub pro tem.
P. J. Wilson	Asst. Engr., 1st do	...
Sub. Condr. H. Hollingsworth	Supervisor, 1st do	Temp. rank.
Mr. J. R. Hendrick	do 2nd do	...
T. Ratnaswami Mudaliyar	do 2nd do	...
Sergeant T. G. Blake	do 2nd do	...
B. Kannappa Lal	Overseer, 1st do	Temp. rank.
A. Srinivasa Sastri	do 2nd do	Temp. rank.
M. V. Krishnaswami Aiyar	Temp. Upper Subordinate	...
V. A. Sundaravadivelu Mudaliyar	Accountant, 5th do	...

(7) PERIYAR PROJECT WORKS.

Lieut.-Col. J. Pennycook, R. E.	Chief Engr., 2nd Class	...
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Periar Project No. I

Mr. H. S. Taylor	Exec. Engr., 3rd Grade	...
A. T. Mackenzie	do 4th do	Temp. rank.
H. T. Keeling	Asst. Engr., 2nd do	...
L. L. Wickham	do 2nd do	...
Sergeant J. Cherry	Supervisor, 2nd do	...
S. Vijayaraghavula Das Nayudu	do 2nd do	...
Sergeant P. King	Overseer, 1st do	...
S. V. Ramaswami Aiyangar	do 3rd do	Sub pro tem.
Mr. J. O'Malley	Temp. Upper Subordinate	Workshop Super.
Mr. R. A. Kerr	Accountant, 4th Grade	...

Periar Project No. II.

Mr. C. A. B. Targett	Exec. Engr., 1st Grade	...
G. P. Carless, A.M.I.C.E.	Exec. Engr., 3rd do	Sub pro tem.
J. W. B. Ellis	(A) Asst. Engr., 1st do	Hony. rank.
S. Krishnamachariyar, A.C.E., B.C.E.	Sub-Engr., 3rd do	Temp. rank.
T. Vaidyanatham Pillai	Supervisor, 1st do	On leave.
Abd-ul-Latif Sahib	do 2nd do	...
Sergeant T. Murphy	Overseer, 1st do	...
A. Narayanaswami Nayudu	do 3rd do	Sub pro tem.
C. B. Viswanathayam	Temp. Upper Subordinate	...
M. Srinivasan Pillai	ditto	...
Sub-Inspector R. Fryer	ditto	...
Mr. W. T. Jorsh	ditto	...
J. Gopala Aiyar	Accountant, 4th Grade	...

Distribution Return—Railway Branch.**State Railways under the Government of Bombay.****Southern Mahratta Railway (Bellary-Kistna Railway.)**

NAMES.	Rank.	Pay.	Remarks.
ENGINEER-IN-CHIEF'S OFFICE.			
H. C. D. Latouche, Esq.	Supg. Engr., 2nd Grade & Engineer-in-Chief	1,350	...
G. F. Thompson	Asst. Engr., 1st Grade and Personal Assistant	...	...
Mr. H. Lightowler, (Temp.)	Chief Clerk	250	...
S. Guruvaram	Clerk	60	...
T. Chennakrishna Pillai	do	50	...
Syed Ahmed	do	45	...
P. Dowlat Ram	Draftsman	120	...

Guntakul Division (open line.)

Mr. A. H. Mackenzie	Resident Engineer	800	...
Sgt. C. H. Allen	Supervisor, 2nd Grade	174	Civil pay 100 with Milly. pay and allowances which fluctuates.
Mr. A. H. Bowers	Permanent Way Inspector	160	...
G. Pandey	do	100	...
J. Phillips	do	100	...

Nandicanama Division.

Mr. J. P. Milson	Exec. Engr., 2nd Grade	800	...
H. W. L. Tooz	do 3rd do	700	...
J. E. P. Luicke	do 2nd do	800	On furlough.
T. Reid	Sub Engr., 3rd do	250	...
J. Burr	Supervisor, 1st do	200	...
G. W. Rayner	do 2nd do	150	...
W. Wilkinson	do 2nd do	150	...
Sergeant J. Whittenan	do 2nd do	150	Civil Pay 85 with Milly. pay & batta which fluctuates.
Mr. J. Johnston	Overseer, 1st Grade	100	...
Baboo Harichand Baboojee	Permanent Way Inspector	75	...
P. Poornaswamy Pillay	Overseer, (Temp.)	100	...
Mr. O'Sullivan	Permanent Way Inspector (Temporary)	230	...
C. Rama Row	Head Clerk	100	...
C. R. De LaHoyde	Accountant	135	...

Markapur Division.

Mr. C. P. Fox	Engineer-in-Chief	600	...
Baboo Siva Dutta Pande	Assistant Engr., 1st Grade	500	On furlough.
Mr. Ritchie	Inspector of Works	200	...
H. C. Banerjee	Overseer 1st Grade	100	...
Baboo D. P. Mookerjee	do 3rd do	60	...
Baboo A. T. Banerjee	do 3rd do	60	...
P. Boyce	Clerk of Works	350	...
L. Joshi	P. W. Inspector	150	...
Mr. Nathaniel	do	60	...
B. Sunkara Row	Accountant	90	...
A. Antheswalee Naideo	Head Clerk	90	...

Guntoor Division.

Mr. J. W. Blakesley	Offg. Exec. Engineer	600	...
B. O'Neill	Sub Engr., 1st Gr. & Hony. Asst. Engineer	450	...
E. M. McCracken	Supervisor, 1st Grade	200	...
Baboo Vishnu Balkrishna Gokley	Inspector of Works	120	...
Mr. J. W. Coan	Overseer	80	...
W. Langham	Inspector of Works	175	...
T. J. Fletcher	Head Clerk	100	...
C. Vishwanath Mudaliyar	Accountant	114	...

NAMES.	RANK.	Pay.	REMARKS.
Store Division.			
Mr. J. McNair	Storekeeper	570	
Babu Kedar Nath Chakraborty	Accounts Clerk	160	
Mr. O. Ward	Sub Storekeeper	125	
" E. S. Rodgers	Do	125	
" E. R. Schmidt	Do	100	
M. Chinnaraswamy Mudaliyar	Do	80	

Cuddapah Nellore State Railway.***HEAD-QUARTERS—NELLORE.**

DIRECTION.		
C. A. Buller Esq.	Engineer-in-Chief.	1,050

OFFICE.		
Pandit Lakshman Das Dayal	Clerk, 3rd Grade	95

Tirupati Division.

Mr. A. Penny	Ex. Engineer, 1st Grade	950
" C. C. B. Knapp	Do 4th do	600
" B. Rees	Sub-Engineer, 1st do	400
" P. Calvert	Temp. Subordinate	250
" Durga Das Dutt	Supervisor, 1st do	200
Sergeant D. Upson	Do 1st do	175
Mr. A. G. Ross	Overseer, 2nd do	80
" Radha Lal	Do 3rd do	60

Nellore Division.

Mr. T. W. Grant	Exe. Engineer, 3rd Grade	700
" C. S. Killick	Do 2nd do	550
" A. T. Cheodini	Do 2nd do	350
" H. Bristow	Sub-Engineer, 3rd Grade	250
" Jogendra Nath Ghose	Supervisor, 2nd Grade	150
" J. Kelly	Temp. Overseer	100
" J. F. Gaskell	Do	100
" G. B. Howard	Overseer, 2nd Grade	80
" Garuda Chetty	Accountant	70
" G. B. Home	Head Clerk	90

Stores.

Mr. Geo. Haydn	Storekeeper	350
" V. J. Kristnaswamy Moodelliar	Sub. Storekeeper	60
" W. White	Head Clerk	70

Locomotive Department.

Mr. C. E. Cardew, A.M.I.E., Locomotive and Carriage Superintendent.

OFFICE.

Head Clerk, - B. Appan Rao Es. 60 Temporary.

Account Clerk

Villupuram Dharmavaram Railway. - Nellore Branch.**SUPR. WORKS OFFICE.**

H. T. Gwyther Esq.	Supr. of Works and Works	700
Mr. A. Ebochi Esq.	Head Clerk	50

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WORKING DIVISION, HEAD-QUARTERS, MERCARA.

NAMES.	Appointments.	Stations.	Date of Appointment to present grade.	REMARKS.
Mr. G. N. Periam	Executive Engr. 2nd Gr.	Mercara	Jan. '85	
" L. Morton	Sub-Engr. 3rd Grade	Do	April '85	
" L. Leavens	Overseer, 3rd Grade	Vinrajendrapett	April '85	
" H. Ryan	Accountant, 4th Grade	Mercara	Jan. '85	Temp. rank.

* N.B. - Up to the time coming to this the proof sheet of the above had not been received.