TAMIL NADU ARCHIVES LIBRARY: MENDING SLIP.

Author Madras Almanac. Vol 1

Title

Edition I

Preliminary pages.....to..... =

Main book ...1....to..770 = 770

Supplementary pages.....to..... =

A.G. Total pages: ----------

Preliminary Page: XI & XII = -1-

Missing pages 770

Net No. of pages =

Date sent for mending =

Mended by:

Checked by:

(Initials of the Library Assistant)

1901

Page 770

செப்பனிடுபவர் பெயர்

செப்பனிடுவதற்காக எடுத்துக் கொள்ளப்பட்ட நாள் 8/1996

செப்பனிட்டு முடித்த நாள் 9/1996

சரிபார்த்தவர் ஆராய்ச்சி மு. பா. உதவியாளர் கையொப்பம்

Hon'ble Mr. Winterbottom Esq.

No. 1 C.

A D 161

THE

ASYLUM PRESS ALMANAC,

AND

DIRECTORY

AND

COMPENDIUM OF INTELLIGENCE

FOR

1901.

MADRAS RECORD OFFICE

SECRETARIAT LIBRARY MADRAS

Madras:

PRINTED AND PUBLISHED BY H. PLUMBE, SUPT., LAWRENCE ASYLUM PRESS, MOUNT ROAD.

1900.

n211, N01
N00.1
209654

CONTENTS.

RETROSPECT FOR 1900 ... ... I—XLIV.

A

	Page.
A Compendium of the Law of Storms prepared for the Bay of Bengal ...	787
Abkari, Salt and Customs Department ...	284
—— Assistant Commissioners of	285
—— Commissioner of ...	284
—— Deputy Commissioners of	284
—— Inspectors of ...	287
—— Salt and Separate Revenue Departments ...	284
—— and Salt Department. Competitive Examination for	345
Accountant-General's Office, Madras ..	141
Accountants, Public ...	816,879
—— and Bank Agents. Examination in the Vernaculars of Southern India for ..	308
—— Branch, P. W. Department.	266
Accounts Department, Military.	149,632
—— and Distribution List of the Engineer Establishment of P. W. D. of the Madras Presidency ...	267
—— Examiners of Guaranteed Railway ...	146
—— Examiners of Public Works	267
—— Examiners of Public Works, Madras and Coorg ...	146
—— Examiners of Railway ...	267
Achnera-Cawnpore Railway ...	847
Acts, Indian Factories. The ..	547
—— Indian Railway, IX of 1890, Rules, etc. ...	853
—— passed by the Governor-General of India in Council during the year 1900. See Appendix.	
—— passed by the Governor of Madras in Council during the year 1900. See Appendix.	
—— Unrepealed. See Appendix	
Additional members of Council for making Laws and Regulations, Bombay ...	88
—— Members of Viceregal Council for making Laws and Regulations, Calcutta	82
Additional Members of Council for making Laws and Regulations, N. W. P. and Oudh.	95
—— Members of Council for making Laws and Regulations, Punjab ...	97
—— Members of Council for making Laws and Regulations, Madras ..	86
Adeikalanathar Church ...	945
Adjutant-General's Department	634
—— General's Office, Deputy	145
Adjutants-General, Madras Army	105
Administrator- eneral's Office...	147
Admission of Officers to Commissariat Department, Rules for ...	630
—— of persons as Advocates, Vakils and Attorneys of the High Court of Judicature at Madras. Amended Rules for qualification ...	703
—— of High Court Pleaders, etc. Rules for ...	708
—— to the Staff Corps. Revised Regulations for ...	628
Advent Christian American Mission ...	1005
Advocate-General's Department	
Judge, Madras Army ...	148,634
Advocates of the High Court, Madras ...	880
—— Chief Court of Mysore ...	1213
Aerated Water Manufacturers...	868
Agency and Commission, General Rates of, Madras Chamber of Commerce...	822
—— The Diffusion of Knowledge	1159
—— Bombay Cycle ...	874
Agents, Bank, and Accountants. Examination in the Vernaculars of Southern India for	308
—— and Bankers in Madras ...	814
—— in the Chief Colonies of Great Britain. List of...	60
—— of Asiatic Steam Navigation Company (Ltd.) ...	840
—— of Assurance and Insurance Companies ...	816

	Page.
Agents of Austrian Lloyd's Steam Navigation Company	838
—— of British India Steam Navigation Company (Ltd.)	855
—— of Clan Line Steamers	841
—— of French Mail Steamers	841
—— Commission, etc.	873
—— and Correspondents of P. & O. Steam Navigation Company at home and abroad	830
—— Custom House and Forwarding Agents, etc.	874
—— Typewriters'	879
Agriculture College, Saidapet	1067, 1100
—— Rules for Construction and Working, &c.	1100
—— and Land Records, and Revenue Settlement Department of	255
Agri-Horticultural Society of Madras	1147
Ahmedabad-Parantij Railway	847
Allowances, Civil Scale of	155
—— Clergymen receiving, from Government in the Ecclesiastical Department	356
—— Regimental Pay and	642
Alphabetical List of Articles, Sea-Customs—Imports from Foreign Countries	470
—— List of Unrepealed Enactments. See Appendix.	
Amarasaya or New Moon Ceremonies for 1901	3
Amended Rules of the Ootacamund Lawrence Asylum	1248
—— Rules for Qualification and Admission of persons as Advocates, Vakils and Attorneys of the High Court of Judicature at Madras	703
American Baptist Missionary Union	1006
—— Christian Advent Mission	1005
—— Evangelical Lutheran Mission, Guntur	1008
—— Madura Mission	1009
Amritsar-Pathankot Railway	849
Anglo-Gujarati School, Lodd Govindas'	1142
—— Indian and Eurasian Association of Southern India (Ltd.)	1175
Animals, Madras Society for the Prevention of Cruelty to	1151
—— Lighting, Vehicles, and Water, Madras Municipal Tax on	583
Anjuman-i-Mufeed-i-Ahl-i-Islam, Madras	1190
Anna Library and Free Reading Room, Royapettah	1164
Annadana Samajum, Chenapuri	1173
Anniversaries of Events connected with the Royal Family of England	2
Apothecary Branch of the Subordinate Medical Department, Changes in the Position and Designation of the Members of	674
—— Department, Madras Medical College	1084
Appeals against Municipal Taxes	585
Appendix. See for Acts passed by the Governor-General of India in Council and the Governor of Madras in Council during the year 1900.	
Application, Form of, for License of Vehicles and Animals	583
Appointment of Registering Officers under the Boat Rules for Port of Madras	767
Appointments and Salaries—Table of Staff	639
Arbitration Awards and Survey Reports of the Madras Chamber of Commerce	821
Archdiocese of Madras	1014
Architect, Consulting, Government of Madras	146
Architects, Builders, Contractors and Stonemasons	868
Arcot Branch Railway	864
—— Mission of the Reformed Church in America	1009
—— Narasinaswmy Moodeliar's, Rai Bahadur, Institutions, Bangalore	1218
—— Ranipet Railway	864
Armenian Church of St. Mary	1020
Arms and Ammunition, etc., Licensed Dealers in	876
Army Clothing Department	142
—— Commanders-in-Chief, Madras	103
—— Educational Department	142
—— Headquarters Staff of the	101
—— Medical Corps, Royal	659
—— Medical Service	659
—— of India, changes in the Administration and Organisation	647
—— Scripture Readers' and Soldiers' Friend Society —The Madras Auxiliary	1001
—— Veterinary Department	672
Articles, Alphabetical List of—Imports from Foreign Countries	470
Articles Alphabetical List of—Exports to Foreign Countries	475
—— Alphabetical List of—Re-Exports to Foreign Countries	480
Artists and Photographers	868
Arts, Faculty of, Madras University	1055
—— Fine, Society of	1146
—— Government School of, Madras	1068, 1116
—— Professions, Trades, and Callings, Madras Municipal Tax on	580-582
Aryan Association, Madras	1181
—— for the Propagation of the True or Vedic Religion	1178
Asiatic Steam Navigation Co. (Ltd.)	840
—— Fleet of Steamers belonging to	841
—— Lines in operation	841
—— List of Agents of	840
Aska Trade List	1276
Assam, Chief Commissioner of	100
Assistant Commissioners Salt, Abkari and Customs Dept.	285
—— Engineers, Local Fund	277
—— Professors' Staff, Madras Medical College	1079
—— Surgeons in the Service of Government throughout the Madras Presidency. List showing Names of	673
Assistants in the Indian Civil Service—Revised Rules for Examination of	288
Associations—	
—— Aryan, Madras	1181
—— Bangalore Shorthand Writers'	1220
—— British Medical, South Indian Branch	1175
—— Chintadripetta Christian	1013
—— Church of Scotland Women's, for Foreign Missions	947
—— Elephant Gate	1184
—— Eurasian and Anglo-Indian, of Southern India (Ltd.)	1175
—— for the Propagation of True Religion or the Aryan Vedic Religion	1178
—— Madras Athletic	1180
—— Madras Central Muhammadan, The	1180
—— Madras Fire Insurance Agents'	1177
—— Madras Import Freights'	823
—— Madras Landholders'	1177
—— Madras Marriage	1178
—— Madras Musical, The	1182
Associations—(contd.)	
—— Madras Native Christian	1014
—— Madras Trades	868
—— Madras Shorthand Writers'	1181
—— Madras Unitarian Christian Mission of the British and Foreign Unitarian	946
—— Muhammadan, Royapettah	1182
—— National Indian	1144
—— S. P. G. Woman's Mission	1144
—— Teynampet Native Christian Temperance	1183
—— Women's, for Foreign Missions, Church of Scotland	997
—— Young Men's Christian, Madras	1178
—— Young Men's Hindu	1180
—— Young Men's Hindu Union	1179
Assurance and Insurance Companies, Agents, etc.	816
Asylum, Lunatic, Madras	615
—— Madras Civil Orphan	1135
—— Madras Military Female Orphan	1102
—— Magdalen	1167
—— Press, Lawrence, Madras	1203
—— Press, Lawrence, Ooty Branch	1253
Asylums, Lawrence, Ootacamund	1247
Athenæum Reading Room, Library and Debating Society, Mylapore	1164
Athletic Association, Madras	1180
Attachés, Military, at Foreign Courts	80
Attock-Mari Railway	849
Attorneys and Proctors. Fees to be taken by	716
Attorneys-at-Law practising in Madras	682
—— not practising in Madras	683
—— not practising	683
Auctioneers, Commission Agents and Salesmen, etc.	869
Austrian Lloyd's Steam Navigation Company	838
—— Fleet of Steamers belonging to	839
—— Lines in operation	839
—— Names of Agents	838
Auxiliary Army Scripture Readers' and Soldiers' Friend Society, The Madras	1001
—— Bible Society, Madras	1002
—— of the Royal Asiatic Society and Madras Literary Society	1145
Awards, Survey and Arbitration, of the Madras Chamber of Commerce	821

B

	Page.
Babies' Home Lodd Goviodas'.	1194
Bagh. The Lal, Mysore ...	1219
Bakers, Confectioners, etc. ...	866
Bangalore Bank (Ltd.) ...	1219
—— Bishop Cotton Schoools ...	1216
—— Civil and Military Station Police ...	1211
—— Civil and Military Station.	1197
—— Friend-in Need Society ...	1219
—— Officers of the Municipal Commision and Salaries of	1212
—— S. P. G. Mission ...	1216
—— Shorthand Writers' Association ...	1220
—— Trade List ...	1276
Bank Agents and Accountants, Examination of, in Vernaculars of Southera India ...	308
Banks—	
Bank of Madras ...	811
Branch Bank of Madras, Bangalore ...	1219
Branches of Madras Bank ...	811
Chartered Bank of India, Australia and China ...	811
Commercial Bank of India (Ltd.) ...	810
Mercantile Bank of India (Ltd.) ...	810
National Bank of India (Ltd.)	810
Post Office Savings' ...	394
Bankers and Agents in Madras.	814
—— and Diamond Merchants...	869
Baptist Church, Madras ...	1007
—— Church, Bangalore ...	1008
—— Church, Free Communion, Bangalore ...	1006
—— Missionary Union, "American ...	1006
—— Telugu Missions, Canadian.	1007
Barometer, Mean, Pressure, Temperature and direction of Wind and Rainfall at Madras ...	60
—— and Thermometer—Hourly variations of ...	61
Basel Evangelical Mission ...	1011
Basket, Blind Tent Manufacturers, etc. ...	879
Bay of Bengal, Compendium of the Law of Storms prepared for the ...	787
Bellary Directory ...	1221
—— Saramarga Samaj ...	1222
—— Tamil Mission, S.P.G.	1222
—— Trade List ...	1276
—— Women's Workshop ...	1222
Benefit and Deposit Society (Ltd.). Oriental ...	1171
—— and Deposit Society (Ltd.). The Madras ...	1171
Bengal Command, Staff of the etc.	107
—— Government ...	95

	Page.
Bengal Council of the Lieutenant-Governor of Bengal for making Laws and Regulations ...	93
—— Political Residents, Chief Commissioners, etc. ...	94
—— Secretariat ...	93
—— and North-Western Railway ...	849
—— Nagpur Railway ...	846
Bezwada-Masulipatam Railway.	853
—— Trade List ...	1277
Bhagavath Gunamritha Varohini Sabha ...	1186
—— Katha Prasange Sabha ...	1186
Bhavnagar-Gondal-Junagad-Porbandar Railway ...	847
Bible Society, Madras Auxiliary ...	1002
—— Union, Young Men's Lutheran ...	1166
Billiard Table Makers ...	870
Bimlipatam Trade List ...	1277
Births and Deaths, Registration of by Municipality.	598
—— no fee charged for Registration of ...	599
—— and Deaths, Names of Registrars in the Town of Madras ...	599
—— and Deaths, Registrars of.	991
Birhr-Shimagoa Extension Railway ...	845
Bishop Corrie's Girl's' School...	1123
—— Corrie's Grammar School.	1122
—— Cotton Schools, Bangalore	1216
Black Town and Parsewalkum Tamil Churches ...	944
Blind and Basket Manufacturers, etc. ...	879
Bishopric of Madras, Church of England ...	918
—— of San Thome, Roman Catholic ...	946
Board of Directors, Madras Railway ...	860
—— of Directors, South Indian Railway Company ...	865
—— of Directors, Pondicherry Railway Co. (Ltd.) ...	866
—— of Directors, Southern Mahratta Railway Co. (Ltd.) ...	867
—— of Examiners ...	142
—— of Examiners. The Examination of Military Candidates conducted by	315
—— of Examiners for Teachers' Certificates ...	142
—— of Revenue, Madras ...	142,284
—— The Madras Harbour Trust	799
Boarding School, Wesleyan Mission Girls' ...	1133

	Page.
Boards, District, Taluk Boards and Union Panchayats under Madras Act V of 1884. Names of ...	566
Boat-hire, Schedule of Rates for Ports in the Madras Presidency ...	768,779
—— Rules for Port of Madras.	763
Bolan-Mushkaf Railway ...	849
Bodies, Masonic ...	1194
Bombay, Baroda and Central India Railway ...	846
—— Command, Staff of the, etc.	107
—— Cycle Agency ...	874
—— Governors of ...	91
Bombay Government—	
Council of Governor of ...	88
Ecclesiastical Establishment. See of ...	89
Government Law Officers ...	90
High Court of Judicature ...	89
Legislative Department ...	88
Miscellaneous Appointments.	90
Officers of the High Court ...	90
Personal Staff of H. E. the Governor ...	88
Secretaries and Under-Secretaries, etc., to Government ...	89
Small Cause Court ...	90
Bonds and Instruments, Stamp-duty on ...	436,441
Book and Literature Society. Madras School ...	1075
—— and Tract Society. Madras Religious ...	1034
—— Text Committe. Madras Constitution of ...	1076
Bookbinders, Visiting Card Printers, etc. ...	870
Books, Office of Registrar of ...	1069
Booksellers and Stationers ...	870
Boot and Shoe Makers ...	871
Botanical Gardens and Parks, Government, Nilgiris ...	1242
Boxes, Letter, Pillar and Wall, in the Town and Suburbs of Madras ...	376
Branch of Lawrence Asylum Press, Ootacamund ...	1253
British India Steam Navigation Company (Ltd.) ...	835
Fleet of Steamers belonging to ...	836
Lines in operation ...	838
Names of Agents of, at home and abroad ...	835
Sailing from Madras to London ...	838
—— Medical Association, South Indian Branch ...	1175
—— Postal Orders ...	393
—— Postal Orders, Sale of, by Regimental Vendors ...	393

	Page.
Brokers, Produce, Suppliers, Contractors, etc. ...	873
Buckingham Canal ...	601
—— Mill Co. (Ltd.) ...	829
Builders, Carriage ...	821
—— Stonemasons and Contractors ...	868
Burials, Revised Rules for Cemeteries, Churches, etc. ...	1021
Burma, Government of—	
—— Council of Lieut.-Governor of ...	98
—— Military Staff ...	109
—— Personal Staff of Lieut.-Governor of ...	98
—— Railways ...	852
—— Table of Charges for Foreign Telegrams to Europe, etc. ...	414
Business Hours, etc., Postal Department, Madras ...	373
—— Rates and Rules of the Madras Bank ...	811
Bye-laws of the Madras Diocesan Council ...	960
—— of the Madras Harbour Trust Board ...	799
—— of Madras Municipal Commission ...	594
Bysani Mathava Chetty's Charity Fund ...	1171

C

	Page.
Cabinet Makers ...	871
Calcutta, Court of Small Causes.	84
—— High Court of Judicature.	84
—— See of, Ecclesiastical Department ...	84
Calendar for the year 1901—	
Chronological Notes ...	1
Explanation of Chronological Cycles and Eras ...	1
Gregorian Calendar or New Style ...	1
Principal Articles ...	1
—— English ...	13
—— English, Tamil, Telugu and Mahommedan, etc. ...	7
—— Explanatory Notes on the.	136
—— Gardening, Bangalore	72
—— Gardening, Coonoor and Kotagherry ...	75
—— Gardening, Madras ...	68
—— Gardening, Nilgiris ...	74
Calicut—Ashikal Extension Railway ...	852
—— Trade List ...	1273
Calling in Madras. Rules for...	1317
Callings, Arts, Professions and Trades. Madras Municipal Tax on ...	580,582
Canal, Buckingham ...	601

	Page.
Canals and Public Ferries in the Presidency of Madras	602
Canadian Baptist Telugu Missions	1007
Candidates, Military, the Examination of, conducted by the Board of Examiners	315
Cannanore Trade List	1279
Cantonment Fund Rules	652
—— Magistrates, Examination of, in Law	314
Cardamom, Cinchona, Coffee and Tea Estates in the Nilgiris	1295
—— Cinchona and Tea Estates in Lower Pulney and Sirumallai Hills	1304
Carnatic Mill Co. (Ltd.)	829
—— Stipends—Paymaster of	151
Carpet Merchants, etc.	871
—— and Furniture Manufacturers, etc.	879
Carriage Builders	871
Carriages, Hackney, Rates and Fares	599
—— Hackney, List of Fares of	600
Cashmere Merchants, etc.	871
Caste Girls' Schools. Rajahgopaul's	1138
—— and Gosha Women. The Royal Victoria Hospital for, Madras	626
Causes, Court of Small, Madras	145,724
Casual Students, Madras Medical College. Rules for	1089
Catholic Syrian Church in Malabar	1017
Cawapore-Achnera State Railway	847
Cement, Portland, Tile-Works (Ltd.), Madras	830
Cemeteries. Revised Rules for Burials, Churches, etc.	1021
—— Ecclesiastical Fees for	954
Cemetery, Pursewalkam, General	1047
Census of 1881 and 1891 in numerical order. Population of 177 Towns	568
Central and District Jails Superintendents and Medical Officers in charge of the	730
—— Provinces, Chief Commissioner of	100
—— Travancore, Coffee in	1314
Ceremonies, Krithika Vritham	3
—— Ekadasi Vritham	3
Certificates, Teachers', Board of Examiners for	142
Ceylon Railway	852
Chamber of Commerce, Madras	819
—— General rates of Agency and Commission	823
Chamber of Commerce, Rules and Regulations of the, etc.	819
—— Survey Reports and Arbitration Awards	821
Changes in the Administration and Organisation of the Army of India	647
—— in the position and Designation of the Members of the Apothecary Branch of Subordinate Medical Department	674
Chapels and Churches in Madras	941
Chaplains, Church of England, Services of	919,936
—— Church of Scotland, Services of	937
—— Government, Church of England	918
—— Register of Visits and Services in Hospitals	997
—— Visits to Out-Stations	948,996
Chapter "Excelsior" (Masonic), Ootacamund	1196
Charges, Civil Examination of Commissioned Medical Officers posted to, in the Vernaculars of Southern India	308
—— for Foreign Telegrams from India	414
—— for Foreign Telegrams from Burma, etc.	414
—— of Divisional Officers for the year 1898-99. Statements showing the	553,565
—— for Telegrams to Europe	413
Charities, Pachaiyappa Mudaliyar's	1139
Charity Fund, Bysani Mathava Chetty's	1171
—— Club, Triplicane	1154
—— School, St. Mary's Church	1135
—— School, S. P. G., Pursewalkam	1128
Chartered Bank of India, Australia and China	811
Chemical Examiner to Government	144
Chemist and Druggist Department, Madras Medical College. Rules for	1088
Chemists and Druggists	871
Chennapuri Annadana Samajam	1173
Chief Advocates of Mysore	1213
—— Colonies of Great Britain	78
—— Commissioner of Assam	100
—— Commissioner of Central Provinces	100
—— Commissioners, Political Residents, etc., Bengal	94
—— Court of Mysore	1210
Chief Officers of Postal Department	370
Children, "Home" for Infant Destitute	1138
Chinese, Japanese and Indian Works and Curiosities	876
Chintadrepettah Christian Association	1013
Choultry, Monegar	1168
Christ Church	942
—— Church District Poor School	1128
Christian Advent Mission, American	1005
—— Association, Chintadrepettah	1013
—— Association, Madras, Native	1014
—— Association, Young Men's, Madras	1176
—— Calendar, new style	9
—— College, Madras, and Free Church Institution	1120
—— Endeavour Society, Royapooram	1013
—— Knowledge, Society for Promoting	966
—— Literary Society, The Pursewalkam	1145
—— Literary Society for India	1005
—— Marriage Act, The. List of Persons Licensed under	968,990
—— Provident Fund, Native Christian	1170
Chronological Notes	1
—— Cycles and Eras—Explanation of	1
Chulai Hindu Union Upper Primary School	1141
Churches and Chapels in Madras	941
—— Consecrated within the Diocese of Madras	939
—— Revised Rules for, Burials Cemeteries, etc.	1021
—— Roman Catholic	946,1014
Church, Adeikalanathar	945
—— Baptist, Bangalore	1006
—— Baptist, Chintadrepettah	945
—— Baptist, Vepery	945,1007
—— Christ	942
—— Holy Cross	942
—— Holy Emmanuel	941
—— Methodist Episcopal	945,1010
—— Mission Chapel	943
—— Morning Star	946
—— St. Andrew's (The Kirk)	944
—— St. Andrew's, Native	996
—— St. George's Cathedral	941
—— St. John's, S.P.G.	943
—— St. Mary's, Fort	941
—— St. Mark's	942
—— St. Matthias'	942
Church St. Paul's	942
—— St. Thomas'	943
—— Tamil, Royapooram	944,1998
—— Wesleyan, Royapettah	945
—— Wesleyan Methodist	945
—— Zion	943
—— Missionary Society	962
—— of England, Services of Chaplains	919,937
—— of England Zenana Missionary Society	967
—— of England Government Chaplains. List of	918
—— of England Institute, New Town	1166
—— of England Temperance Society. Diocesan Branch	1150
—— of Scotland	944,995
—— of Scotland, Government Chaplains, Services of	837
—— of Scotland, United Free	944,997
—— of Scotland's Indian Mission	996
—— of Scotland Medical Mission, Free	998
—— of Scotland Mission Schools of the United Free	1121
—— of Scotland Mission College, Madras	1122
—— of Scotland Women's Association for Foreign Missions	997
—— St. Mary, Armenian	946,1020
—— Syrian Catholic, in Malabar	1017
—— Wardens and Lay Trustees.	952
Cigar Merchants and Tobacconists	872
Cinchona Plantations, Government, Nilgiris	1243
Circles Constituted under the Madras Act, 1889. Names of	284
Circulating Library, Madras	1166
City Civil Court, Madras	148,724
—— of Madras, Distances by Road to various places	570
—— of Madras, Description of	572
—— Police, Madras	730
Civil Charges. Commissioned Medical Officers posted to, Rewards for passing Examination in Vernaculars of Southern India	308
—— Allowances, Scale of	155
—— and Military Station of Bangalore	1197
—— and Military Station, Bangalore, District Magistrate's Court and Collector's Office	1211

	Page.
Civil and Military Station Police, Bangalore ...	1211
—— and Military Tailors, etc...	872
—— Officers of Government, European and Eurasian. Rules for Examination in the Vernacular Languages of Southern India..	304
—— Orphan Asylums, Madras.	1135
—— Service, Assistants in the Indian. Revised Rules for the Examination of,.	288
—— Servants, Statutory. Gradation List of ...	160
—— Veterinary Department, Madras Presidency ...	144
Claims on Half or Mutilated Currency Notes ...	281
Clan Line Steamers and Names of Agents of ...	844
Clergymen receiving Allowances from Government in the Ecclesiastical Department ...	956
Clock, Watch and Musical Instrument Repairers ...	880
Clothing Department, Army ...	142
Clubs—	
Athletic Cricket ...	1155
Cosmopolitan ...	1153
Cricket, Madras ...	1153
Cyclists', Madras ...	1154
Favourite ...	1154
Gymkhana ...	1154
Pudupet Star of India Cricket.	1155
Madras, The ...	1153
Tennis ...	1155
Triplicane Charity ...	1154
C. M. S. Southern Pastorate ...	943
Coast Ports. Instructions to Commanders of Vessels visiting ...	751
Cocanada Trade List ...	1279
—— Directory ...	1016
Cochin Diocese of ...	1223
—— State, Officers in the ...	1224
—— Trade List ...	1280
Code, Cyclone, Madras ...	783
Coffee Cinchona, Tea and Cardamom Estates in Nilgiris.	1295
—— in Central Travancore ...	1314
—— in Cochin Territory ...	1305
—— in Coorg ...	1306
—— in Kanan Devan ...	1315
—— Cinchona, Tea and Cardamom Estates, in Lower Pulney and Sirumallai Hills, Madura District ...	1304
—— in Annamalais ...	1303
—— in Coorg ...	1306
—— in Nelliampathy ...	1305
—— in North Mysore ...	1308
Coffee, etc., in Peermaad Hills, Travancore ...	1315
—— in Shevaroys ...	1301
—— in South Mysore ...	1311
Coimbatore Trade List ...	1281
Collections of Land Revenue and other Sources of Revenue. Statement showing the ...	552
Collectors, Deputy ...	226
—— Deputy, Examination of, in the Vernaculars of Southern India ...	312
Colleges—	
Agriculture, Saidapet ...	1067,1100
Church of Scotland Mission...	1122
Doveton Protestant, Madras..	1123
Engineering, Madras ...	1065,1067,1104
Free Church Institution and Madras Christian ...	1120
Kumbakonam ...	1067
Madras Law ...	1065,1067,1117
Madras Medical ...	1077
Pachaiyappa's, Madras ...	1139
Presidency, Madras ...	1067,1068
Rajahmundry ...	1067
Rajahmundry Training ...	1067
Rules relating to the Constitution of the Engineering..	1105
San Thomé ...	1133
St. Mary's, Madras ...	1131
Second Grade, Mangalore ...	1067
Teachers', Saidapet ...	1067
Theological S. P. G. ...	1129
Wesleyan Mission, Royapettah ...	1133
Colleges and Schools of the Roman Catholic Churches ...	1014
Collegiate School for Girls and Infants. The Madras ...	1127
Commanders of Vessels visiting the Port of Madras. Instructions to ...	744
—— of Vessels visiting the Port of Madras. Special Notice to ...	753
—— of Vessels visiting Coast Ports. Instructions to...	751
Colonial and Continental Church Society ...	966
—— Treasurers, District Paymasters, and other Imperial Agents in the Chief Colonies of Great Britain. List of ...	80
Command, Bengal, Staff of the.	107
—— Bombay, Staff of the ...	107
—— Burma, Military Staff ...	109
—— Distribution of the Forces in the Madras ...	637
—— Madras, Staff of the ...	102
—— Punjab, Staff of the ...	108
Commander-in-Chief in India...	101
Commanders-in-Chief, Madras Army ...	102

	Page.
Commerce and Finance Department ...	431,521
—— Madras Chamber of ...	819
Commercial Holidays, 1901 ...	4
—— Bank of India (Ltd.) ...	810
Commissariat Department, Rules for Admission of Officers to ...	630
—— Chief Office, Madras District ...	150
—— Storekeeper-General's Office ...	150
Commissary-General's Office, Madras ...	150
Commission, Agents, etc. ...	873
—— Coorg ...	1198
—— and General Rates of Agency of the Madras Chamber of Commerce...	822
—— Municipal Officers of the Madras ...	578
—— Municipal, Bangalore ...	1212
—— Municipal, Madras ...	149,578
—— Municipal, Madras. Bye-Laws of ...	594
—— Salaries of Officers under Coorg ...	1198
—— Salesmen, Wine and Spirit Merchants, etc. ...	873
Commissioned Medical Officers posted to Civil Charges, Examination Rewards for passing Examination in Vernaculars of Southern India	308
Commissioner for Government Examinations ...	144
—— of Police ...	144
—— of Salt and Akbari and Customs Department ...	284
—— Sanitary, Madras ...	661
Commissioners. Election of Madras Municipal ...	579
—— Rules regulating the Meetings of the Madras Municipal ...	594
—— Permanent, for taking acknowledgments by Married Women in England of Deeds relating to Property in India ...	689
Commons, House of ...	755
Commutation of Pensions of Officers of the Indian Service.	638
Companies, Insurance and Assurance with their Agents	816
—— Joint Stock, Documents to be sent to the Registrar of ...	520
—— Joint Stock, List of, Registered, in 1889-90 ...	523,546
—— Registration of Joint Stock ...	518
Compendium of the Law of Storms prepared for the Bay of Bengal ...	787
Competitive Examinations for the Salt and Abkari Department ...	345
Condiment Manufacturers, Indian ...	876
Confectioners, Bakers, etc. ...	869
Conference of India, Madras Branch of the National Social ...	1188
—— Madras Missionary ...	1193
Connemara Public Library and Government Museum ...	146,1155
Consecrated Churches within the Diocese of Madras ...	939
Consistory Court ...	95
Constitution and Working of the College of Agriculture, Saidapet. Rules for	1100
—— and Working of the Madras Law College. Rules for...	1117
—— of the Madras Text-Book Committee ...	1076
Consuls, etc., in the Madras Presidency ...	144
Consulting Architect to Government, Madras ...	146
—— Architect's Division ...	268
—— Engineers for Railways ...	265
—— Engineer's Office for Railways ...	145
Continental and Colonial Church Society ...	966
Convent, Presentation, St. Joseph's, Vepery ...	1131
—— St. Thomas', Mylapore ...	1132
Contractors, Commission Agents, Produce Brokers, etc. ...	873
—— Engineers and Iron Founders ...	874
Coonoor—List of Houses in ...	124
—— Ootacamund Extension Railway ...	853
—— Trade List ...	1282
Coorg Commission ...	1198
—— and Madras, Examiner of Public Works Accounts...	146
—— Salaries of Officers under..	1198
Contractors, Engineers, etc. ...	874
Copper Plate Engravers, etc. ...	873
Copyright, Government ...	1073
Corrie's, Bishop, Girls' School...	1123
—— Bishop, Grammar School...	1122
Cosmopolitan Club ...	1153
Cotton, Bishop, Schools, Bangalore ...	1213
Council, Government of India..	82
—— Bengal ...	93
—— Bombay ...	83

	Page.
Council of Fort St. George, Madras ...	86
—— Madras Diocesan ...	956
—— of North-Western Provinces and Oudh ...	95
—— of Punjab ...	97
Countess of Dufferin's Fund ...	1169
Countries, Foreign, Exports to—Alphabetical List of Articles ...	475
—— Foreign, Re-Exports to—Alphabetical List of Articles ...	480
—— Foreign, List of, to be adopted in the Returns of Trade ...	457
Courts Chief, Lower Burma ...	99
—— Chief of Mysore ...	1219
—— Chief, Punjab ...	97
—— High, of Judicature, Calcutta ...	84
—— High, of Judicature, Madras ...	146,675
—— City Civil, Madras ...	148,724
—— Consistory ...	951
—— District Magistrates' and Collector's Office, Civil and Military Station, Bangalore ...	1211
—— Fee Stamped Papers exceeding Rs. 50 in value, Stamping Private Documents and sale of ...	415
—— Fees ...	451,468
—— Insolvent Debtors' ...	147,719
—— Military Attachés to Embassies and Legations at Foreign ...	80
—— Mofussil, Pleaders Practising in ...	690,700
—— Presidency Magistrates' ...	151
—— Presidency Magistrates', Regulations of ...	730
—— Small Causes, Bombay ...	90
—— Small Causes, Burma ...	99
—— Small Causes, Calcutta ...	84
—— Small Causes, Madras ...	145,724
Cricket Club, Madras ...	1153
—— Club, Pâdupett, State of India ...	1155
—— Club, The Kozhencheyvarcupet Athletic ...	1155
Country and Foreign Provision Depôt ...	874
Crockery, Cutlery, Glass, etc., ...	875
Cruelty to Animals, Madras Society for the Prevention of ...	1151
Culmination of the Sun—Meantime of ...	49
Curiosities, Chinese, Indian and Japanese Work ...	876
Currency Department, Paper ...	281
—— Entire Notes lost ...	282
Currency Department—Currency Notes, Claims on Half or Mutilated ...	281
Custom House, Sea ...	468
—— House, Madras, Godown Rent at the ...	489
—— House, Madras, Import Tariff ...	492
—— House and Forwarding Agents, etc. ...	874
Customs Collectors at Madras Presidency Out-Ports ...	737
—— and Marine Officials, levy of fees for working Overtime ...	780
Cycle Agency, Bombay ...	874
—— Depôts and Repairers ...	874
—— of Sixty Years, Hindu ...	47
Cyclists' Club, Madras ...	1154
Cyclone Code, Madras ...	783

D

	Page.
Daily Rainfall, Mean, at Madras Observatory ...	67
Dairies ...	874
Danish Mission ...	1012
Darjeeling-Himalayan Railway ...	852
Dates of opening S. W. Line, Madras Railway ...	864
Davidson Street Girls' and Boys' School, Black Town ...	1133
Day of the year corresponding to the last day of each month ...	9
—— School, The Madras Girls' ...	1139
Days, Holy, and Sundays, Lessons for, 1901 ...	947
Dead Letter Office, Madras ...	371
Dealers in Dress Stuffs, etc. ...	874
—— Licensed, in Arms and Ammunition ...	876
Deaths and Births—Registration of, by Municipality ...	598
—— No fee charged for Registration of ...	599
—— and Births, Registrar of ...	991
—— and Births, Registrars of, in the Town of Madras ...	591
Debating Society and Library, The Mylapore Athenæum Reading Room ...	1104
Debtors' Court, Insolvent ...	147,719
Dhond-Pelanpur Railway ...	847
Delhi-Umballa and Kalka Railway ...	849
Delivery of Mails, Hours of, by the Postal Department ...	378
Dental Surgeons and Dentists ...	874
Department, Government of India Telegraph ...	895
—— Government of India Telegraph, Madras Division ...	897

	Page.
Magistrates, Cantonment, Examination in Law of ...	314
—— Court of the Civil and Military Station of Bangalore District ...	1211
—— Courts, Presidency ...	151
—— Courts, Presidency, Regulations for ...	151, 732
Mahajana Sabha, Madras ...	1184
Maharajah of Vizianagram's Girls' School ...	1142
Mahomedan Branch Training School, Triplicane ...	1067
—— Festivals, Principal ...	2
—— Hindu and Jewish Eras ...	2
Mail Service, Railway ...	371
Mails, Despatch of (Inland) from the Madras General Post Office ...	374
—— Hour of Delivery by the Postal Department ...	378
Malabar, Catholic Syrian Church in ...	1017
Mangalore College, 2d Grade ...	1067
—— Directory ...	1230
—— Trade List ...	1284
Mari-Attock Railway ...	849
Marine and Custom Officials, levy of fees for Working Overtime ...	780
—— Police ...	732
Marriage Act, The Indian Christian—List of Persons Licensed under ...	968, 990
—— Association, Madras ...	1178
—— Licenses, Surrogates for granting ...	954
—— Registrars ...	1020
Masonic Bodies ...	1194
—— Lodges ...	1196
Maternity Hospital, Government ...	615
—— Hospital, Ramaswmy Mudaliar's ...	626
Mathava Chetty's Charity Fund ...	1171
Mayavaram-Mutupet Railway ...	865
Mean Barometric Pressure, Temperature, Direction of Wind and Rainfall in Madras ...	60
—— Time of Sun's Culmination for 1901 ...	49
Mechanical and Marine Engineers, "Reliance Foundry,"	879
Medical College, Madras— ...	1077
Apothecary Department ...	1084
Assistant Professors' Staff ...	1079
Casual Students ...	1089
Chemist and Druggist Department ...	1088
College Council ...	1078
Dufferin Fund Scholarship and Prizes ...	1096
Medical College, Madras—(contd.) Faculties of Medicine and Engineering ...	1096
Female Students, Rules for	1084
Hospital Assistant Dept. ...	1086
List of Endowments ...	1100
—— of Text-Books for the Hospital Assistant Department ...	1089
Professors' Staff ...	1079
Revised List of Text-Books ...	1089
Rules and Regulations ...	1080
—— for Medical Scholarships for Women of Cochin ...	1095
—— for Medical Scholarships for Women of Travancore ...	1394
Sanitary Inspector's Department ...	1088
The College Department ...	1081
—— College Medals, Prizes and Scholarships ...	1089
University Medals, Prizes and Scholarships ...	1096
Medical Department, Indian Subordinate ...	699, 674
—— Districts at the Presidency	658
—— Mission, Free Church of Scotland ...	998
—— Officers, Commissioned, posted to Civil Charges—Examination of, in the Vernaculars of Southern India ...	399
—— Service, Army ...	636, 661, 662
—— Service, Indian ...	659
—— Staff at the Presidency ...	661
—— Staff, Madras Railway ...	861
—— Standing Committee ...	661
—— Storekeeper to Government, Madras Command, 146, 661	
Meetings of the Madras Municipal Commissioners, Rules regulating the ...	594
Memorial Hall, Madras ...	1158
Mercantile Bank of India (Ltd.)	810
Meteorological Office, Madras ...	142
Methodist Episcopal Church ... 945, 1010	
—— Episcopal Mission ...	1010
Middle School, The Hindu Union, Pursewalkum ...	1141
Midwives residing at Madras—List of ...	618
—— in the Mofussil, and other Presidencies—List of ...	619
Military Accounts Department, 140, 632	
—— Attachés at Foreign Courts	80
—— Candidates, Examination of, conducted by Board of Examiners ...	315
—— Department ...	612
—— Female Orphan Asylum, Madras ...	1135

	Page.
Military Officers, Examination Test for, in Vernaculars..	317
—— Officers—Examinations of, conducted by the Board of Examiners ...	317
—— Officers having to engage passages at Madras and the Out-Ports. Rules for the guidance of ...	781
—— Pensioners, Native ...	1166
—— Revised Regulations for Admission to the Staff Corps ...	612
—— Staff, Bengal Command ...	107
—— Staff, Bombay Command...	107
—— Staff, Burma ...	109
—— Staff, Indian ...	107
—— Staff Madras Command ...	102
—— Staff, Punjab Command ...	108
—— Works Services ...	150
—— and Civil Station, Bangalore ...	1197
—— and Civil Station Police, Bangalore ...	1211
—— Tailors and General Outfitters ...	872
Mill Company (Ltd.), Carnatic	829
—— Buckingham ...	829
—— The Madras United Spinning and Weaving Co. (Ltd.) ...	829
Milliners and Dressmakers ...	877
Ministers, Her Majesty's ...	77
Miscellaneous Companies ...	877
Mission, American Advent Christian ...	1005
—— American Lutheran, Guntur ...	1008
—— American-Madura ...	1009
—— Arcot, of the Reformed Church in America ...	1009
—— Basel Evangelical ...	1011
—— Canadian Baptist Telugu ...	1007
—— Church of Scotland's Indian ...	996
—— Church of Scotland Women's Association for ...	907
—— College, Church of Scotland	1122
—— Free Church of Scotland Medical ...	998
—— Girls' Boarding School, Wesleyan ...	1133
—— Hermannsburg Evangelical Lutheran ...	1012
—— Hindu Girls' Schools, Wesleyan ...	1134
—— Leipzig Evangelical Lutheran ...	1012
—— Leipzig Evangelical Lutheran Schools ...	1134
—— Madras Tamil ...	1129
—— Methodist Episcopal ...	1010
—— S. P. G. Bangalore ...	1216
Mission S. P. G., Bellary ...	1222
—— S. P. G., Egmore ...	943
—— S. P. G., Tamil ...	944,1222
—— S. P. G., Women's Association ...	1144
—— St. Andrew's. Native Church of Scotland ...	996
—— South Indian Railway ...	1005
—— United Free Church of Scotland ...	907
—— United Free Church of Scotland, Schools of the..	1121
—— Vepery S. P. G. ...	1012
—— Wesleyan—College, Royapettah ...	1133
—— Women's Home and Foreign	1006
Missionary Society, Church ...	962
—— Church of England Zenana	967
—— Conference, Madras ...	1126
—— London ...	1001
—— Union, the American Baptist ...	1006
—— Wesleyan ...	998
Mofussil Courts, Pleaders practising in ...	690,701
—— Directory ...	1197
—— Trade List ...	1276
Monegar Chealtry ...	1163
Money Order Commission, Foreign ...	389
—— Orders, Inland ...	388
—— Orders Inland, Telegraphic	388
Monogram & Die Cutters, etc...	870
Moon's Right Ascension and Declination for 1901 ...	M
Morning Star Church ...	946
Morvi Railway ...	848
Most Eminent Order of the Indian Empire— Companions ...	119
Extra Knights Grand Commanders ...	116
First Class or Knights Grand Commanders ...	113
Grand Master ...	116
Honorary Companions ...	116
Honorary Knights Commanders ...	116
Officers of the Order ...	116
Second Class or Knights Commanders ...	117
Sovereign ...	116
Third Class or Companions.	119
Most Exalted Order of the Star of India—	
Extra Knights Grand Commanders ...	110
First Class or Knights Grand Commanders ...	110
Grand Master ...	109
Honorary Knights Grand Commanders ...	110
Officers of the Order ...	110

	Page.
Most Exalted Order of the Star of India—(contd.)	
Second Class or Knights Commanders ...	111
Sovereign ...	109
Third Class or Companions.	113
Mount Road Women's Workshop	1194
Movable and Fixed Festivals ...	2
Muhammadan Association, Royapettah ...	1182
—— Branch Training School, Triplicane ...	106
—— Public Library, Madras ...	1167
Municipal Commission, Bangalore ...	1212
—— Commission, Madras ...	149,578
—— Commissioners, Madras ...	578
—— List of Vaccine Depôts in the Town of Madras ...	597,611
—— Office, Madras ...	578
—— Rules for regulation of meetings of—Commissioners, Madras ...	594
—— Tax on Arts, Callings, Professions and Trades ...	580,582
—— Taxes, on Animals, Lighting, Vehicles, and Water.	583
Munsiffs, Districts ...	677
Museum, Government and Connemara Library ...	146,1155
Mushkaf-Bolan Railway ...	849
Music and Piano Sellers, Tuners, and Repairers ...	877
—— School of, The Madras ...	1143
Musical Association, The Madras	1182
—— Instrument, Watch and Clock Repairers ...	880
Musulmans holding personal Titles of Honour by Grant from the Titular Nawabs of the Carnatic ...	127
—— in the Madras Presidency on whom the titles of "Khan Bahadur" and "Khan Sahib" have been conferred by the British Government. List of ...	126
Mylapore Athenæum Reading Room, Library and Debating Society ...	1164
—— Hindu Permanent Fund (Ltd.), The ...	1172
Mysore, Advocates of Chief Court of ...	1213
—— Coorg Commission ...	1198
—— Chief Court of ...	1210
—— First and Second Pleaders,	1214,1215
—— Geological Department of..	1210
—— Government of ...	1200
—— Government, Salaries of Officers of the ...	1201
—— List of Engineers and Upper Subordinates ...	1207
Mysore, List of Officers under the Resident ...	1196
—— Residency ...	1197
—— Salaries of Officers under Residency ...	1198
—— State Railway	845
N	
Names of Assistant-Surgeons in the Service of Government throughout the Madras Presidency. List showing the ...	673
—— of Circles Constituted under the Madras Sale Act, 1889 ...	284
—— of District Boards, Taluk Boards and Union Panchayats ...	506
—— of European and Eurasian orderlies in the Engineering Department of the Madras Railway ...	561
—— of Registrars of Births and Deaths in the Town of Madras ...	599
Napier Park ...	1157
National Bank of India (Ltd.)	810
—— Indian Association ...	1144
—— Social Conference of India, Madras Branch ...	1188
Native Christian Association, Madras ...	1014
—— Christian Provident Fund	1170
—— Christian Temperance Association Lecture Hall, Toyamapet ...	1183
—— Festivals, Feasts and Observances ...	27
—— Infirmary ...	623
—— Military Pensioners ...	1166
Navigation Co. (Ltd.), Asiatic...	840
—— Company, Austrian Lloyd's Steam ...	838
—— Company (Ltd.), British India Steam ...	835
—— Company, Peninsula and Oriental ...	830
Negapatam-Nagore Extension Railway ...	852
—— Reading Room, Krishnaswami Mudaliar's ...	1165
Nellore Directory ...	1238
Neptune Satellites at Madras...	54
New Moon or Amavasaya Ceremonies of the Hindus for 1901	8
—— Town Church of England Institute ...	1166
—— Town Prayer and Reading Hall ...	1164
Newspapers ...	881
Night Signals for Cyclones ...	4786

	Page.
Nilgiri Coffee, Cinchona, Tea and Cardamom Estates...	1295
—— Directory ...	1240
—— Library ...	1247
—— Railway ...	852
Nilgiris Cinchona Plantations, Government ...	1253
—— District, Officers in the ...	1241
—— Government Gardens and Parks ...	1242
Nizam's Guaranteed State Railway ...	846
—— Regular Troops ...	1234
Nominal Roll of the Madras Survey Department, Arranged according to Survey Divisions	253
North Black Town Drazy School	1139
North-Western Provinces and and Oudh Government—Additional Members for making Laws and Regulations ...	95
Judicial Department ...	96
Miscellaneous Appointments	96
North-Western Railway ...	848
Notaries, Public, in Madras ...	701
—— Registrars and Sub-Registrars appointed as ...	701
Notice, Special, to Commanders of Vessels visiting the Port of Madras ...	758
Notification, Public Service ...	350
—— relating to Port Dues ...	740
Nungumbakam Reading Room and Ripon Library ...	1165
Nursing Service, Indian ...	636

O

Observatory Office, Madras ...	149
—— Mean Daily Rainfall ...	67
—— Rain Register ...	63
Occurrences, Domestic	1341
Office Hours of the Postal Department ...	736
—— and Duties of Lay Trustees in the Diocese of of Madras, Rules relating to ...	951
—— of Commissary-General, Madras, Command ...	150
—— of Commissioner, Madras City Police ...	730
—— of Consulting Engineer for Railways ...	145
—— of Council, Fort Saint George ...	86
—— of Sanitary Engineer to Government ...	153
—— of Sea Custom House, Madras ...	468
—— of the Deputy Inspector of Vaccination ...	145
—— of the Port Department, Madras ...	151,736
Office of the Madras Harbour Trust Board ...	799
—— of the Registrar of Books..	1060
—— of the Post Master-General.	151,871
Officers, Chief, of Postal Dept...	370
—— in the Cochin State ...	1225
—— in the Service of the Mysore Government ...	1292
—— in the Travancore Service	1270
—— Examinations of Military, conducted by the Board of Examiners ...	317
—— Examination of Commissioned Medical, posted to Civil Charges ...	308
—— Examination of Forest, European and Eurasian, in the Vernaculars of Southern India ...	309
—— Examination of, in the Forest Department, in Law and Revenue ...	311
—— Examination for other, as well as persons not in the service of Government, in the Vernaculars of Southern India ...	307
—— Examination of, in the Superior Grades of Police, in Law and in the Vernaculars ...	303
—— Examination in the Vernaculars of Southern India for, of the South Indian Railway ...	308
—— Examination of, in the Political Department ...	299
—— Employed in the Madras Police ...	725
—— in Cochin ...	1224
—— in the Nellore District ...	1239
—— in the Nilgiris District ...	1241
—— of the Civil Department having to engage passages at Madras and the Out-Ports. Rules for the guidance of ...	781
—— of the Madras High Court of Judicature, Madras ...	675
—— of the Madras High Court, Fees to be taken by ...	713,719
—— of the Public Works Dept., Railway Branch ...	266
—— of Government, European and Eurasian, Rules for Examination in the Vernacular Languages of Southern India ...	304
—— of the Madras Municipal Commission ...	578
—— of the Municipal Commission, Bangalore—Salaries of ...	1212
Officers of the Mysore Government—Salaries of ...	1281
—— Statements showing the Charges of Divisional, for the year 1898-99 ...	553,565
—— under the Mysore Residency and in the Coorg Commission—Salaries of.	1198
Offices—Official Assignee's ...	147
—— Public, in the Presidency	141
—— of Registrars of Births and Deaths in the Town of Madras ...	599
Official Order of Precedence in Madras ...	132
—— Trustee's Office ...	147,713
Ootacamund Lawrence Asylums	1247
—— Branch, Lawrence Asylum Press ...	1253
—— List of Houses in ...	1253
—— List of Houses to let in ...	1259
—— Lodge—"Faith, Hope and Charity" ...	1196
—— Nilgiri Library ...	1247
—— Royal Arch Chapter "Excelsior" ...	1196
—— "Russell" Lodge of Mark Master Masons ...	1196
—— Trade List ...	1287
Ophthalmic Hospital, Government ...	614
—— Opticians ...	877
Order of Good Templars—Independent ...	1194
—— of the Indian Empire, The Most Eminent ...	116
—— of the Star of India, The Most Exalted ...	109
Orders, British Postal ...	393
Ordnance Department ...	150,633
Organisation and Administration of the Army in India, Changes in the ...	647
Oriental Benefit and Deposit Society (Ltd.) ...	1171
—— Languages—Revised Rules for the encouragement of the Study of—among the Junior Members of the Indian and Statutory Civil Services	296
—— Names of the Months ...	10
—— Names of the Week Days..	10
—— Telephone and Electric Co. (Ltd.) ...	827,878
Orphan Refuge, Gordon ...	1137
—— Madras Civil ...	1135
—— Military Female, Madras.	1135
—— and Widows' Fund, The Madras ...	1170
Other Protestant Churches and Chapels ...	944
Oudh & Rohilkand Railway ...	850
Outfitters and Civil and Military Tailors ...	872
Out-Stations, Chaplains' Visits to ...	943

P

Pachaiyappa College, Madras...	1139
—— Commercial School, Madras ...	1141
—— High School, Chidambaram ...	1140
—— High School, Conjiveram.	1139
—— High School, Literary Society ...	1146
—— Middle School ...	1140
—— Mudaliyar's Charities ...	1139
—— Orphanage and Industrial School ...	1140
—— Sanscrit School, Chidambaram ...	1148
Paint Merchants ...	878
Palanpur-Deesa Railway ...	847
Palani Hills, Description of...	1263
—— List of Houses on the ...	1264
Pambam Branch Railway ...	852
Panchayats, Union, District-Boards and Taluk Boards under Madras Act, V of 1884. Names of ...	566
Paper Currency Department ...	281
—— Claims on Half or Mutilated Currency Notes ...	281
—— Entire Notes Lost ...	282
—— Nature of arrangements...	281
Parcel Post, Foreign ...	387
Park, Napier ...	1158
—— People's ...	1155
—— Robinson ...	1158
Parks, and Botanical Gardens, Government, Nilgiris ...	1242
Parochial Schools, Vepery District ...	1123
Passage Rates charged by P. & O. S. Navigation Company ...	832
—— Rules ...	781
—— Rules for the Madras Presidency ...	781
Passing of Goods, and Rules and Forms of Entry, for the, through the Sea Custom House, Madras ...	468
Pay, and Allowances, Regimental ...	642
—— of Subordinate Medical Establishment ...	645
Paymaster of Carnatic Stipends	151
Peace, Justices of the ...	734

	Page.
Port Officers ...	736
—— Pilotage Fees ...	740
—— Rules for the Port of Madras ...	755
—— Rules for all the Coast Ports of the Madras Presidency ...	761
—— Schedule of Boat Hire in the Madras Presidency...	768—779
—— Signals ...	753
—— Surgeons ...	737
—— Trust Railway, Calcutta ...	852
Portland Cement, etc., Works, Madras ...	830
Positions, Geographical, Elevations, etc., of the Principal Stations in and near India ...	62
Post Foreign ...	384
—— Foreign Parcel ...	387
—— Office, Dead Letter ...	371
—— Office Savings' Banks ...	394
—— Railway Mail Service ...	371
Post and Telegraph Superintendents—Office of ...	371
—— List of Pillar and Wall Letter Boxes in the Town and Suburbs of Madras with the Hours of their Clearance ...	376
—— Master-General's Office ...	168
Postal Department ...	151
British Postal Orders ...	393
Chief Officers of the ...	370
Dead Letter Office ...	371
Despatch of Mails—Inland ...	374
Foreign Money Order Commission ...	389
Foreign Parcel Post ...	387
Foreign Postage Rates. Schedule of ...	385
Hours of Business, etc. ...	373
Hours of Deliveries of Mails.	378
Inland Money Orders ...	388
Inland Post. Special Rules appertaining to particular classes of articles ...	380
Inland Postage Rates ...	380
Inland Telegraphic Money Orders ...	388
List of Pillar and Wall Letter Boxes, etc. ...	376
List of Town Sub-Post Offices.	372
Postmaster-General's, Office, Madras ...	371
Post Masters ...	371
Railway Mail Service ...	371
Schedule of Foreign Postage Rates ...	385
Special Rules appertaining to particular classes of articles.	389
Superintendents of Post Offices ...	471

	Page.
Prayer and Reading Hall, New Town ...	1164
Precedence—Warrant of ...	129
—— in Madras, Official Order for ...	132
Presidency College, Madras ...	1067, 1068
—— Civil Veterinary Department ...	144
—— Ecclesiastical Government Districts ...	948
—— Magistrates' Courts ...	151, 732
—— Magistrates' Courts. Rules of Practice in ...	732
—— Magistrates' Courts, Madras, Regulations of...	732
—— Medical Districts at the...	658
—— Port Office ...	151
—— Post Master's Office ...	371
—— Public Offices in the ...	141
—— Training School for Mistresses, Government ...	1067
Press. Government, Madras ...	146
Prevention of Cruelty to Animals, Madras Society for the.	1151
Primary Examination. Government Rules for ...	318
—— Examination Board, Madras District ...	152
Princes. Native Indian ...	81
Principal Articles ...	1
—— Hindu Festivals ...	3
—— Mahomedan Festivals ...	2
—— Medical Officer, Madras Command ...	152, 661
—— Medical Officer, Madras District ...	152
—— Medical Officers of Districts ...	661
—— Medical Storekeeper ...	661
—— Stations in and near India, Geographical Positions, Elevations, etc., of the ...	22
Printers, Publishers, etc. ...	878
Printing Presses, English ...	882
—— Material Manufacturers ...	878
Prisons, Inspector-General of...	147
—— Superintendents of, for the Town of Madras ...	154
Private Documents, Stamping, and Sale of Court-fee Stamped Papers ...	415
—— Entree List. Revised and Corrected, Government House ...	134
—— Practitioners ...	878
—— Secretary to H. E. the Governor ...	152
Procedure relating to the Examination of Candidates in the Vernacular Languages of Southern India ...	307

	Page.
Proctors and Attorneys—Fees to be taken by ...	716
Produce Brokers. Suppliers and Contractors, etc. ...	873
Professions, Arts, Callings, and Trades. Madras Municipal Tax on ...	580, 582
Professors' Staff. Madras Medical College ...	520, 582
Progressive Union Free Library and Reading Room, Komalaswarenpetta ...	1165
Promoting Christian Knowledge. Society for ...	966
Propagation of the Gospel in Foreign Parts. Society for the ...	960
Property, Immovable. Description required in Document relating to ...	513
Protestant College. Doveton, Madras ...	1123
Provident Fund, Native Christian ...	1170
Provinces, Central. Chief Commissioner of ...	100
Provisioners, Warehousemen, General Mess Purveyors, etc.	873
Public Accountants ...	816, 879
—— Ferries and Canals in the Presidency of Madras ...	602
—— Hall, Victoria, Madras ...	1164
—— Instruction. Director of...	145
—— Library, Government Museum and Connemara.	146, 1155
—— Notaries in Madras ...	701
—— Notaries appointed as Registrars and Sub-Registrars in the Madras Presidency ...	701
—— Offices the Presidency ...	141
—— Petitions, House of Commons ...	735
—— Service Notification ...	350
—— Works Accounts, Madras and Coorg. Examiner of	146
—— Works Department, Accounts Branch ...	267
—— Works Department, Distribution List of Engineer and Accounts Establishment of, in the Madras Presidency ...	267
—— Works Department, Mysore. List of Engineers and Upper Subordinates in the ...	1207
—— Works Department, Railway Branch ...	265
—— Works Department, Rules.	361
—— Works Secretariat ...	267
—— Works Stores and Workshops ...	152, 268
Publications ...	880
Annually ...	881
Monthly ...	881
Quarterly ...	881
Weekly ...	880
Pudukkottai State (Trichinopoly). ...	1262
Pudupet Star of India Cricket Club ...	1155
Punjab, Lieut.-Governor of the..	97
—— Additional Members of Council for Making Laws and Regulations ...	97
—— Northern State Railway...	849
—— Southern Railway ...	849
—— Staff of the, Command ...	108
Pursewalkum, Christian Literary Society ...	1145
—— General Cemetery ...	1047
—— Hindu Santhatha Sunga Nidhi ...	1172
—— Hindu Union Middle School ...	1141
—— S. P. G. Charity School ...	1128
—— St. Matthias' English Mixed School ...	1128
Purveyors, Wine and Spirit Merchants, etc. ...	873

Q.

Qaisar Dispensary, Triplicane...	1189
Qualifications for High Court Pleaders, etc. ...	706
Quarter-Master, Garrison ...	146
Quarter-Masters-General, Madras Army ...	106
Queen, The, and Royal Family..	76
Quilon Trade List ...	1288
Quit Rent and Income Tax, etc., Departments ...	152

R.

Rai Bahadur Arcot Narsinsawmy Mudaliar's Institutions, Bangalore ...	1218
Railway Accounts. Examiner of Guaranteed ...	146
—— Police, Government, Office of Superintendent ...	150
—— Madras ...	844
Board of Directors of ...	860
Dates of opening of S. W. Line ...	863
Indian Executive ...	860
List of Engineers ...	861
Medical Staff ...	861
Telegraphs ...	826
Traffic Department ...	860
Railways in India and Ceylon..	844
Ahmedabad-Parantij ...	847
Amritsar-Pathankot ...	849

	Page.
Railways in India and Ceylon—(contd).	
Arcot Branch ...	864
Bengal-Nagpur ...	846
Bengal & North-Western ...	849
Bhavnagar-Gondal-Junagad-Porbandar ...	847
Birur-Shimnoga ...	845
Bombay, Baroda & Central India ...	846
Burma ...	852
Cawnpore-Achnera State ...	847
Ceylon ...	852
Darjeeling-Himalayan ...	852
Delhi-Umbala and Kalka ...	849
East Coast, Southern Section	864
East Indian ...	849
Eastern Bengal State ...	851
Gaekwar's Dabhoi ...	847
Gaekwar's Mehsana ...	847
Gaekwar's Petlad ...	847
Godhra-Nagda-Ratlam-Nagda and Ujjain ...	847
Great Indian Peninsula ...	845
Hindupur Extension ...	845
Hyderabad-Umerkot ...	849
Indian Midland ...	850
Indus-Valley State ...	848
Kolar Gold Fields ...	864
Kolhapur State ...	845
Kotri-Rohri ...	849
Madras ...	844, 860
Mari-Attock ...	849
Morvi ...	848
Mushkaf-Bolan ...	849
Mysore State ...	845
Nilgiri ...	864
Nizam's Guaranteed State ...	846
North-Western ...	848
Oudh & Rohilkand ...	850
Palanpur-Deesa ...	4847
Perulam-Kariakkal ...	865
Port Trust, Calcutta ...	852
Pondicherry ...	867
Punjab-Northern State	849
Rajpipla State ...	847
Rajpura-Bhatinda ...	849
Rajputana-Malwa ...	847
Rewari-Ferozepore ...	847
Rohilkund & Kumaon ...	851
Sindh-Pishin Section ...	848
Sind-Sagar ...	849
South Indian ...	849, 864
Southern Mahratta ...	845, 867
Southern Punjab ...	849
Tarakeshwar State ...	849
Tirhoot State ...	850
Railways, Consulting Engineer for, Office of ...	145
Rain Register, Madras Observatory ...	63
Rainfall, Mean Daily, Madras Observatory ...	67
Rajagopaul's Caste Girls' Schools	1138
Rajah Sir Savalay. Ramasawmy Mudaliar Maternity Hospital	626
Rajahmundry College ...	1067
—— Training College ...	1067
Rajpipla State Railway ...	847
Rajpura-Bhatinda Railway ...	849
Rajputana-Malwa Railway ...	847
Rates of Agency and Commission, Madras Chamber of Commerce ...	822
—— and Fares, Hackney Carriage ...	599
—— for Foreign Postage, Schedule of ...	385
—— for Parcels both in Local and Through Booking with all Indian Railways, with some exceptions ...	854
—— for Treasure on all Railways except the S. I., R. and K. and D.H. Railways	857
—— of Boat-hire in the Madras Presidency. Schedule of	768, 779
—— of Business and Rules of the Madras Bank ...	811
Reading Room, Mylapore Athenæum ...	1164
—— and Prayer Hall, New Town ...	1164
—— Room and Anna Library, Royapettah, Free ...	1164
—— Room and Progressive Union, Komaleeswarempetta ...	1165
—— Room and Ripon Library, Nungambakam ...	1165
—— Room, Kishnaswami Mudaliar's, Negapatam ...	1165
—— Room and Literary Society, Tiruvetteeswaren Pettah.	1165
Ready Reckoner for payment of Income Tax ...	510
Recruitment of the Superior Grades of Police in the Madras Presidency ...	362
Reductions or Remissions of Stamp Duty ...	435
Reformatory School, Chingleput	1068
Reformed Church in America—Arcot Mission of ...	1009
Refuge, the Gordon Orphan ...	1137
Regimental Pay and Allowances	642
Registrar of Books—Office of ...	1069
—— of Joint Stock Companies, Office of ...	511
—— of Madras University ...	105
Registrars, District, of Joint Stock Companies. List of	511
—— of Births and Deaths ...	991
—— of Births and Deaths in the Town of Madras ...	599
—— Marriage ...	1020

	Page.
Registration Department ...	147,511
—— Deposit of Wills ...	513
—— Description required in Document relating to Immovable Property ...	513
—— Documents to be forwarded to the Registrar of Joint Stock Companies...	523
—— Fees to be paid to the Registrar of Joint Stock Companies ...	520,521
—— Fees under Section 78 of the Indian Registration Act, No. III of 1877 ...	515
—— Inspector-General of ...	147
—— List of District Registrars of Joint Stock Companies	511
—— List of Joint Stock Companies Registered in 1889-90 ...	523,546
—— of Births and Deaths by Madras Municipality ...	598
—— of Joint Stock Companies..	518
—— of Literary, Scientific and Charitable Societies Act, No. XXI of 1860, for	518,522
—— Place of	514
—— Presentation of Documents for ...	514
—— Rules under Section 69 of the Indian Registration Act, No. III of 1877 ...	515
—— Time prescribed for ...	513
—— What Documents must be Registered ...	512
—— What other Documents may be Registered ...	512
Regulations, Furlough and Leave, for the Staff Corps	634
—— of Presidency Magistrates' Courts, Madras ...	732
—— for Commutation of Pensions of Officers of the Indian Service ...	638
—— Re-Exports to Foreign Countries-Alphabetical List of Articles ...	480
—— Revised, for Admission to the Staff Corps ...	612
Reliance Foundry, etc. ...	879
Religious Tract and Book Society, Madras ...	1004
Remissions or Reductions of Stamp Duty ...	435
Repairers of Musical Instruments, Watches and Clocks...	880
Residents, Political, Chief Commissioner, etc., Bengal ...	94
—— in Madras. List of ...	1217
—— on the Shevaroys—List of Permanent ...	1207
Residency, Hyderabad ...	

	Page.
Residency, Mysore ...	1230
Returns of Trade. List of Foreign Countries to be adopted in the	487
Reuter's Telegram Co. (Ltd.)...	825
Advantages to Senders ...	825
Instruction to Senders ...	826
Private Telegram Service ...	825
Revenue, Assistant Commissioners of Salt, etc. ...	285
—— Board, Madras ...	142
—— Commissioner of Salt, etc.	284
—— Deputy Commissioners of Salt, etc. ...	284
—— and Law, Examination of Officers of the Forest Department in ...	311
—— Land,—Statement showing the Collections of ...	552
—— Salt—Inspectors of ...	287
—— Settlement, Land Records and Agriculture Department ...	142,255
Revised List of Text-Books, Madras Medical College...	1089
—— Regulations for Admission to the Staff Corps ...	628
—— Rules for the Examination of Assistants in the Indian Civil Service ...	289
—— Rules for Cemeteries, other Ecclesiastical Fees, Churches and Burials ...	1021
—— Rules for the Encouragement of the Study of Oriental Languages among the Junior Members of the Indian and Statutory Civil Services	296
—— Rules for the levy of fees by Customs and Marine Officials Working Overtime ...	780
Rewards to Europeans and Eurasians in the Education Department for passing the High Proficiency and Honors Examination in Vernaculars	314
—— for the Study of Oriental Languages ...	304
—— to Forest Officers for passing in Vernacular Languages ...	310
—— to Military Officers for passing in Vernacular Languages ...	317
—— to Uncovenanted Officers, European, and Eurasians, for passing High Proficiency test in the Vernaculars ...	306

	Page.
Rewari-Ferozepore Railway ...	847
Right Ascension and Declination of the Sun and Planets for 1901 ...	52
——Ascension and Declination of Moon for each day of the month for 1901 ...	51
Rising and Setting of the Five Principal Planets at Madras for 1901 ...	48
Robinson Park ...	1158
Rohilkund and Kumaon Railway Co. (Ltd.) ...	851
Roman Catholic Churches ...	946,1014
—— Colleges and Schools ...	1014
Royal Army Medical Corps ...	659
—— Family, The Queen ...	76
—— of Banganapalle ...	81
—— of Carnatic ...	81
—— of Cochin ...	81
—— of Hyderabad ...	81
—— of Mysore ...	81
—— of Puducota ...	81
—— of Sandur ...	81
—— of Tanjore ...	81
—— of Travancore ...	81
—— Victoria Hospital for Caste and Gosha Women, Madras ...	626
Royapettah Free Reading Room and Anna Library	1165
—— Harris High School ...	1139
—— Hospital ...	163
—— Tennis Club, Sirdar Jung. Gardens ...	1115
—— Wesleyan Chruch ...	945
—— Wesleyan Mission College	1113
—— Wesleyan Mission Girls' Boarding School ...	1113
Royapooram Christian Endeavour Society ...	1013
—— Tamil Church ...	998
Rubber Stamp Makers, etc. ...	879
Rules and Conditions to be observed by the Lessee of the Victoria Public Hall, Madras ...	1162
—— Amended of the Ootacamond Lawrence Asylums	1243
—— Amended, for the Qualification and Admission of person as Advocates, Attorneys and Vakils of the High Court of Judicature at Madras ...	703
—— Boat ...	763
—— Cantonment Fund ...	642
—— and Forms for Entry and Passing of Goods through the Sea Customs House of Madras ...	468
—— and Rates of Business, Bank of Madras ...	811

	Page.
Rules and Regulations of the Madras Import Freights' Association ...	824
—— and Regulations, Madras Medical College ...	1080
—— for the Admission of Officers to the Commissariat Department ...	614
—— for Calling in Madras ...	1817
—— for Pleaders, etc. ...	706
—— for all the Coast Ports of the Madras Presidency ...	761
—— for the Erection and Repairs of Monuments of Stone...	1050
—— for Examinations in the Vernaculars, etc. ...	288
—— for the Examination of European and Eurasian Forest Officers of Government in the Vernacular Languages of Southern India ...	309
—— for the Examination of Europeans and Eurasians serving in the Education Department ...	312
—— for the Examination in the Vernacular Languages of Southern India of other Officers as well as persons not in the service of Government ...	307
—— for the Examination of Traffic Officers of the South Indian Railway in Tamil and Telugu ...	308
—— for the Examination of European and Eurasian Civil officers of Government in the Vernacular Languages of Southern India ...	304
—— for the Standard, Examinations of Assistants in the Indian Civil Service	288
—— for the guidance of Military Officers having to engage passages at Madras and the Out-Ports ...	781
—— for the guidance of Officers in the Civil Department having to engage passages at Madras and the Out-Ports ...	781
—— for the guidance of Surrogates, etc. ...	954
—— for Inland Telegrams ...	398
—— Government, for Primary, Lower Secondary and Upper Secondary Examinations ...	318,320,325
—— Government, Special Test Examination ...	329

	Page.
Rules in regard to the levy of Ecclesiastical Fees ...	956
—— of the Madras Chamber of Commerce ...	819
—— of the Madras Diocesan Council ...	959
—— of the Madras Memorial Hall ...	1159
—— of the Madras Teachers' Guild ...	1193
—— of the Madras Text-Book Committee ...	1076
—— of the People's Park ...	1157
—— of the Port of Madras ...	755
—— Public Works Department	361
—— published in accordance with the Indian Railway Act of 1890 ...	853
—— regarding Fees in Cemeteries and Churches throughout India ...	1024
—— regulating the Constitution and Working of the Madras Law College ...	1117
—— relating to the Constitution and Working of the College of Agriculture, Saidapet ...	1100
—— relating to the Constitution and Working of the Madras College of Engineering ...	1105
—— relating to the Office and Duties of Lay Trustees in the Diocese of Madras'...	951
—— under Section 69 of the Indian Registration Act, No. III of 1877 ...	515
Rules for Inland Telegrams ...	398
Cancellation ...	405
Charges ...	404
Counting of Words ...	402
Delivery at Destination ...	405
General ...	398
Interruption of Telegraph Communication : Transmission in Duplicate ...	405
Paid Services Advices ...	402
Payment of Charges ...	404
Precedence ...	404
Press Telegrams ...	411
Service Telegrams ...	402
Special Telegrams ...	408
State Telegrams ...	401
Records ...	412
Refunds ...	412

S

Sabha, Bhagavath Katha Prasangam ...	1186
—— Govinda Guna Gana ...	1187
—— Madras Mahajana ...	1184
Sabha, Sri Bhagavath Gunamirtha Varshini ...	1186
—— Sri Krishna Gana ...	1185
—— The Hindustani Chathurvarna Central ...	1187
Saddle and Harness Makers ...	879
Saidapet College of Agriculture.	1067
—— College, Teachers' ...	1067
—— Hindu Branch Training School ...	1067
Sala, The Dharma Anna ...	1187
Salaries, and Appointments. Table of Military Staff...	639
—— of Officers of Mysore Government ...	1201
—— of Officers under the Mysore Residency and in the Coorg Commission	1198
—— of Officers, Municipal Commission, Bangalore ...	1211
Sale of British Postal Orders by Regimental Vendors...	393
—— of Court-fee Stamped Papers and Stamping Private Documents ...	415
—— of Stamps ...	441
Salesmen, Commission, and Wine and Spirit Merchants...	873
Salutes, Flag Stations ...	138
—— Local ...	138
—— Table of ...	135
—— Table of Personal ...	138
Salt, Abkari and Separate Revenue Department ...	284
—— Assistant Commissioners of	285
—— and Abkari Department, Competitive Examination ...	345
—— Commissioner of ...	284
—— Commissioner's Office ...	153
—— Revenue Inspectors of ...	287
Sanitary Commissioner, Madras	661
—— Engineer to Government...	153
—— Inspector's Department, Madras Medical College. Rules for ...	1088
San Thomé, Diocese of ...	1015
—— Thomé Dispensary ...	1189
—— Thomé Women's Workshop ...	1149
Sangham, The Dravida Bhasha Madras ...	1188
Sanmarga Samaj, Bellary ...	1222
Satellites of Neptune at Madras ...	54
—— of Uranus at Madras ...	55
Saturn's Satellites at Madras...	52
Savings' Bank, Post Office ...	394
Scale of Civil Allowances ...	155
Schedule of Boat-hire Rates for Ports in the Madras Presidency ...	768,779
—— of Foreign Postage Rates.	385

...ge, Madras ...1065,1104	
...relating to the Con...uction of ...	1105
...rs, Contractors, etc. ...	874
—— Consulting, for Railways...	265
—— Consulting, for Railways, Office of ...	145
—— and Iron Founders ...	874
—— and Upper Subordinates in the P. W. Dept., Mysore	1297
—— Local Fund ...	276
—— Local Fund, Assistant ...	277
England, Church of, Zenana Missionary Society ...	967
—— Church of, Institute, New Town ...	1166
English Calendar ...	13
English Printing Presses ...	882
Engravers, Copper Plate, etc. ...	873
Entire Currency Notes lost , ...	282
Entree List, Private, Government House ...	184
Entry and Passing of Goods through the Sea Custom House of Madras. Rules and Forms for ...	468
Episcopal Methodist Church ...	1010
—— Methodist Mission ...	1010
...ation of Time for 1901 ...	50
...l Time and Hourly variation for 1901 ...	58
...ars, and Cycles, Explanation of Chronological ...	f
—— Hindu, Mahomedan and Jewish ...	2
Establishment, Judicial	675
Eurasian and Anglo Indian Association of Southern India (Ltd.) ...	1175
Europe, Charges for Telegrams to ...	413
—— Table of Charges for Telegrams from India to ...	414
European and Eurasian Forest Officers, Examination of, in the Vernaculars of Southern India ...	309
Europeans and Eurasians serving in the Education Department, Madras. Rules for Examination in Oriental Languages ...	312
...elical Basel Mission ...	1011
...rmannsburg Lutheran ...	1012
...sion ...	1012
...ntur ...	1008
...An...	
...ily	2
Exa...	
—— Gov...ent, Technical ...	340
—— Lower Secondary Government Examination Rules.	320
—— in the Vernacular Languages of Southern India of other Officers as well as persons not in the Service of Government. Rules for ...	307
—— in the Vernaculars of Commissioned Medical Officers posted to Civil Charges ...	308
—— of Assistants in the Indian Civil Service—Revised Rules for ...	288
—— of Bank Agents and Accountants in the Vernaculars of Southern India.	301
—— of Cantonment Magistrates in Law ...	314
—— of Deputy Collectors in the Vernaculars ...	312
—— of European and Eurasian Civil Officers of Government in the Vernacular Languages of Southern India. Rules for the ...	304
—— of European and Eurasian Forest Officers of Government in the Vernacular Languages of Southern India. Rules for ...	309
—— of Military Candidates in the Vernacular Languages of Southern India, by the Board of Examiners ...	315
—— of Military Officers conducted by the Board of Examiners ...	317
—— of Officers in the Forest Department in Law and Revenue ...	311
—— of Officers in the Political Department ...	299
—— of Officers of the Superior Grades of Police in Law and in the Vernaculars...	31
—— of Traffic Officers of the South Indian Railway in Tamil and Telugu. Rules for ...	31
—— Primary Government ...amination Rules ...	
—— Rules, Government ...	
—— Special Test. Governance Rules for ...	
—— Upper Secondary, Government. Rules for ...	
—— for Pleaders, etc. ...	

	Page.
First Grade Pleaders, Chief Court of Mysore, List of	1214
Fixed and Movable Festivals	2
Fleet of French Mail Steam-Ships	842
—— of P. and O. Steam Navigation Co.	838
—— of Steamers belonging to Asiatic Steam Navigation Co. (Ltd.)	841
—— of Steamers belonging to Austria - Lloyd's Steam Navigation Company	839
—— of Steamers belonging to British India Steam Navigation Co. (Ltd.)	836
Flag Stations, Salutes	135,136
Forces, H.M.'s in Egypt	80
—— in Bengal, Lieutenant-General Commanding the	107
—— in Bombay, Lieutenant-General Commanding the	107
—— in Burma District, Major-General Commanding the	108
—— in Madras, Lieutenant-General Commanding the	102,148
—— in Madras Command, Distribution of	627
—— in Punjab, Lieutenant-General Commanding the	108
Foreign Countries, Exports to —Alphabetical List of Articles	475
—— Countries, Re-exports to —Alphabetical List of Articles	480
—— Countries, Imports to—Alphabetical List of Articles	470
—— Countries, List of, to be adopted in the Returns of Trade	487
—— and Country Provision Depôts	673
—— Courts—Military Attaches at	80
—— Missions, Church of Scotland Women's Association for	997
—— Money Order Commission	389
—— Parcel Post	387
—— Parts, Society for the Propagation of the Gospel in	960
—— Post	384
—— Postal Rates Schedules of	385
—— Telegrams from Burma to Europe, etc.	414
—— Telegrams from India to Europe, etc.	414
—— ... Mission, of the ... Christian Institution	946
	143,243,255
Forest Department, Examination of Officers in the, in Law and Revenue	...
—— Officers, Controlling and Executive Staffs in the Madras Presidency	2
—— Officers of Government, Examination of, in the Vernacular Languages of Southern India	...
—— Officers, Rewards to, for passing Examination in Vernacular Languages	...
Forms and Rules for Entry and Passing of Goods through the Sea Custom House, Madras	...
Fort St. George, Governor of	...
—— St. George Madras Council of, Government Office	...
—— St. George, Madras Council of	...
—— St. Mary's Church	...
—— Services	...
Forwarding and Clearing Agents	...
Free Church Institution, Madras Christian College	...
—— Church of Scotland Medical Mission	99
—— Church of Scotland	994,995
—— Communion Baptist Church, Tanjore	10
—— Reading Room and Annamalai Library, Royapettah	118
—— Reading Room and Library, Kancheeswarenpettai	1165
—— Schools of the Church of Scotland	1121
—— Church of Scotland United Mission	997
Freight, Stock and Produce Brokers, etc.	874
Freights' Importe Association, Madras	828
French Mail Steam-Ships	841
—— Agents and Correspondence of	842
—— Fleet of	842
—— Passage Rates charged by	843
—— Settlements in India	...
Friend Society, Auxiliary Army Scripture Readers and Soldiers	...
Friend-in-Need Society, Bangalore	1319
—— Society, Madras	1319
Fund, Byrant Mathara Chetty's Charity	11
—— Cantonment, Rules	...
—— Countess of Dufferin's	...
—— Local, Assistant Engineers	...
—— Local, Engineers	...
—— Mylapore Hindu Perma	...
—— Native Christian P	...

TABLE OF CONTENTS.

	Page.
Hindu Family	1169
and Orphans'	1170
Leave Regulations	
ian Staff Corps	634
d Carpet Manufac-	
s, etc.	879
	875
G	
, Dabhoi Railway	847
ana Railway	847
al Railway	847
n, Sri Krishna	1185
g Calendar, Bangalore	72
oor and Koongberry	75
ddis	74
	68
, Botanical,	
r's	1243
otor	140
Forwarding	
	875
rsawalkum	1047
overnment, for	
men and Chil-	
	613
kets and Tent	
kers	879
ers, Purveyors, Ware-	
housemen, Provisioners,	
etc.	873
nufacturers and Civil and	
Military Tailors	873
ost Office and Town Sub-	
Post Offices with Hours of	
Business	879
les of Agency and Com-	
mission of the Madras	
Chamber of Commerce	824
ploopers	875
ical Positions, Eleva-	
tion, etc., of Principal Sta-	
tions and roads in India	62
Department of My-	
	1219
g School, Wesleyan	
on, Royapettah	1183
The Madras	1149
d, Dewlish	1127
Home for	1138
Curries	1127
The Madras	
Management	1142
ion, at Ootacamund	
	1139
ngalows of	1143
Bungalows	
	1138

	Page.
Godown Rent at Madras Custom House	489
Godhra-Ratlam-Nagda and Nagda-Ujjain Railways	847
Gold and Silversmiths, Jewellers, Engravers, Gilders, etc.	876
Good Templars, Independent Order of	1194
Goods—Rules and Forms for Entry and Passing of, through Sea Custom House, Madras	488
Gordon Orphan Refuge	1137
Gosha and Caste Women, The Royal Victoria Hospital for, Madras	626
Gospel in Foreign Parts, Society for the Propagation of	960
Government of India—	
Additional Members for making Laws and Regulations	82
Court of Small Causes, Calcutta	84
Ecclesiastical Establishment	84
Extraordinary Member	82
Judges of the High Court of Judicature, Calcutta	84
Ordinary Members	82
Personal Staff of the Governor-General	82
Secretaries to Government of India	83
Viceregal Council	82
Viceroy and Governor-General	82
Government of Madras—	
Additional Members of Council for making Laws and Regulations	86
Council of Fort Saint George, Government Office	86
Governor and President of Council	86
Members of Council	86
Non-Official Members	86
Official Members	86
Personal Staff of His Excellency the Governor	86
Government Botanical Gardens and Parks, Nilgiris	1242
—— Chaplains, Church of England, List of	918
—— Chemical Examiner to	144
—— Cinchona Plantations, Nilgiris	1243
—— Consulting Architect	
—— Copyrights	
—— Examinations, Commissioners for	
—— Examination in the Calicut of South for other Oc as pertain	

	Page.
Head-Quarters	60
Army in India	101
Her Majesty's Forces in Egypt	80
—— Majesty's Ministers	77
—— Majesty's Penitentiary, Madras	734
Hermannsburg Evangelical Lutheran Mission	1012
H. H. The Maharajah of Vizianagram's Girls' School	1142
High Court, Calcutta, Judges	84
—— Chief Justice and Puisne Judges	675
—— Court Officers, Fees to be taken by	713.719
—— of Judicature, Bombay	89
—— of Judicature, Madras	146
—— Law Officers	675
—— Officers of the	675
Hills The Palani	1263
—— List of Houses on the Palani	1264
—— List of Residents on the Shevaroys, etc.	1267
—— The Shevaroy, Description of	1266
Hindu Branch Training School, Saidapet	1067
—— Ceremonies, "Amavasya"	3
—— Cycle of Sixty Years	47
—— Family Pension Fund, The Madras	1169
—— Festivals, Principal	3
—— High School, Triplicane	1142
—— Literary Union	1146
—— Mahomedan and Jewish Eras	2
—— Orphanage and the Industrial School, Chengulroya Naicker's	1140
—— Permanent Fund (Ltd.) The Mylapore	1172
—— Santhatha Seva Nidhi, Purswalkum	1172
—— Theological High School	1142
—— The Hindu Mutti, Chathurvarna, Central Sabha	1187
—— Union Middle School, Purswalkum	1141
—— Union Upper Primary School, Chillai	1141
—— Union Young Men's Association, Purswalkum	1179
Hindupur Extension Railway	845
His Highness the Nizam's Regular Forces	1234
History of the Madras Medical College	1077
Hobart Training School, The Government	1134

	Page.
Holidays allowed in Government Offices	4
—— Madras Commercial, 1901	942
Holy Cross Church	
—— Days and Sundays, Lessons for, 1901	
—— Emmanuel Church	
Home and Foreign Mission, Women's	
—— "Industrial" for Girls	
—— for Destitute Infant Children	11
—— Lodd Govindas' Babies'	1194
Hospital Assistant Department, Madras Medical College. Rules for	1086
—— Chaplains' Register of Visits and Services in	997
—— Charges for Civil Patients —Scale of	613
Hospitals, Madras—	
Government General, for Men, Women and Children	613
Government Leper	623
Government Maternity	615
Government Ophthalmic	614
Government Veterinary, Saidapet	627
Isolation	615
Rajah Sir S. Ramasawmy Mudaliar's Maternity	626
Royal Victoria, for Caste and Gosha Women	626
Royapettah	614
Hostels, The Madras Students'	1188
Hotels, etc.	875
Hourly Variations of the Barometer, etc.	61
—— Variation for 1901, Equation of Time	58
Hours of Business in the General Post Office and Town Sub-Offices in Madras	873
—— of Delivery of Mails by the Postal Department, Table of	378
House of Commons	735
—— Custom, Madras, Godown Rent at the	489
—— Madras, Light	789
—— Sea Custom	488
Houses in Coonoor—List of	1245
—— in Ootacamund—List of	1253
—— in Ootacamund to Let	1259
—— on the Palani Hills	1264
Huzur Sheristadars	249
Hyderabad Directory	1228
—— Residency	1230
—— Umerkot Railway	849

ament Examination Rules
for Primary Examination.
Examinations of European
and Eurasian Officers
(Civil) of in the Verna-
lar Languages of
nthern India ... 304
mination Rules for Pri-
ary, Lower Secondary
d Upper Secondary
xaminations ...215, 324, 325
General Hospital for Men
Women and Children ... 618
—— House, Private Entree List 134
—— Leper Hospital, Madras 623
—— List showing the names of
Assistant Surgeons in the
service of, throughout
the Madras Presidency ... 673
—— Loans ... 813
—— Maternity Hospital ... 615
—— Medical Stores ... 146
—— Moyan Training School for
Mistresses, Tellicherry... 1067
—— Museum and Connemara
Library 146, 1155
—— of Bengal ... 93
—— of Bombay ... 88
—— of Ceylon (Colombo) ... 128
—— of India ... 82
—— of India Telegraph Depart. 146, 395
ment, Madras Division... 397
—— of Madras, Surgeon-Gene-
ral with the ... 154
—— of Madras ... 80
—— of Mauritius (Port Louis) ... 100
—— of Mysore ... 1200
—— of the North-West Pro-
vinces and Oudh ... 95
—— of Straits Settlements
(Singapore) ... 109
—— Office Holidays ... 4
—— Ophthalmic Hospital ... 614
—— or other Securities, Interest
on each Investment,
Table of Equivalent value
of 3½, 4, 5 and 5½ per cent 891
—— Presidency Training School
for Mistresses, Madras... 1067
—— Railway Police, Office of
Superintendent ... 150
—— Press ... 146
—— Sanitary Engineer to ... 153
—— School of Arts, Madras ... 1116
—— Secretariat ... 153
—— Special Test Examinations,
Rules for ... 329
—— Technical Examinations... 340
—— Training School, Hobart... 1134
—— Training School for Mis-
tresses, Coimbatore ... 1067
—— Translators to ... 154

C.

Governor ... 1
—— of Mauritius (Port Louis). 15
—— of Straits Settlements
(Singapore) ... 109
—— Personal Staff of the Right
Hon'ble the ... 83
Governors of Bombay ... 91
—— of Chief Colonies of Great
Britain ... 73
—— of Fort St. George ... 86
—— and Governors-General of
India ... 84
Govinda Guna Gana Sabha ... 1157
Govindas' Lodd, Anglo-Gujarati
School ... 1152
—— Lodd, Girls' School ... 1142
—— Lodd, Oriental Institute,
Conjeeveram ... 1223
Gradation List of Indian and
Statutory Civil Servants
on the Madras Establish-
ment 100
—— of the Engineer Establish-
ment of the D. P. W.
attached to the Madras
Presidency ... 258
Grades of Police, Superior
Examination of Officers in
Law and in the Vernaculars 363
Grammar School, Bishop
Corrie's ... 1122
Great Britain, Chief Colonies of,
with their Governors ... 78
—— Indian Peninsula Railway 845
Gregorian Calendar or New
Style ... 1
Guaranteed Railway Accounts
Examiner of ... 146
Guild, Madras Teachers' ... 1192
Gun Carriage Dept. Madras.. 151
Guntur Trade List ... 1232
Gymkhana Club, Mad s ... 1154

H.

Hackney Carriage Rules and
Fares ... 599
—— Carriages, List of Fares of.. 600
Hall, Madras Memorial ... 1158
—— Prayer and Reading, New
Town ... 1164
—— Victoria Public, Madras ... 1104
Harbour Trust Board, Madras... 148,708
—— Works, Madras ... 148,708
Hardware and Machinery Mer-
chants

I

Ice Manufacturing Co. (Ltd.). The Madras ... 830
—— Manufacturing Companies 876
Import Freights' Association, Madras ... 823
Imports from Foreign Countries—Alphabetical List of Articles ... 470
—— Tariff, Madras Sea Custom House ... 492
Income Tables for One day ... 897
—— for Twenty-eight days ... 898
—— for Twenty-nine and Thirty days ... 899
—— Tax Department, Madras.. 152, 909
—— Tax, Ready Reckoner for payment of ... 910
—— or Wages. Table of Expense 914-917
Independent Order of Good Templars ... 1145
India, Commander-in-Chief ... 101
—— French Settlements in ... 1261
—— Government of ... 82
—— Government of, Telegraph Department ... 146, 394
—— Head-Quarters Staff of the Army ... 101
—— Military Staff ... 101
—— Rules regarding Fees in Cemetries and Churches throughout ... 1024
—— Table of Charges for Foreign Telegrams from, to Europe ... 414
Indian Association, National ... 1144
—— Chinese and Japanese Works and Curiosities... 876
—— Civil Service, Rules for the Examination of Assistants of the ... 288
—— Civil Service, Rewards to Junior Members of the, and of Statutory Civil Service, for the study of Oriental Languages ... 296
—— Condiment Manufacturers. 876
—— Executive, Madras Railway ... 860
—— Executive, South Indian Railway ... 865
—— Factories Act The ... 547
—— Medical Service ... 636, 661, 662
—— Medical Service Rules ... 636
—— Midland Railway ... 853
—— Nursing Service ... 636
—— Pension Rules of 1881 for Officers of the Indian Staff Corps and Indian Forces ... 636
—— Princes, Native ... 81

Indian Railway Act 1890, Rules, etc. ... 853
—— Registration Act, No. III of 1877, Rules under Section 69 ... 615
—— Staff Corps. Leave Rules for ... 634
—— Service. Rules for the Commutation of Pensions of Officers of the ... 638
—— Subordinate Medical Department, Madras ... 669
Indo-Ceylon Telegraphic Money Orders ... 392
Industrial Home for Girls ... 1138
—— School, Madras ... 1138
Indus-Valley State Railway ... 849
Infants' Home for Destitute Children ... 1138
Infirmary Native ... 625
Inland Mails, Despatch of from Madras General Post Office ... 374
—— Money Orders ... 388
—— Postage Rates ... 389
—— Telegrams. Rules for ... 398
—— Telegraphic Money Orders 388
Insolvent Debtors' Court ... 147, 719
—— Rules of the Court for Relief of ... 721
—— Table of Fees for Relief of 723
Inspector-General of Registration ... 147
—— of Madras Police ... 147
—— of Prisons, Madras ... 147
Inspectors, Deputy, Vaccine Department ... 612
—— Deputy, of Vaccination, Madras ... 145
—— Police ... 730
—— of Salt Revenue ... 287
—— of Schools, Central Circle. 147
—— Sub-Assistant—of Girls' Schools ... 1067
—— Sub-Assistant—of Schools 1066
—— and Certifying Surgeons under The Indian Factories Act ... 547
Inspectress of Girls' Schools ... 148
Institute, Church of England, New Town ... 1166
—— Lodd Govindas' Oriental, Conjeeveram ... 1223
Institution, The Madras Typewriting ... 1185
Institutions affiliated to the Madras University ... 1068
—— Rai Bahadur Arcot Narainswamy Moodeliar's, Bangalore ... 1218
Instruction, Director of Public.

Instructions to Commanders of Vessels visiting the Port of Madras ... 744
—— to Commanders of Vessels visiting Coast-Ports ... 751
Instruments and Bonds, Stamp-duty on ... 436, 441
Insurance and Assurance Companies and Agents ... 816
Arbuthnot & Co. ... 816
Best & Co. ... 817
Binny & Co. ... 817
Carl Simon Soehne ... 817
Commercial Bank of India (Ltd.) ... 817
Dymes & Co. ... 817
Gordon, Woodroffe & Co. ... 817
Hajee Mohamed Badsha Saib & Co. ... 817
Leighton & Co. ... 818
McDowell & Co., Ltd. ... 818
Oakes & Co., Ltd. ... 818
Parry & Co. ... 818
South Indian Export Co. (Ltd.) ... 818
T. A. Taylor & Co. ... 818
Walker & Co. ... 818
Wilson & Co. ... 818
Interest Table on Government and other Securities, etc. 891
—— Tables for One Month ... 893
—— Tables for One Year ... 893
Iron Founders Engineers and Contractors ... 874
Isolation Hospital ... 614

J

Jail Department ... 730
—— Superintendents of ... 730
Jewellers, Gold and Silversmiths ... 876
Jewish, Hindu and Mahomedan Eras ... 2
John Pereira's Union Girls' School at ... 1137
Joint Stock Companies—Registration of ... 518
—— Documents to be forwarded to the Registrar of ... 520
—— Regulations passed by Government for conduct of duties of Registrar of ... 522
—— Stock Companies Registered in 1889-90. List of 523-546
—— Summary of Act XXI of 1860, An Act for the Registration of Literary, Scientific and Charitable Societies ... 518, 522
—— Table of Fees to be paid to Registrar of ... 520
Judge Advocate-General's Department, Madras Command, 103, 148, 634
Judges, District and Sessions ... 675
—— of the High Court of Judicature, Madras ... 675
—— Subordinate ... 677
Judicature, High Court of, Madras ... 146
Judicial and General Departments, Mysore Government. List of Officers in the ... 1102
—— Establishment, Madras ... 675
—— N. W. Provinces and Oudh. 96
Junior Girls' and Boys' School, Davidson Street, Black Town 1133
Justices of the Peace 734

K

Kanan Devan Hills, North Travancore ... 1274
—— Devan Hills Produce Co. (Ltd.) ... 1275
Kennet Library ... 1167
Kirk Session ... 995
Knowledge, Society for Promoting Christian ... 996
—— The Diffusion of, Agency 1189
Kolar Gold Fields Railway ... 863
Kolhapur State Railway ... 845
Karrikal Trade List ... 1282
Komaleeswarenpet Athletic Cricket Club ... 1155
Kotri-Rohri Railway ... 849
Krishnaswami Mudaliar's Reading Room, Negapatam ... 1165
Krithika Vritham Ceremonies 3
Kumbakonam College ... 1067

L

Ladies' Embroidery and Fancy Needlework Depôts ... 876
Lal Bagh, Bangalore ... 1219
Land Records and Agriculture, Department of Revenue Settlement ... 255
—— Revenue and other Sources of Revenue. Statement showing the Collections of ... 552
Landholders' Association, Madras ... 1777
Landing and Shipping Agents 876
Languages of Southern India. Vernacular Examinations in the, for European and Eurasian Officers (Civil) of Government ... 304
Law and Revenue Examination of Officers of the Forest Department in ... 311

Law, and in the Vernaculars. Examinations of Police Officers of the Superior Grades in ... 303
—— College, Madras ... 1065, 1067, 1117
—— College Council ... 1065
—— Examination of Cantonment Magistrates in ... 314
—— Officers, Bombay ... 90
—— Officers, of the High Court of Judicature, Madras ... 147, 675
—— of Storms prepared for Bay of Bengal—Compendium of ... 787
Lawrence Asylums, Ootacamund ... 1247
—— Amended Rules ... 1248
—— Asylum Press, Ooty Branch 1197
Lay Trustees in Diocese of Madras—Rules relating to Office and Duties of ... 951
—— Trustees and Churchwardens ... 952
League, The Madras Temperance ... 1191
Leave and Furlough Regulations for the Indian Staff Corps 634
—— Rules for Indian Medical Service ... 636
Legations and Embassies at Foreign Courts. Military Attachés to ... 80
Leipzig Evangelical Lutheran Mission Anglo-Vernacular School ... 1134
—— Evangelical Lutheran Mission ... 623
Leper Hospital, Government ... 619
Lessons for Sundays and Holy days, 1901 ... 947
Letter Boxes, Wall and Pillar. List of in the Town and Suburbs of Madras, with their Hours of Clearance ... 376
Levy of Ecclesiastical Fees. Rules in regard to the ... 954
Library, Government Museum and Connemara Public ... 146, 1155
—— and Free and Reading Room, Royapettah ... 1164
—— and Debating Society, the Mylapore Athenæum Reading Room ... 1164
—— Kennet ... 1167
—— Madras Circulating ... 1166
—— Muhammadan Public ... 1167
—— Nungambakam Reading Room and Ripon ... 1165
—— Ootacamund, Nilgiri ... 1247
License for Vehicles and Animals, Form of Application ... 583
Licensed Dealers in Arms and Ammunition, etc. ... 876
Licenses, Marriage, Surrogates for granting ... 954
Lieutenant-General Commanding the Forces, Madras ... 105
Light House Division ... 267
—— House, Madras ... 789
Lighting, Animals, Vehicles and Water. Madras Municipal Tax on ... 583
Lights and Light Houses on the West Coast of Madras Presidency. List of ... 790
—— and Light Houses on the East Coast of Madras Presidency. List of ... 792
—— of Colonial Treasurers, District Paymasters and other Imperial Agents in the Chief Colonies of Great Britain ... 80
Liquor Shops, Madras, Municipal Tax on ... 585
List, Madras Trade ... 868
—— of Articles, Alphabetical—Imports from Foreign Countries ... 470
—— of Articles, Alphabetical—Exports to Foreign Countries ... 475
—— of Articles, Alphabetical—Re—Exports to Foreign Countries ... 480
—— of Engineer and Accounts Establishment of the P. W. D. of the Madras Presidency ... 267
—— of Engineers, Madras Railway ... 861
—— of Engineers and Upper Subordinates in the P. W. Department of Mysore ... 1297
—— of Fares of Hackney Carriages ... 600
—— of First and Second Class Pleaders, Mysore ... 1214, 1215
—— of Foreign Countries to be adopted in the Returns of Trade ... 487
—— of Gentlemen enrolled as Advocates in the Chief Court of Mysore ... 1213
—— of Government Chaplains, Church England ... 918
—— of Government Chaplains, Church of Scotland ... 995
—— of Houses in Coonoor ... 1245
—— of Houses in Ootacamund 1253
—— of Houses to let at Ootacamund ... 1259
—— of Houses on the Palani Hills ... 1264
—— of Houses and Permanent Residents on the Shevaroy Hills ... 1267

	Page.
List of Joint Stock Companies registered in 1889-90 ...	523-546
—— of Justices of the Peace for the Town and Presidency of Madras ..	734
—— of Madras Medical College Medals, Prizes and Scholarships ..	1089
—— of Masonic Lodges under the jurisdiction of the Grand Lodge of Madras..	1195
—— of Midwives practising in Madras ...	618
—— of Midwives practising in the Mofussil ...	619
—— of Mofussil Trades ...	1276
—— of Mussalmans holding Personal Titles of Honour by Grant from the Tipûlar Nawabs of the Carnatic...	127
—— of Mussalmans in the Madras Presidency on whom the Titles of "Khan Sahib" have been conferred by British Government ...	126
—— of Names of European and Eurasian employés in the Engineering Department of the Madras Railway ..	861
—— of Notaries Public in Madras ...	701
—— of Notaries Public appointed as Registrars and Sub-Registrars in the Madras Presidency ..	701
—— of Officers of P.W.D., Railway Branch ...	265
—— of Officers in Cochin State	1225
—— of Persons Licensed under "the Indian Christian Marriage Act" ...	968
—— of Pillar and Wall Letter Boxes in the Town and Suburbs of Madras with their Hours of clearance	376
—— of Residents of Madras ...	1317
—— of Salaries of Officers under the Mysore Residency and Coorg Commission ...	1198
—— of Salaries of Officers of the Mysore Government.	1201
—— of Subscribers belonging to the Oriental Telephone Company (Ltd.) ...	827
—— of the Survey Establishment, Gradation, of the Madras Presidency ...	258
—— of Text-books for the Hospital Assistant Department, Madras Medical College ...	1089
List of Town Sub-Post Offices..	372
—— of Vaccine Depôts in the Town of Madras ..	597
—— showing the Names of Assistant Surgeons in the service of Government throughout the Madras Presidency ...	673
Literary, Scientific and Charitable Societies Registration of.	518
—— Society and Auxiliary of the Royal Asiatic, Madras ...	1145
—— Society, Pachaiyappa's High School ...	1146
—— Society and Reading Room, Tiruvetteswaren Pettah...	1165
—— Society, Pursewalkum ...	1145
—— Society, Triplicane ...	1145
—— Union, The Hindu ...	1146
—— Union Tondsi, Mandalam.	1184
Literature Society, Christian, for India ...	1005
—— Society, Madras School Book ...	1075
Lithographers ...	877
Livery Stablekeepers ...	877
Loans, Government ...	813
Local Fund Engineers ...	276
—— Fund Assistant Engineers.	277
Lloyd's, Austrian, Steam Navigation Company ...	838
Ledd Govindas' Oriental Institute, Conjeeveram ...	1223
—— Babies' Home ...	1194
Lodge, District Grand, Freemasons, Madras ...	1194
—— "Faith, Hope and Charity", Ootacamund ...	1196
—— "Russell" of Mark Master Maxons, Madras ...	1196
London Mission Chapel ...	944
—— Mission, Tamil Churches, Black Town and Pursewalkum ...	944
—— Missionary Society ...	1001
Lower Secondary Government Examination of Rules for ...	320
Lunatic Asylum, Madras ...	615
Lutheran American Mission, Guntur ...	1008
—— Basel Evangelical ...	1021
—— Hermannsburg Evangelical	1012
—— Leipzig Evangelical ...	1012
—— Young Men's Bible Union.	1166

M.

Machinery and Hardware Merchants ...	876
Madras Act V of 1884, Names of District Boards, Taluk and Union Panchayats under ...	566
Madras Agri-Horticultural Socy.	1147
—— Anjumani-i-Muffeed-i-Ahlai-Islam ...	1190
—— Aryan Association ...	1181
—— Athletic Association ...	1180
—— Auxiliary Army Scripture Readers' and Soldiers' Friend Society ...	1001
—— Auxiliary Bible Society ...	1002
—— Bank ...	811
—— Bankers and Agents in ...	814
—— Board of Revenue ...	142
—— Branch Bank of Bangalore	1219
—— Branch of the National Social Conference of India	1188
—— Canals and Public Ferries in the Presidency of ...	602
—— Chamber of Commerce ...	819
—— Christian College, Free Church Institution ...	1120
—— Church of Scotland Mission College ...	1122
—— Churches Consecrated within the Diocese of ...	939
—— Circulating Library ...	1169
—— City, Distances by Road to various places from ...	570
—— City Civil Courts ...	138,741
—— City Police ...	730
—— Civil Orphan Asylums ...	1135
—— Club ...	1153
—— College of Agriculture, Saidapet ...	1067,1100
—— College of Engineering ...	1065,1104
—— Collegiate School for Girls and Infants ...	1127
—— Command, Staff, etc. ...	102
—— Command, Distribution of the Forces in the ...	637
—— Command, Commissary-General's Office ...	150
—— Command, Principal Medical Officer ...	152,661
—— Command, Staff and Departments of the ...	102
—— Commercial Holidays ...	4
—— Cosmopolitan Club ...	1153
—— Court of Small Causes ...	145,724
—— Cricket Club ...	1153
—— Custom House Godown Rent at the ...	489
—— Cyclists' Club ...	1154
—— Cyclone Code ...	783
—— Deposit and Benefit Society (Ltd.) ...	1171
—— Diocesan Branch of the Church of England Temperance Society ...	1150
—— Diocesan Council ...	956
—— Diocese of ...	918
—— Diocese of, Rules Relating to the Office and Duties of Lay Trustees ...	961
Madras Division, Government of India Telegraph Department ...	397
—— Doveton Protestant College ...	1123
—— Dramatic Society ...	1147
—— Electric Tramways Co. (Ltd.) ...	844
—— Favourite Club ...	1154
—— Fine Arts Society ...	1146
—— Fire Insurance Agents' Association ...	1177
—— Friend-in-Need Society ...	1148
—— General Post Office, Despatch of Mails (Inland) from the ...	374
—— Girls' Day School ...	1139
—— Government School of Arts ...	1116
—— Governor of ...	86
—— Government of ...	86
—— Government Leper Hospital ...	625
—— Gun Carriage Factory ...	151
—— Gymkhana Club ...	1154
—— Harbour Trust Board ...	148,799
—— Harbour Works ...	148,798
—— Her Majesty's Penitentiary ...	734
—— High Court of Judicature.	675
—— Hindu Family Pension Fund (Ltd.) The ...	1169
—— Ice Manufacturing Co. (Ltd.) ...	830
—— Imports Freights' Association ...	823
—— Income Tax Department ...	508
—— Industrial School ...	1138
—— Landholders' Association.	1177
—— Law College ...	1065,1117
—— Law College Council ...	1065
—— Light House ...	789
—— Literary Society and Auxiliary of the Royal Asiatic Society ...	1145
—— Lunatic Asylum ...	615
—— Mahajana Sabhar ...	1184
—— Marriage Association ...	1178
—— Music, The School of ...	1143
—— Musical Association, The	1182
—— Medical College ...	1077
—— Memorial Hall ...	1158
—— Meteorological Office ...	149
—— Military Female Orphan Asylum ...	1135
—— Missionary Conference ...	1193
—— Muhammadan Public Library ...	1167
—— Municipal Commission ...	149,578
—— Municipal Commissioners, Election of ...	579
—— Municipal Commissioners, Madras, Rules regulating the meetings of the ...	594

	Page.
Madras Municipal Divisions ...	579
—— Municipal Officers ...	578
—— Municipal Tax on Arts, Callings, Professions and Trades	580, 582
—— Municipal Taxes on Animals, Lighting, Vehicles and Water ...	583
—— Municipal Vaccine Depôts	61
—— Municipality, Registration of Births and Deaths ...	598
—— Native Christian Association ...	1014
—— Native Christian Provident Fund (Ltd.) ...	1170
—— Observatory ...	149
—— Observatory, Mean Daily Rainfall ...	67
—— Observatory Rain Register	63
—— Police, Inspector-General's Office ...	147
—— Police, Officers employed in the ...	726
—— Port Conservancy ...	737
—— Port, Instructions to Commanders of Vessels visiting the ...	744
—— Port Pilotage Fees ...	740
—— Port Rules ...	755
—— Portland Cement, Brick and Tile Works, etc. ...	830
—— Presidency, Canals and Public Ferries in the ...	602
—— Presidency College ...	1067, 1068
—— Presidency, Description of the ...	139
—— Presidency, Gradation List of the Survey Establishment of the ...	258
—— Presidency, List of Officers of the Forest Department in the ...	249, 255
—— Presidency, Port Rules for all the Coast Ports of the	761
—— Presidency, Schedule of Boat-hire Rates in the ...	768, 779
—— Presidency, Recruitment for the Superior Grades of Police in the ...	862
—— Progressive Union Free Library and Reading Room, Komaleeswaranpettah ...	1165
—— Public Notaries in ...	791
—— Railway ...	844, 860
—— Religious Tract and Book Society ...	1004
—— Residents in ...	1317
—— Rules for Calling in ...	1317
—— Salt Act, 1889, Names of Circles constituted under the ...	284
—— School Book and Literature Society ...	1075
—— School of Music, The ...	1143
Madras Sea Custom House, Rules and Forms for Entry and Passing of Goods through the ...	468
—— Sea Custom House Import Tariff ...	492
—— Secretariat ...	153
—— See of—Church of England ...	918
—— Shorthand Writers' Association ...	1181
—— Society for the Prevention of Cruelty to Animals ...	1151
—— Society for the Protection of Animals from Vivisection and Cruel Treatment ...	1152
—— Southern India Brahma Samaj ...	1051
—— Stable Company (Ltd.) ...	830
—— Students' Hostels ...	1188
—— Survey Department, etc., Nominal Roll of ...	149, 255
—— Tamil Mission ...	1192
—— Teachers' Guild ...	1192
—— Teachers' Guild, Rules of the ...	1193
—— Temperance League ...	1191
—— The City of, with Description ...	572
—— Text-Book Committee ...	1076
—— Trade Association ...	868
—— Trade List ...	865
—— Town of—List of Vaccine Depôts in the ...	597
—— Typewriting Institution ...	1185
—— Unitarian Christian Mission of the British and Foreign Unitarian Association ...	946
—— United Spinning and Weaving Mills Co. (Ltd.).	829
—— University ...	154, 1059
—— University, Institutions affiliated to the ...	1063
—— University, Registrar of ...	1057
—— University, Syndicate ...	1057
—— Vaccine Department ...	611
—— Vanniyakula Kshatriya Mahasangam ...	1188
—— Victoria Public Hall ...	1164
—— Widows' and Orphans' Fund ...	1170
—— Young Men's Christian Association ...	1178
—— Canals and Public Ferries in the Presidency of ...	602
Madrasa-i-Azam, Madras ...	1068
Madura American Mission ...	1009
—— Pamban Railway Survey ...	791
—— Trade List ...	1283
Magdalen Asylum ...	1167
Magisterial Department ...	732

	Page.
School, Bishop Corrie's Grammar ...	1122
—— Bishop Corrie's Girls' ...	1128
—— Bishop Cotton, Bangalore	1216
—— Book and Literature Society, Madras ...	1075
—— Christ Church District Poor ...	1128
—— Collegiate, for Girls and Infants ...	1127
—— Davidson Street, for Girls and Boys ...	1133
—— Doveton Girls', High ...	1127
—— Drury, North Black Town.	1129
—— Elephant Gate Poor ...	1130
—— Girls' Union, at John Pereira's ...	1137
—— Government, Hobart Training ...	1164
—— Government Moyan Training, for Mistresses, Tellicherry ...	1067
—— Government Presidency Training, for Mistresses	1067
—— Government Training—for Mistresses, Coimbatore ...	1067
—— Lodd Govindas' Anglo-Gujarati ...	1142
—— H. H. The Maharajah of Vizianagram's Girls' ...	1142
—— Harris High, Royapettah.	1130
—— Hindu High, Triplicane ...	1142
—— Hindu Theological High....	1142
—— Hindu Union Middle, Pursewalkum ...	1141
—— Hindu Union Upper Primary, Chulai ...	1141
—— Industrial, for Girls' ...	1138
—— Industrial, Madras ...	1138
—— John Pereira's, Union Girls' ...	1137
—— Lodd Govindas' Girls' ...	1142
—— of Music, The Madras ...	1143
—— Madras Girls' Day ...	1139
—— Madrasa-i-Azam ...	1068
—— Muhammadan Branch Training, Triplicane ...	1067
—— of Arts ...	1068
—— of Arts, Government, Madras ...	1116
—— of Commerce, Calicut ...	1068
—— P. Vencatachellum's Upper Primary ...	1143
—— Leipzig Evangelical Lutheran Mission, Anglo-Vernacular ...	1134
—— Pachaiyappa's High, Literary Society ...	1146
—— Pursewalkum S. P. G. Charity ...	1128
—— Rai Bahadur Arcot Narainsawmy Moodeliar's Institutions, Bangalore ...	1218
School, Reformatory, Chingleput	1068
—— Rajahgopaul's Caste Girls'.	1138
—— S. P. G. Charity, Pursewalkum ...	1128
—— S. P. G. High, Vepery ...	1130
—— St. Andrew's Boys', Bangalore ...	1217
—— St. Andrew's Girls', Bangalore ...	1218
—— St. Andrew's Poor ...	1218
—— St. Mary's Church Charity	1135
—— St. Matthias' English Mixed ...	1128
—— Union, Sunday ...	1134
—— Vepery District Parochial	1128
—— Wesleyan Girls' Boarding, Royapettah ...	1133
—— Wesleyan Mission Hindu Girls' ...	1134
Schools and Colleges of the Roman Catholic Establishments ...	1014
—— of the United Free Church of Scotland Mission ...	1121
—— Inspector of, Central Circle ...	147
—— Inspectress of Girls' ...	148
—— Sub-Assistant Inspectors of ...	1066
—— Sub-Assistant Inspector of Girls' ...	1067
Scripture Reader in employ of Madras Auxiliary, Army Scripture Readers' Society ...	1001
—— and Soldiers' Friend Society, The Madras Auxiliary Army ...	1001
Sculptors and Undertakers ...	879
Sea Custom House ...	468
Sea Customs Office ...	153
Alphabetical List of Articles, Imports from Foreign Countries ...	470
Godown Rent at the Madras Customs House ...	489
List of Foreign Countries to be adopted in the Returns of Trade ...	487
Rules and Forms for Entry and passing of Goods through the—of Madras ...	468
Second Grade College, Mangalore ...	1167
—— Grade Pleaders, Chief Court, Mysore ...	1215
Secondary Examination, Lower. Government Rules for ...	320
—— Examination Upper. Government Rules for ...	325
Secretariat, Bengal ...	93
—— Bombay ...	89
—— Government of India ...	83

	Page.
Secretariat Local and Municipal, Legislative and Educational ...	153
—— Madras ...	153
—— Public Works Department, Madras Railway ...	267
—— Public Works and Marine..	153
—— Revenue ...	153
Secunderabad Trade List ...	1288
See of Calcutta ...	84
—— of Madras, Church of England ...	918
Seminary for Young Ladies, St. Mary's ...	1131
Separate Revenue ...	143
Services of Chaplains, Church of England ...	919-936
—— of Chaplains, Churche of Scotland ...	937
Service Notification, Public ...	350
Sessions and District Judges ...	675
Shawl, Cashmere, Merchants, etc. ...	871
Settlement Revenue, Land Records and Agriculture, Department of ...	143,255
—— Parties and Officers ...	255
—— French, in India ...	1261
Sheristadars, Huzur ...	249
Shevaroy Hills—Description of.	1206
—— List of Permanent Residents on the ...	1267
Ship Provisioners ...	879
Shipping and Landing Agents..	876
Shops, Liquor, Municipal Tax on ...	585
Shoe and Bootmakers ...	871
Shoranur-Cochin Railway ...	852
Shorthand Writers' Association, Bangalore ...	1220
—— Writers' Association, Madras ...	1181
Signals, Day ...	785
—— Night ...	786
—— Storm ...	787
Sir S. Ramasawmi Mudaliar Maternity Hospital ...	626
Sind-Pishin Section Railway ...	848
Sind-Sagar Branch Railway ...	849
Small Cause Court, Bombay ...	901
—— Cause Court, Calcutta ...	842
—— Cause Court Madras ...	145,724
Social Comference of India. The Madras Branch of the National ...	1188
Society, Army Scripture Readers', etc. ...	1001
—— Christian Literature ...	1095
—— Church of England Temperence, Diocesan Branch of the ...	1150
—— Church of England Zenana Missionary ...	967
—— Church Missionary ...	962
Society, Colonial and Continental Church ...	966
—— Friend-in-Need, Bangalore	1219
—— Friend-in-Need, Bellary...	1222
—— Friend-in-Need, Madras...	1148
—— for the Prevention of Cruelty to Animals ...	1151
—— for Promoting Christian Knowledge ...	966
—— for the Propagation of the Gospel in Foreign Parts..	960
—— for the Protection of Animals from Vivisection and Cruel Treatment ...	1152
—— List of English Clergymen connected with the Church Missionary ...	962
—— London Missionary ...	1001
—— Madras Agri-Horticultural	1147
—— Madras Auxiliary Bible ...	1062
—— Madras Dramatic ...	1147
—— Madras Fine Arts ...	1146
—— Madras Literary, and Auxiliary of the Royal Asiatic ...	1145
—— Madras Religious Tract and Book ...	1004
—— Madras School Book and Literature ...	1075
—— Mylapore Athenæum Reading Room, Library and Debating ...	1104
—— Oriental Benefit and Deposit ...	1171
—— Pachaiyappa's High School Literary ...	1146
—— Pursewalkam Christian Literary ...	1145
—— Royapooram Christian Endeavour ...	1013
—— Southern Pastorate, C. M.	943
—— Theosophical ...	1150
—— Tiruvetteeswaren Pettah Literary, and Reading Room ...	1163
—— Triplicane Literary ...	1145
—— Wesleyan Missionary ...	998
South Indian Branch of the British Medical Association ...	1175
—— Indian Railway Mission ...	1095
—— Indian Railway Co. (Ltd.)	1864
Board of Directors of ...	866
Examination in the Vernaculars of Southern India for Officers of the...	808
List of Officers for 1900...	865
Southern India Brahma Samaja, Madras ...	1051
—— India, Examination in the Vernaculars Languages of, for European and Eurasian Civil Officers of Government ...	304
Southern India, Examination in the Vernaculars of, for other Officers as well as persons not in the service of Government ...	307
—— India Spinning and Weaving Co. (Ltd.) ...	830
—— Mahratta Railway Company (Ltd.) ...	845,867
Board of Directors ...	867
Dates of Opening ...	867
Indian Executive ...	867
—— Punjab Railway ...	849
Special Test Examination. Government Rules for ...	329
—— Notice to Commanders of Vessels visiting Port of Madras ...	758
—— Rules appertaining to particular Classes of Articles —Inland Post ...	380
Spinning and Weaving Mills Co. (Ltd.) the Madras United ...	829
—— and Weaving Co. (Ltd.) Southern India ...	830
Sri Krishna Gana Sabha ...	1185
Stable Company, Madras (Ltd.)	930
Stablekeepers, Livery ...	877
Staff of the College of Agriculture, Saidapet ...	1100
—— of the College of Engineering, Madras ...	1104
—— of the Free Church, Institution and Madras Christian College ...	1120
—— of the Law College, Madras	1117
Staff of the Bengal Command. Lieutenant-General Commanding the Forces ...	107
Personal Staff ...	107
Staff and Departments ..	107
Staff and Departments of the Bombay Command ...	107
Lieutenant-General Commanding the Forces ...	107
Personal Staff ...	107
Staff and Departments	107
Staff and Departments of the Madras Command ...	192.
Departmental Staff ...	103
Judge Advocate Generals's Department ...	130
Lieutenant-General Commanding the Forces ...	102
Madras District, etc , Staff	103
Military Accounts Department ...	103
Miscellaneous ...	103
Personal Staff ...	102
Staff of the Punjab Command Lieutenant-General Commanding the Forces ...	108
Personal Staff ...	108
Staff and Departments ...	108
Staff Appointments, Military, and Salaries —Table of ...	639
Staff Corps—Revised Regulations for Admission to ..	628
—— Corps, Leave Rules ...	634
—— Corps, Pensions for Officers of Indian ...	620
—— Surgeon Bangalore ...	661
—— Surgeon, Secunderabad ...	661
Stamp Department, Madras ...	415
—— duty on Instruments and Bonds ...	436-441
—— duty, Remissions or Reductions of ...	435
Stamping Private Documents and Sale of Court fee Stamped Papers ...	415
Stamps, Sale of ...	441
Standing Medical Committee of the Army Medical Service	661
St. Andrew's (The Kirk) ...	944
St. Andrew's, Bangalore ...	995
—— Boys' Schools, Bangalore.	1217
—— Girls' School, Bangalore ...	1218
—— Native Church of Scotland Mission ...	996
—— Poor School, Bangalore ...	1218
St. George's Cathedral ...	941
St. John's, S. P. G. ...	943
St. Joseph's Presentation Convent, Vepery ...	1131
St. Mary's, Armenian Church of	946,1020
—— Church Charity School ...	1135
—— Church, Fort St. George ...	941
—— College, Madras ...	1131
—— Seminary for Young Ladies	1131
St. Mark's Church ...	942
St. Matthias' Church ...	942
—— English Mixed School, Pursewalkum ...	1128
St. Paul's ...	943
St. Thomas' Church, San Thome	943
St. Thomas' Convent, Mylapore	1132
St. Thome Bishopric ...	946
—— College ...	1133
—— Dispensary ...	1189
S. P. G. Charity School, Pursewalkum ...	1128
—— High School, Vepery ...	1130
—— Mission, Bangalore ...	1216
—— Theological College ...	1129
—— Vepery ...	1012
Statement shewing Collections of Land Revenue and other Sources of Revenue ...	552
—— shewing Charges of Divisional Officers for the year 1898-99 ...	553-565

	Page.
Station, Civil and Military, Bangalore ...	1197
—— Civil and Military Police, Bangalore ...	1211
Stationary Sub-Magistrates and Deputy Tahsildars ...	243
Stationers and Booksellers ...	870
Stationery and Stamps, Superintendent's Office ...	154
Stations, Principal, in and near India—Geographical Position and Elevations, etc., of the ..	62
Statutory Civil Servants. Graduation List of ...	160
—— and Indian Civil Services. Rewards for the encouragement of the Study of Oriental Languages ...	296
Steamers, Clan Line ...	844
Stipends. Paymaster of Carnatic	151
Stone Masons, Builders and Contractors ...	868
Stores. Government Medical.	146
—— and Workshops. Public Works ...	152
Storm Signals ...	787
Stock, Freight and Produce Brokers, etc ...	874
Storms, a Compendium of the Law of, prepared for the Bay of Bengal ...	787
Students' Hostels, Madras ...	1188
Sub-Assistant Inspectors of Schools ...	1067
—— Assistant Inspectress of Girls' Schools ...	1067
—— Magistrates and Deputy Tashildars ...	243
Subordinate Judges ...	677
—— Medical Department Changes in the Position and Designation of etc....	674
—— Medical Department, Indian (Madras)' ...	669
Subscribers to the Oriental Telephone Co. (Ltd.) List of.	287
Sub-Post Offices. List of Town.	372
Subsidiary Rules for Indian Medical Service ...	636
Summary of Act No. VI. The Indian Companies Act, 1882	518
—— of Act No. XXI. of 1860. for the Registration of Literary, Scientific and Charitable Societies ...	518,522
Sunday and Holy Days. Lessons for 1901 ...	947
—— School Union ...	1134
Sunthatha Sanga Nidhi, Pursewalkum ...	1172
Sun and Planets—Right Ascension and Declination of, for 1901 ...	52
Sun's Culmination—Meantime of ...	49,
—— Declination for 1901 ...	56
Superintendent of Family Payments and Pension ...	154
—— Government Railway Police, Office of the ...	71
—— of Jails ...	150
—— of Post Offices ...	730
—— of Prisons for Town of Madras ...	154
—— of Stamps and Stationery ...	154
Superintending Engineer, 5th Circle ...	154
Superior Grades of the Police in the Madras Presidency. Recruitment for.	362
—— Grades of Police. Examination of Officers of the, in Law and in the Vernaculars ...	303
Suppliers, Contractors, Produce Brokers, etc.	872
Surgeon-General with the Government of Madras ...	154
Surgeons-Assistant, in the service of Government throughout the Madras Presidency ...	673
—— and Inspectors under the Indian Factories Act ...	547
—— Dental and Dentists ...	874
Surrogates for granting Marriage Licenses ...	945
—— Rules for guidance of ...	954
Survey Department, Madras ...	149,255
—— Establishment of the Madras Presidency. Gradation List of ...	258
—— Department, Nominal Roll of, arranged according to Survey Divisions ...	255
—— Reports and Arbitration Awards of the Madras Chamber of Commerce...	82
Syndicate, Madras University.	1057
Syrian Catholic Church in Malabar ...	1017

T

	Page.
Table of Charges for Foreign Telegrams from India to Europe (excepting Russia and Turkey) via Suez or Teheran ...	414
—— of Charges for Foreign Telegrams from Burma to Europe (excepting Russia and Turkey) via Suez or Teheran ...	414
Table of Coins, Weights and Measures ...	882

	Page.
Table of Exchange—Pounds Sterling into Rupees ...	900,908
—— Rupees into Pounds Sterling ...	909,913
—— of Expense, Income or Wages for months of Twenty-eight, Twenty-nine, Thirty and Thirty-one days ...	914,917
—— of Fees for the High Court of Judicature ...	713
—— of Fees to be taken by Attorneys ...	716
—— of Fees to be paid on Canals and Public Ferries in the Madras Presidency	608
—— of Fees to be paid to the Registrar of Joint Stock Companies ...	520,521
—— of Fees to be taken by the Sheriff ...	718
—— of Fees for the Small Court, Madras ...	725
—— of Fees, Insolvency Court.	723
—— of Income for One day, Twenty-eight, Twenty-nine and Thirty days ...	897,899
—— of Interest for One Month	893
—— of Interest for One Year...	895
—— of Interest on Government and other Securities, etc.	891
—— of Military Staff Appointments and Salaries ...	639
—— of Salutes ...	135
—— showing the corresponding Months and Days of the English, Tamil and Malayalam, Telugu and Canarese and Mahomedan Calendar for 1901	7
—— showing Dominical Letters for 6,000 years of the Christian Era, New Style	11
—— showing the Equation of Time for 1901 at apparent Noon at Madras ...	50
—— showing the Mean Time of the Sun's Culmination for 1901 ...	49
—— The Dominical Letter being known it is easy to find the Day of the Week on which any month begins by the following..	12
Tahsildars ...	240
—— Deputy, and Stationary Sub-Magistrates ...	243
Tailors, Civil and Military and General Outfitters ...	872
Taluk Boards, District Boards and Union Panchayats under Madras Act V of 1884. Names of ...	566
Tamil Church, Royapuram ...	998
Tamil Mission, Madras ...	1129
—— Mission, S. P. G. ...	1222
Tanjore Trade List ...	1289
Tapti Valley Railway ...	847
Tarakeshwar Railway ...	849
Tariff, Import, Madras Sea-Custom House ...	492
Tax, Madras Municipal, on Arts, Callings, Professions and Trades ...580—582	
—— Madras Municipal, on Animals, Lighting, Vehicles, and Water ...	583
—— on Liquor Shops. Madras Municipal ...	585
—— Madras Municipal. Appeals against ...	585
Teachers' Certificates. Board of Examiners for ...	142
—— College, Saidapet ...	1067
—— Guild, Madras ...	1192
Technical Examinations, Government ...	340
Telegram Co. (Ltd.). Reuter's ...	825
Telegrams Table of Charges for Foreign, from Burma to Europe, etc. ...	414
—— Table of Charges for Foreign, from India to Europe, etc. ...	414
—— to Europe, Charges for ...	413
—— Rules for Inland ...	398
Telegraph Department Government of India ...	146
—— Co. (Ltd.). The Eastern Extension, Australasia and China ...	825
—— Railway ...	826
Telegraphic Money Orders, Indo-Ceylon ...	392
—— Money Orders, Inland ...	388
Telephone and Electric Company, Co. (Ltd.) ...	827,878
—— List of Subscribers ...	827
Telegu Canadian Baptist Mission ...	1007
Tellicherry Trade List ...	1289
Temperance League, Madras ...	1191
—— Society, Madras Diocesan Branch ...	1150
Templars, Independent Order of Good ...	1194
Tennis Club, Sirdar Jung Gardens, Royapettah ...	1155
Tent, etc., Manufacturers ...	879
—— Rattan Mats, Blind and Basket Manufacturers ...	879
Test Examinations, Special. Government Rules for ...	329
Teynampet Native Christian Association Lecture Hall ...	1183
Theological College, S.P.G. ...	1129
—— High School, Hindu ...	1142
Theosophical Society ...	1150

F

	Page.
Tinnevelly Trade List ...	1290
Tirhoot State Railway ...	850
Tiruvetteeswaren Pettah Literary Society and Reading Room ...	1165
Tobacconists and Cigar Merchants ...	872
Tondai Mandalam Literary Union, The ...	1184
Town Sub-Post Offices. List of.	372
Towns, Population of 177, as defined by the Census of 1881 and 1891 in numerical order.	568
Tract and Book Society, Madras Religious ...	1004
Trade Association, Madras ...	868
—— List, Madras ...	868
—— List, Mofussil ...	1276
—— Returns. List of Foreign Countries to be adopted in the ...	487
Trades, Arts, Callings, and Professions, Madras Municipal Tax on	580—582
Traffic Department, Madras Railway ...	860
Training School for Mistresses, Government, Presidency.	1067
—— School for Mistresses, Coimbatore ...	1067
—— Government, Hobart ...	1134
—— for Mistresses, Government Moran ...	1067
—— Triplicane, Muhammadan Branch ...	1067
Tramway Company (Ltd.), Madras Electric ...	844
Tranquebar Trade List ...	1291
Translators to Government ...	154
Transport Department, The Commissariat ...	630
Travancore Branch Railway ...	852
—— Directory ...	1269
—— Service Officers in the ...	1270
Treasure on all Railways, etc., Rates for ...	857
Trevandrum Trade List ...	1291
Trichinopoly Trade List ...	1291
Trinity Chapel ...	943
Triplicane Charity Club ...	1154
Trustees Lay, in Diocese of Madras, Rules relating to the Office and Duties of...	951
—— and Churchwardens ...	952
—— of the Madras Harbour Trust Board ...	799
Tuners, Repairers and Piano Sellers ...	877
Tuticorin Trade List ...	1293
Type Founders ...	879
Type Writers' Agents ...	879
—— Writing Institution, The Madras ...	1185

U

	Page.
Undertakers and Sculptors ...	879
Union, American British Missionary ...	1006
—— Girls' School at John Pereira's	1137
—— Hindu Literary ...	1146
—— Lutheran Young Men's Bible ...	1166
—— Middle School, Hindu ...	1141
—— Progressive, etc., Komalesswarnpetta ...	1165
—— Upper Primary School, Hindu ...	1141
—— Panchayats, District Boards and Taluk Boards under Madras Act V of 1884. Names of ...	566
—— Sunday School ...	1134
—— Tondai Mandalam Literary ...	1184
Unitarian Christian Mission of the British and Foreign Unitarian Association, The Madras ...	946
United Free Church of Scotland Mission. Schools of the..	1121
—— Spinning and Weaving Mills Co. (Ltd.), The Madras ...	829
University of Madras ...	154,1053
Upholsterers, Carpet and Furniture Manufacturers ...	879
Upper Secondary Examination. Government Rules for ...	325
Uranus's Satellites at Madras...	56

V

	Page.
Vaccination, Deputy Inspectors of ...	145
Vaccine Department, Madras Presidency ...	611
—— Depots, in the Town of Madras ...	597
—— Depots, Madras Municipality ...	611
Vakils, Advocates and Attorneys of the Madras High Court of Judicature—Rules for qualification of persons to be admitted as ...	017
—— Not practising ...	688
—— Not practising in Madras..	685
—— Practising in Madras ...	683
Vellore Trade List ...	1298
Vencatachellum, P. (M.E Mission) Upper Primary School, Narasingaparam ...	1143
Vepery District Parochial Schools ..	1128
—— S. P. G. High School ...	1130
Vepery S. P. G. Mission ...	1012
—— Presentation Convent, St. Joseph's ...	1131
Vernaculars, Examination of Bank Agents and Accountants in ...	308
—— Examination of Deputy Collectors in the ...	312
—— Languages, of Southern India, Rules for the Examination in, of other Officers as well as other persons not in the Service of Government ...	307
—— Languages of Southern India, Rules for the Examination of European and Eurasian Civil Officers of Government ...	304
Veterinary Department, Army..	672
—— Department, Civil, Madras Presidency ...	144
—— Hospital, Government, Saidapet ...	627
Vicariate Apostolic of Changnacherry ...	1017
Vice-Consuls, Consuls and Consular Agents in the Madras Presidency ...	144
Viceroy and Governor-General of India ...	82
Victoria Hospital for Caste and Gosha Women, Madras...	626
—— Public Hall, Madras ...	1164
Visits, Chaplains', to Out-Stations ...	948
Vizagapatam, Diocese of ...	1015
—— Trade List ...	1293
Vizianagram Maharajah's Girls' Schools ...	1142

W

	Page.
Wages—Table of Expense, and Income for months of Twenty eight, Twenty-nine, Thirty and Thirty-one Days ...	914,917
Walajanagar Trade List ...	1294
Waltair Trade List ...	1294
Warehousemen, Provisioners, General Mess Purveyors etc.	873
Warrant of Precedence ...	129
Watch, Clock and Musical Instrument Repairers ...	880
Water, Animals, Lighting and Vehicles. Madras Municipal Tax on ...	583
Weaving and Spinning Mills Co., (Ltd). The Madras United ...	829
—— and Spinning Co. (Ltd). The Southern India ...	830
Weights and Measures—Table of ...	882
Wesleyan Church, Royapettah..	945
—— Methodist Church ...	945
—— Mission College, Royapettah ...	1133
—— Mission Girls' Boarding School, Royapettah ...	1133
—— Mission Hindu Girls' School ...	1134
—— Missionary Society ...	998
Wills, Deposit of	513
Widows' and Orphans' Fund, Madras ...	1170
Wine and Spirit Merchants, Commission Salesmen, etc. ...	873
Woman's Mission Association, S. P. G. ...	1144
—— Association for Foreign Missions, Church of Scotland ...	997
Women, Children and Men. Government General Hospital for ...	613
Women's Home and Foreign Mission ...	1006
—— Royal Victoria Hospital for Caste and Gosha Women ...	626
—— Workshops, Bellary ...	1222
—— Workshops, Madras Friend-in-Need Society's ...	880,1140
Workhouse, Government, Royapooram ...	1173
Working and Constitution of the College of Agriculture, Saidapet. Rules for ..	1100
Works, Madras Cement and Tile (Ltd.) ...	830
—— Madras Harbour ...	148,798

Y

	Page.
Young Men's Christian Association of Madras ...	1178
—— Hindu Association ...	1180
—— Hindu Union Association	1179
—— Ladies, St. Mary's Seminary for	1131
—— Men's Bible Union, Lutheran ...	1166

Z

	Page.
Zenana Missionary Society, Church of England ...	967
Zion Church ...	943

APPENDIX.

	Page.
Map of the City of Madras, showing the Residence and Principal Business Houses	1317
Rules for Calling in Madras	1317
List of Residents	1317
Domestic Occurrences	1341
Acts passed by the Governor-General of India in Council during the year 1900, applicable to the three Presidencies—	
Act I.—(Not applicable to Madras.)	
„ II.—An Act to amend the Transfer of Property Act, 1882	1
„ III.—An Act to consolidate the Law relating to Prisoners confined by order of a Court	3
„ IV.—An Act to Authorize certain Companies registered under the Indian Companies Act, 1882, to keep Branch Registers of their Members in the United Kingdom	12
„ V.—An Act further to amend the Whipping Act, 1864	12
„ VI.—(Not applicable to Madras).	
„ VII.—An Act to amend and provide for the further continuance of the Currency Conversion (Army Annual) Act, 1899	13
„ VIII.—An Act to amend the Indian Paper Currency Act, 1882, as amended by the Indian Paper Currency Act, 1898	14
„ IX.—An Act to provide for the Court-fee payable on certain Applications to the Court of the Financial Commissioner of the Punjab.	15
„ X.—An Act to provide for certain matters in connection with the taking of the Census	15
„ XI.—An Act further to amend the Indian Limitation Act, 1877 ...	18
„ XII.—An Act to amend the Law of Evidence with respect to Bankers' Books	18
Acts passed by the Governor-in-Council of Fort St. George, Madras—	
Act I.—An Act to secure to Tenants in the Malabar District Compensation for Improvements	18
„ II.—An Act to amend the Madras Coffee-stealing Prevention Act, 1878	22
„ III.—An Act to amend the Madras Harbour Trust Act, 1885	23
„ IV.—An Act to amend the Madras Proprietary Estates' Village Service Act 1894, and the Madras Survey and Boundaries Act, 1897 ...	23
„ V.—An Act to Amend Madras Act VII of 1865	25
„ VI.—An Act to further amend Madras Act V of 1884. (The Madras Local Boards Act, 1884)	24
Unrepealed Acts of the Government of India, applicable to the Madras Presidency	52
Unrepealed Regulations of Government of Fort St. George, &c.	56
Unrepealed Acts of the Government of Fort St. George, &c.	56
Alphabetical List of Unrepealed Enactments	57
Index	62

ADVERTISEMENTS.

A Form of Life Assurance (left hand cover).		Madras Ice Manufacturing Company ...	VIII
Branch Elphinstone Hotel ...	XXII	Madras Portland Cement, Brick and Tile Works ...	XVII
Chartered Bank of India, Australia and China ...	VI	McDowell & Co., (Bahadur Cigars) ...	XX
Commercial Hotel ...	IV	Metha, T. B. & Sons ...	V
Cotton Manufactory, Calicut ...	VII	National Bank of India (Limited) ...	XVI
D'Angelis, G. ...	XII	Pratt & Co. ...	VII
Del Tufo & Co., (Cycle) ...	XIII	Singer Manufacturing Company	IX
Del Tufo & Co., (Artists) ...	XIV	Soundararajam & Co. ...	VIII
Framjee Pestonjee Bhumgara...	XVIII	Spencer & Co. (Ltd.), (Cigars).	XIX
Fenn & Co., J.	XXI	Standard Policies ...	XXIII
Grahame & Co. ...	VIII	The City Stables, Madras ...	XXII
Harrison & Co. ...	IV	The English Drug Company ...	II
Laguduva Kuppiar and Sons, Madura ...	III	The Presidency Furniture Hall.	I
Lawrence Asylum Press ...	X,96	The Standard Life Office (left hand cover)	
Leese & Co. J. ...	XXI	Victoria Family Hotel ...	XXI
Madar Saib, L. & Co. ...	VIII	Yousuff Sait, M. ...	XI
Madras Equitable Assurance Society ...	XV		

RETROSPECT FOR 1900.

HOME.

THE year just closed was an anxious one for England in particular, so much so, that domestic legislation was discounted, and the public mind concentrated upon the vicissitudes and anxieties of the war in South Africa, and the crisis in China. The tale of the close of the fourteenth Parliament was not a long one. The lack of public interest in Parliamentary proceedings, the second-rate quality of the measures presented and carried, the practical agreement, not confined to the majority only, to put certain great controversial questions out of the range of legislation, the reluctance to touch subjects like the licensing laws, old age pensions and church discipline, all pointed in the same direction. This Parliament fulfilled its mission and exhausted its mandate. The operations in South Africa demanded a large increase in military expenditure. The experiences of a great war necessarily afford lessons of the greatest importance to the military administration, and Her Majesty was convinced that Parliament would shrink from no outlay to place the defensive preparations on a level with the responsibilities of so great an Empire, nor relax its solicitude for the efficiency of Naval and Coast defences while other nations work ceaselessly to perfect their naval preparations. The Queen's speech at the close of the session began with a noticeable variation of phrase; usually Her Majesty began her speech and alluded to the fact that her relations with "Foreign Powers" continued to be friendly. The words used on the present occasion were "My relations with the Powers of Europe and America continue to be friendly." This is, it is believed, the first instance in which America was specifically mentioned, and the word "Foreign" consequently dropped. The new form was rendered necessary by the fact that operations were still proceeding in Africa and had just begun in the Far East. Her Majesty went on to state that she had given her assent, with sincere pleasure, to the Act establishing the commonwealth of Australia, which will weld together in close and indissoluble union the federating colonies, and will add to the strength and resources of this portion of the British Empire. The war in South Africa, into which England had been forced by the aggressive action of the two Dutch Republics, had not reached its conclusion; but the British armies had driven back the invaders beyond the frontiers they had crossed, and occupied the two capitals of our enemies and much of their territory. Her Majesty said, that the operations which had been conducted for this purpose had in many parts been marked by brilliant skill and success, and had plainly placed in the strongest light the heroism and the high military qualities of the troops who had been brought together from England, from Canada, from Australia and from South Africa. Believing that the continued political independence of the two Republics would be a source of constant danger to the peace of South Africa, Her Majesty had authorised the annexation of the Orange Free State to the British Empire, and the hope was expressed that this would be the first step towards the union of races under institutions which, while establishing from the outset good and just government for all, might be in time developed so as to secure equal rights and privileges in South Africa. Speaking before the news from Sir Claude Macdonald and the other Ambassadors had come to hand, and before the results of the march from Tientsin to Peking had been advised, Her

Majesty said the British and other Legations at Peking had been unexpectedly attacked by an insurgent mob, and it was feared that many of their inmates had been brutally murdered. Continuing, she said:—"How far Chinese authorities were accomplices in this atrocious crime, and whether the British Minister and his family have been among the victims, are matters that are still in some uncertainty. The utmost efforts will be made by myself and my allies to visit with worthy punishment the authors of this unexampled crime. I have sent a considerable force of British and Indian troops to assist in protecting the interest of Europeans in the country, and have largely reinforced my squadrons in those waters." Her Majesty expressed regret that a rising of the Ashanti and other tribes in the neighbourhood of Kumasi made it necessary to despatch an expedition for the relief of that place, where the Governor of the Colony was besieged by overwhelming numbers. Her Majesty had learned with satisfaction that her troops, entirely of local levies under British officers, had effected the object of the expedition, in spite of the stubborn resistance of the insurgent tribes and the great difficulties of climate and season with which they had to contend. Her Majesty went on to note that in India the failure of the rains last autumn had caused intense and prolonged distress over a large part of the country. The Queen said, "Strenuous and persistent endeavours have been made by my Government to relieve suffering and prevent starvation. The self-denying efforts of my officers, and of the many private persons who joined in the relief operations, deserve the highest commendation. Though the fall of rain has been abnormally late, it is hoped that its volume may be sufficient to rapidly curtail the present area of distress and restore to the people their previous means of livelihood. The epidemic of plague continues, but the extent and virulence of the disease have decreased, and there has been a marked diminution in the mortality." Her Majesty said, that although the time had not been favourable to legislation upon internal questions, she was able to congratulate the House upon having added to the State Book several enactments which will be advantageous to industry and commerce. "The passage of a measure for increasing the security of tenant-farmers in the value of their own improvements, and for extending the law of compensation for accidents to the farm labourer, will have a beneficial influence upon agriculture. A valuable Bill has been passed with the object of preventing the accidents to which railway servants have been exposed in the performance of their duty. The Bill for the regulation of limited companies, and for the discovery of fraud in the conduct of them, will supply a want that has long been keenly felt. The Bill that has been passed for regulating the business of money-lenders will also tend to check transactions of an oppressive and injurious character. The measure passed for facilitating the erection of dwellings for the working classes will afford some assistance in the solution of a problem of which the difficulty appears to increase with every succeeding year. The Ecclesiastical Assessments (Scotland) and the Tithe Rent-charge (Ireland) Acts will remove long-standing causes of friction and injustice. Measures have also been passed for augmenting the Naval Reserves and for rendering the Volunteer forces more available for purposes of home defence."

Parliament was dissolved on the 25th September, and the new Parliament met on the 1st November. There have been fourteen Parliaments since Queen Victoria succeeded to the throne on 20th June 1837. There have been twenty Prime Ministers of England since the century began. Lord Sidmouth was the first, holding office for four years. He was a sincere Tory, and his administration was distinguished for no great event, save only the Peace of Amiens. He was succeeded by William Pitt, one of the greatest statesmen that England has ever produced. He had the confidence of the nation to a degree which rendered the public regard for him almost idolatry. In foreign more than domestic politics was his ability the more marked. Lord Grenville is best known as the head of the "Ministry of all the Talents," which he formed in 1806. Its

chief feat was the abolition of the Slave Trade. The third Duke of Portland was Whig Premier in 1793 and from 1807 to 1809, but his best work was done as Home Secretary under Pitt. He was succeeded by Spencer Perceval, chiefly famous for the manner of his death. The unfortunate statesman was assassinated in the lobby of the House of Commons. He had been Chancellor of the Exchequer before becoming the head of affairs. He held chief office from 1809 to 1812. The Earl of Liverpool in 1812 formed a Tory Ministry which lasted for fifteen years. He united the Tory party at a critical period in its history, and though his policy generally was coercive and reactionary, he was a sound and enlightened Financial Administrator. George Canning was Prime Minister from February to August 1827, when his health gave way under the cares of office. He was one of the strongest Foreign Ministers England ever had, holding that post both in the Portland and Liverpool administrations. Viscount Goderich, afterwards created Earl Ripon, became head of a Tory Administration in 1827, which only lasted seven months, and was entirely undistinguished during its brief life. The Duke of Wellington was Tory Premier from 1828 to 1830, when his opposition to Reform brought about his fall from power. In 1834, owing to the temporary absence of Sir Robert Peel, the Duke held the three offices of Foreign Secretary, Home Secretary and First Lord of the Treasury, and for three weeks was practically Dictator of England. On the "Iron Duke's" fall Earl Grey formed a Whig Government, whose watch-word was "Peace, Retrenchment and Reform." He introduced the first Reform Bill in 1831, and carried the third in 1832. Lord Melbourne held office when the Queen came to the throne, and left it in 1841. Her Majesty said of him: "For the first two and-a-half years of my reign he was the only friend I had." Sir Robert Peel, Tory Premier in 1834-5 and from 1841 to 1845, was reviled by his party at one time for persisting in the course of Free Trade, but was too high-principled to desist from a policy which he thought beneficial to the country, even though his own career was threatened with destruction. Lord John Russell, Whig Premier, 1846-7 and 1865-6, had one great quality courage. The French Ambassador said of him: "His courage and his brains are as great as his body is small." His skill in debate made him a terror to his opponents. The Earl of Aberdeen took office in 1852 as a Whig, and during his administration the Crimean War took place. The fourteenth Earl of Derby began his political life as a Whig, but he held office in 1852 to 1858, and 1866 as a Conservative. It was he that gave the country household suffrage, denounced by affrighted Tories as "a leap in the dark." Lord Palmerston, who governed the country from 1855 to 1858 and from 1859 to 1865, was ostensibly a Whig, but would be called a Jingo if he lived now. He was a born diplomatist, and had a transcendent genius for treaty-making. He regarded England as the greatest country in the world. Lord Beaconsfield, Conservative Premier in 1868 and from 1874 to 1880, was one of the Queen's favourite Ministers. He had an imagination which took a concrete form in giving the Queen a new title and securing for England the control of the Suez Canal. He educated his party, and was the inventor of "Tory Democracy." William Ewart Gladstone, Liberal Prime Minister in 1868, from 1880 to 1885, in 1886, and from 1892 to 1894, was one of the greatest personalities of the nineteenth century. His party followed him with passionate devotion; his opponents hated him with a fervour that had seldom been seen in politics. He was, undoubtedly, the greatest orator of his generation, but the heat of party strife has not sufficiently cooled for us to judge impartially of his statesmanship. The Earl of Rosebery was Liberal Premier in 1894-5. His knowledge of foreign affairs is excelled only by Lord Salisbury's. He is a man of vast wealth and great culture, and being young, as statesmen go, can afford to wait. Lord Salisbury, the present Conservative Premier, held that position in 1885-6 and from 1886 to 1892. He comes of a line of statesmen, and is the greatest of that line. He, in a time of the greatest danger, when the red flame of war was ready to leap up at any time,

kept the peace for Europe. Yet he has not hesitated to draw the sword when the honour of England demanded it. On the Continent he is the most respected of living statesmen, and his countrymen have confidence in his sagacity and experience.

On the 4th April, as the train by which H.H. the Prince of Wales was travelling to Denmark was leaving the Nord Station at Brussels, an individual fired a revolver at His Royal Highness, but without touching the Prince. The person who fired was a youth of sixteen, a tinsmith by trade. He gave his name as Sipido, and his address as Rue de la Forge, at Saint Gilles, Lez Bruxelles, a suburb of Brussels. His pockets were stuffed with Anarchist literature. Sipido, with revolver in hand, jumped on to the step of the Royal saloon, in which were the Prince of Wales, the Princess, and a gentleman who was not in uniform. Thrusting the pistol against the glass of the door he fired two shots in the direction of the Prince, happily hitting no one. He was about to fire a third time, when the Station-Master rushed forward and struck him on the arm. The next instant two railway employés knocked the man down. He was quickly surrounded and taken off to the offices of the Station Inspector. The Prince of Wales, who remained quite undisturbed, asked one of the officials if his assailant had been arrested, and then intimating that he was not hurt, orders were given for the train to proceed. Sipido in subsequent cross-examination said he wanted to kill the Prince of Wales because His Royal Highness had caused thousands of men to be slaughtered in South Africa.

On the 3rd April Her Majesty the Queen made a State visit to Ireland, which lasted 23 days. In bidding farewell to Ireland the Queen ended a visit which will rank as one of the most memorable of her reign. The loyalty and affection shown to Her Majesty far surpassed the highest anticipations, and the Queen's gratification at her reception was only equalled by the delight of the Irish at having their Sovereign amongst them so long and finding her so eager to know them better. There were said to have been few spare moments in the Queen's last days in Ireland. Even the morning's drive in the donkey chair was utilised to receive visitors or to make short excursions. The afternoon's outings took Her Majesty further afield, while dinner parties, with music to follow, closed a long day—not to mention the usual daily State business which the Queen transacted fully. Visitors of varied grades were coming and going all day long at the Viceregal Lodge. One day there was the reception of deputations from all parts of Ireland, bringing loyal addresses to the number of some forty. Her Majesty sat in the centre of the drawing-room with the Princesses and the Duke of Connaught, whilst the deputations came up one by one and presented the addresses, which the Queen took as read, laying them on a table by her side. Another day brought all the nurses of Dublin to the Queen's presence, the Jubilee Institute nurses being received in the morning, and the matrons of the Dublin Hospitals in the afternoon. Several of these ladies were presented, and they offered a joint address of welcome. Nothing is more effective as a spectacle than a military review, and the Queen's inspection of the Dublin troops proved a very fine display. It was a brilliant summer's day—Queen's weather indeed—and the 7,000 troops drawn up in the polo ground in Phœnix Park are said to have looked their best. All around was a dense crowd, people pouring in from town and country alike till not an inch of space was left. Bluejackets, infantry and cavalry made up the contingent—a gallant show as the Queen drove up in semi-state with her escort of Household Cavalry, her two daughters accompanying her, and the grandchildren in the carriage behind. As the Irish marked with pride, silver shamrocks shone in the Queen's bonnet, and the National emblem was embroidered on her parasol.

COLONIAL.

East Africa.

After an investigation which lasted over nearly eleven years, the award of the Delagoa Bay Arbitration was published, and proved a huge disappointment to the speculators who had recently been purchasing the railway securities. The award, which is unanimous, directs Portugal to pay to the United States of America and Great Britain, in addition to the £28,000 sterling paid in 1890, the sum of 15,314,000 francs (Swiss currency), together with interest at the rate of 5 per cent. per annum, from 25th June 1889 up to the day of payment. The following is the text of the award:—"(1) The Portuguese Government, the defending party, is condemned to pay to the Governments of the United States of North America and to Great Britain, the claimants, altogether, in addition to the £28,000 paid on account in 1890, the sum of 15,314,000 francs—in legal Swiss money, with simple interest on this sum at the rate of 5 per cent. per annum from 25th June 1889 up to the date of payment of the said sum. (2) This sum, after deduction of what is necessary to defray the cost of the arbitration falling on the claimants, and in addition to the balance of the £28,000 paid on account in 1890, shall be employed in the payment of the bondholders and other creditors, if there is need, of the Delagoa Bay Railway Company, according to their standing. The claimants will draw up a scale of distribution for this purpose. The Portuguese Government will have to pay into the hands of the Government of the United States the sum which, according to the said scale, shall accrue to Mrs. MacMurdo, represented by the said Government in her quality of bondholding creditor of the first and second degree. It will pay the surplus to the Government of Great Britain for the benefit of all the others having rights. (3) The delay of six months, fixed by the last line of clause 4 of the arbitration compromise, shall run from this day forth. (4) As to the costs, the expenses of the parties are allowed. The cost of the arbitration, according to a scale to be drawn up in accordance with clause 5 of the arbitration compromise, will be borne in equal parts by the three parties to the suit; that is to say, a third part by each of them.

The additional sum of nearly £2,000,000 which Parliament was asked to vote for the Uganda Railway once more brought this East Africa line prominently before the British public. It must be admitted that an increase of £2,000,000 on an original estimate of £3,000,000 is a serious matter, but the explanation put forward by the officials in charge of the construction fairly justified the fresh demand. The original survey was necessarily made under very great difficulties, because much of the country was quite unexplored, and a very large part altogether waterless. Accurate estimating under such conditions could hardly be expected. Moreover, as the line progressed the Government began to realise that if the railway was worth building at all it was worth building well, so as to avoid constantly-recurring expenses for repairs. An examination of the revised estimate showed that both in the matter of ballasting and of bridging the expenditure was very greatly increased. A more liberal allowance of ballast was wanted to prevent the earthwork being washed away by the heavy rains, and in the same way wider bridges were necessary to span watercourses which are dry at one season and at another season are broad torrents. Another increased item was for additional railway stations. When Major Macdonald made the original survey for the line seven years ago, there was no anticipation of any important local traffic; the only object in view was to get some kind of line through to the Great Lake as quickly as possible. Experience has, however, shown that the natives of the country and Arab merchants from the coast fully appreciate the advantages of railway travelling, and already a considerable traffic has sprung up on the portion of the line that has been completed. In the half-year ending 30th June 1899, when

about 280 miles were open for traffic, the amount received by the railway in third-class fares from the public was a trifle over £6,000. The local goods traffic during the same period was £12,000. It is therefore reasonable to expect that as the country becomes more settled, population will gather along the line of the railway in the healthy uplands, and a fairly brisk traffic with the coast on the one hand and the lake on the other will spring up.

South Africa.

In spite of the sudden outbreak in China, which for the time drew away public attention from South Africa, general interest was awakened when Lord Roberts' rapid advance to the north of the Orange Free State revealed all the great resources of generalship and organisation still possessed by our military system, and confirmed the nation's confidence in the gallantry, discipline and dash of the army. As this northern march proceeded, the real magnitude of the military task in South Africa became stupendously apparent. Judged even by Continental standards, the manipulation of an army of 200,000 men is no small thing, but when it is remembered that this army was operating some 6,000 miles from the mother country, and that it had over 4,000 miles of communications to protect, it may fairly be claimed that Great Britain was engaged in an enterprise on which no Continental nation would embark, and nothing but Great Britain's overwhelming preponderance on the seas enabled her to attempt the task. The country put forth its power and intelligence, and the effect was apparent elsewhere than in South Africa. The increasing respect with which the foreign press spoke of England, and especially the flattering references to Great Britain made in Berlin in connection with the meeting of the Emperors, constituted a significant tribute to the revelation of British power, of which South Africa was the theatre. When the war is over the British army will have gone through an ordeal which will be worth to it many Army Corps if its lessons are properly applied. This experience should prove a fresh source of strength to the Empire, and should enable its diplomacy to assert itself again with something of its old spirit. What England has proved in South Africa is a great deal more than her capacity to vanquish the Boers and establish British supremacy from the Cape to the Zambesi, great though that task is. So far as foreign Powers are concerned the campaign was above all a test of the solidarity of the Empire, and of the ability of the mother country to protect its numerous and remote dependencies. Before this war broke out a dangerous impression got abroad, that England's responsibilities had outrun her resources, and that the Empire was a loose and artificial aggregation of incongruous communities, which only had to be touched to fall to pieces. The magnificent spontaneity with which the Colonies rallied to the assistance of the mother land, the wonderful efficiency of our sea transport, the ubiquitous readiness of the fleet, and the remarkable resources of military material which the nation had discovered, completely wrecked the delusions of her enemies. The world now knows that the British Empire is a solid reality, and that the tradition of its power is no mere legend.

Nor was India behindhand in her loyalty to the Queen, for amid the many splendid manifestations of loyalty, patriotism and generosity evoked by the war in South Africa, which came from every part of the British Empire, we can feel a just and a legitimate pride in the part India has borne in the crisis. Striking evidences of loyalty, deepened and intensified with the news of each check or reverse, was forthcoming from all classes and communities in the country, and Lord George Hamilton, in eulogising this great demonstration of the imperialist spirit which animated all India, did but echo the gracious message of thanks Her Majesty conveyed to her Eastern subjects through Lord Curzon. It is, moreover, a source of especial gratification that India's loyalty had not been mere frothy sentiment, but had been evidenced in a very

real and practical manner. There is no doubt that the promptness with which the first Indian Contingent was thrown into Natal saved the Colony and frustrated the brilliant and daring scheme of a combined Boer advance which was to drive the English into the sea; and if the Home Government hesitated to draw largely upon India's military resources, it was through no fear that the demand would not be cheerfully and readily met, but because political reasons made such a course inadvisable. Indian troops would have at once been made available had the Home Government not intimated that their employment was undesirable, and it was in these circumstances that the offer of two batteries of artillery, a regiment of cavalry and a mounted infantry detachment was made and gratefully accepted. If the native troops were denied the opportunity, in a semi-military capacity, British Indians did admirable work in Natal. Two thousand remounts from the native cavalry and Imperial Service regiments—hardy country-breds which make ideal mounts for the mobile force of infantry—were despatched, accompanied by 1,000 drivers, drawn from the various transport corps. Three hundred wiry little Burmese ponies, admirably adapted for work over bad ground, were sent for the same purpose. These remounts were not despatched in the rough, to draw their equipment from the overburdened factories at home; the Government establishments at Cawnpore and Madras furnished full equipment for 2,300 mounted infantry, and all that was left for the home authorities was to find the men. The native States also were anxious to prove their loyalty by offers of assistance, and knowing that it had been decided not to employ Indian troops, tendered horses and transport trains. Government gladly accepted these offers to the extent of 600 horses from the Imperial Service cavalry, 80 trained battery horses from the Maharajah of Cashmere, 300 artillery horses from the Maharajah Scindia of Gwalior, 50 from the Nawab of Rampur, and 100 from the Maharani Regent of Mysore. The ruler of Cashmere supplemented his timely offer of horses by one equally apposite, of 30,000 pairs of woollen putties. The outburst of generosity, which swelled the Mansion House War Fund to over £1,000,000 sterling and covered Great Britain with organisations for the relief of soldiers' wives and children, also had its counterpart in India. Smitten sorely as the land was by famine and plague, many gave of their small store, and the Lord Mayor's collection was swelled by Rs. 1,21,041 subscribed in Calcutta, and Rs. 84,457 in Bombay and Madras. The British India Steam Navigation Company led the way in private munificence by placing their fast steamer *Dwarka* at the disposal of the Government to carry General Tucker, General Hector Macdonald, and their staffs, to the Cape, free of all charge; whilst, as an example of the interest felt by soldiers of native States in the war, the Imperial Service Lancers of the Sirmur State quite voluntarily subscribed one day's pay to the Transvaal Fund. The Anglo-Indian community in India is so small, and individual members are bound so closely to their professions and businesses, that India could not vie with the great colonies in offers of volunteers for service. But here again the country did its duty right well. Some adventurous spirits made their way to Natal in the hope of seeing service with the Imperial Horse, and the Government accepted Colonel Lumsden's offer to raise two companies of Imperial Yeomanry. Colonel Lumsden, who did good work in command of the Assam Valley Light Horse, contributed half-a-lakh of rupees towards the cost of equipping the 250 recruits. Ceylon raised a full company of Imperial Yeomanry, and it would have been easy enlisting double that number in India.

The war in South Africa, notwithstanding guerilla fighting was still going on when the year closed, has lasted a little over twelve months. Though the end was as inevitable as the war itself—for Mr. Kruger deliberately chose rather to lose all than admit the Uitlanders to any share of power—it was long delayed. The following

narrative is not an attempt to deal with the military or political problems raised by the war, but is a brief record of the chief events of the campaign, recalling perhaps to the mind of the reader some forgotten incidents of the long-drawn and obstinately-waged war. It was on the 9th October 1899 that President Kruger addressed his Ultimatum to the British Government, and two days later hostilities began, the Boers under General Joubert invading Natal in force. At the same time Mafeking was invested, and within a fortnight the siege of Kimberley had commenced. Interest in the war centred for sometime in Natal. General Joubert's progress southward was not opposed until Dundee was reached. Here, on the 19th October, the first battle was fought, and the gallant General Penn-Symons met his death whilst leading on his men to victory. The Boers, though defeated, were not dispirited; indeed, the British position at Dundee and Glencoe was altogether untenable. General Yule, by a masterly retreat, brought his troops safely to Ladysmith, where General Sir George White was in command of a force of some 10,000 to 12,000 strong. The brilliant victory of Elands Laagte was followed by the disaster at Nicholson's Nek on the last day of October. This reverse enabled the Boer leader to close round Ladysmith, and from that time the town was closely invested. About the same period the troops sent out from England began to arrive in South Africa, and General Sir Redvers Buller sailed for the Cape in order to take up the supreme command. In the early days of November the Boers invaded the northern parts of the Cape Colony. General Cronje, who had at first directed the operations against Colonel Baden-Powell at Mafeking, now came south in order to oppose the advance of Lord Methuen, who, at the head of a fine division, including the Guards and Highland brigades, was advancing to the relief of Kimberley. In a series of three engagements—Belmont, 23rd November (where the Marines lost half their men), Graspan, 25th November, and Modder River, 28th November—the British were successful. During November, too, some severe fighting had taken place outside Kimberley, where amongst the besieged was Mr. Cecil Rhodes. Meantime neither side was inactive in other parts of the field of war. General Gatacre was in the centre between Methuen and the forces in Natal, to which Colony General Buller had himself gone to conduct the Ladysmith relief operations. It was at this time that a series of disasters to the British arms saddened all at Home. On the 9th December Gatacre was repulsed by Commandant Olivier at Stormberg; two days later the bloody field of Magersfontein saw Methuen beaten and the gallant Highlanders decimated, whilst on the 15th General Buller himself met with a severe reverse and the loss of 11 guns in an attempt to cross the Tugela at Colenso. This ended the first period of the war. The news of the disaster to our arms in South Africa strengthened the determination of the Government and the country to persevere in the struggle. Measures were taken to largely reinforce the troops at the front, and Lord Roberts, with Lord Kitchener as Chief of Staff, was appointed Commander-in-Chief, General Buller's command being confined to Natal. The offers of help from the Colonies and from Volunteers were now largely made use of, and finally over 200,000 men were sent to South Africa. With the forces raised in Cape Colony and Natal, the total strength of the British Army reached nearly a quarter of a million. Buller's force in Natal was strengthened by the arrival of Sir Charles Warren's division, and renewed efforts were made to relieve Ladysmith. The garrison of that town, which had a sharp encounter with the enemy on the 9th November, had a severe day's fighting on the 6th January, the Boers attacking the outlying positions with great gallantry. Eventually the assailants were beaten off. On the 23rd January Buller's forces crossed the Tugela at a point higher up the stream than Colenso, and on the 23rd the commanding height, known as Spion Kop, was seized by General Woodgate. But the hill proved untenable—at least it was abandoned by the British after suffering severe loss, and the whole force fell back beyond the Tugela on

the 28th January. Subsequently Sir Charles Warren, who directed the operations on this occasion, was censured for some of his arrangements by Lord Roberts, and Sir Charles was transferred to a less important post in Cape Colony. General Buller's efforts to relieve Ladysmith continued, but at Vaal Kranz he was again forced to retire. Finally, the Tugela was crossed to the east of Colenso, and the Boers were completely defeated at the battle of Pieter's Hill, fought on Majuba Day (February 27). On the following day Ladysmith was relieved, the Boers, however, succeeding in removing all their guns and stores. Majuba Day, 1900, was not alone marked by the defeat of the Ladysmith Boers, for on that anniversary of the disaster to the British arms in 1881 the enemy suffered another severe blow in the surrender of Cronje and his men at Paardeberg. In the early days of February Lord Roberts had completed his arrangements for a forward move into the Free State. A wide flanking movement from Modder River took General French (the hero of Elands Laagte) with a fine body of cavalry far past Cronje's lines at Magersfontein, and on the 15th February Kimberley was relieved. Too late Cronje realised his danger, and, abandoning his trenches, fled eastward towards Bloemfontein. Hotly pursued by Generals Kelly-Kenny, Kitchener and French, Commandant Cronje was brought to bay at Paardeberg, where, on the 20th February, an attempt, ordered by Lord Kitchener, to carry his laager by assault, failed, the Canadians suffering heavily. Lord Roberts hastened to the front, and Cronje was effectually cut off from all hope of help, though Christian De Wet strove hard to break through the British lines. Circled in by forces outnumbering his by ten to one, the Boer leader's fall was sealed. Early on the morning of Majuba Day Commandant Cronje surrendered unconditionally, and he was thereafter sent to St. Helena with the bulk of his force of 4,000 men. With Ladysmith and Kimberley relieved public interest now fastened on Mafeking, where the gallantry and confidence of the ever-resourceful Baden-Powell had excited all under him—picked Colonials for the most part—to heroic deeds. Bloemfontein had been occupied by Lord Roberts on the 13th March, and thereafter the chief attention of the Commander-in-Chief was for some time necessarily concentrated in securing the line of communications and clearing the Boers out of the Free State. The masterly retreat of Commandant Olivier excited general admiration, whilst General Gatacre's failure to relieve a small British garrison at Reddersberg led to his return to England. But in the public mind the peril of Mafeking absorbed all attention. When in the middle of May came the news that the Boers under Sarel Eloff had penetrated into the town, but after a day's fighting had been defeated and 100 made prisoners by the starving British, it seemed hardly credible. It was, however, followed by the welcome tidings that a strong flying column from Kimberley under Colonel Mahon, helped by Plumer's men from Rhodesia, had relieved Mafeking (May 16), and this occasioned an outburst of rejoicing throughout the British Empire unparalleled in recent years. About the time that Mafeking was relieved Lord Roberts began to move northwards again. During the stay at Bloemfontein the enemy under De Wet had shown themselves daring and resourceful—the trapping of the British at Sanna's Post on the 31st March, when Broadwood lost seven guns, may be instanced—but when the general advance was made the Boers declined battle, except at Kroonstadt, and the Vaal was crossed unopposed on the 29th May. The Boers, under their new Commandant, General Louis Botha—for General Joubert had died at Pretoria on the 27th March—gave the British considerable trouble outside Johannesburg, and in this fighting the Gordons and the City Imperial Volunteers greatly distinguished themselves. Johannesburg surrendered on the 30th May, and Pretoria was occupied by Lord Roberts on the 5th June, Botha and the bulk of his forces retiring eastward to Middleburg, whither the fighting Burghers had been preceded by Mr. Kruger and the members of the Boer Government. The later stages of the war were marked

chiefly by the brilliant exploits of Christian De Wet, who again and again raided the British line of communications, wrecked trains, captured supplies, and took prisoners by the hundred. In consequence of these events General Colville's Division was broken up, and the General himself returned to England. Finally, Generals Hunter, Rundle, Clements and Hector Macdonald cornered the bulk of the Free State Boers near Ficksburg. Commandant Prinsloo and over 4,000 Burghers were forced to surrender to General Hunter, but De Wet had previously separated from his companions and gone north, whilst Commandant Olivier refused to surrender with Prinsloo and made good his escape. Elsewhere than in the Free State fair progress was being made. General Buller, after a somewhat long rest at Ladysmith, advanced during May, cleared Northern Natal of the enemy, and on the 14th June, having turned the Boer position at Laings Nek, entered the Transvaal. By the 7th July he had occupied the whole line of railway to the Rand, and on that day visited Lord Roberts at Pretoria. During July General French advanced eastward and occupied Middleburg, but the further British advance was not immediately pressed, owing to the activity of De Wet and the Boers in the Rustenburg district. With the advance of General Buller eastward towards Belfast and the occupation of Machadodorp in the last days of August, the final act of the war began. Mr. Kruger again fled further east along the railway, and the Boers split up into various parties, the bulk going with Louis Botha towards Lydenburg, whither they were followed by General Buller. On the 13th September Mr. Kruger fled to Delagoa Bay with the intention of sailing for Europe, and about the same time Louis Botha resigned his command of the Boer Army, and was succeeded by Ben Viljoen. It remains to be said that the Orange Free State was formally annexed to the British Empire on the 28th May and given the title of Orange River Colony, whilst the South Africa Republic was proclaimed to be part of Her Majesty's dominions on the 1st September, and is to be henceforth known officially as the Vaal River Colony.

The most striking feature in the continued guerilla warfare waged in South Africa during the close of the year was the immense area the Boers' raiding parties succeeded in covering. The western frontier was disturbed from Warrenton to Kimberley. General Hunter's march through the Free State was accompanied by incessant skirmishing. Roving bands of irreconcileables were reported on the outskirts of Bloemfontein and on the Natal and Delagoa Bay railways, and the Boers had pushed east as far as Vryheid, whence they threatened a further descent into Natal. The southern districts of the Orange River Colony were in a ferment, and Commandant De Villiers, forced out of Griqualand, attempted to stir up strife in the Douglas and Campbell districts of Cape Colony. The fact that there was no security for life or property, outside the range of British guns, over a tract of country 500 miles long and more than 350 broad, at this stage of the operations, may have engendered impatience at the apparent slowness of Lord Roberts' measures; but this outburst of Boer activity was attended by ridiculously disproportionate results. In the constant petty skirmishes the raiders were invariably worsted. Only one minor success stood to their credit—the capture of a traction engine with stores within nine miles of Kimberley. Against this we have to set Colonel Le Gallais' brilliant little action at Bothaville, where the Boers lost 153 men and seven guns. This was but the complement to General Knox's tactics to head De Wet off from the Vaal Drifts, when the redoubtable Commandant was so badly hustled that he had to abandon two guns and several waggons. With his claws thus cut the elusive Commandant found his sphere of activity considerably curtailed. At Vryburg the Boers lost another seven men, Lord Methuen captured a pom-pom at Lichtenburg, and an attack on Edenburg, south of Bloemfontein, was repulsed with a loss of 75 men. Considering the enemy's lack of resources these are episodes not to be despised. The process of stamping out

the embers of the war is proving slow and costly. The unsatisfactory feature of these later operations was the inability of the British Generals to protect those farmers who took the oath of allegiance. Their case is a particularly hard one, and as a class they have come in for much more vituperation than they deserve.

West Africa.

Events in West Africa hardly received the attention they deserved, South Africa and China seeming to dwarf everything else. The tale of the relief of the besieged garrison in Kumasi, however, is a glorious episode, reminding us in many details of the story of Lucknow. On April 18 news reached the garrison at Gambago of trouble with the Ashantis, and immediately Major Morris, D.S.O., the Commissioner of the Northern Territories, began preparations for the march to Kumasi, 340 miles to the south. In three days everything was ready, and a force consisting of 4 officers, 179 Hausas, a 7-pounder gun and a Maxim set out. To this force was added a troop of Moshi cavalry. So rapidly did this little force march, that in 13 days they covered 238 miles and were at Kintampo, within 100 miles of Kumasi. At Kintampo a halt of two days was made to secure the loyalty of the Koranzas. Then the march was resumed, and very soon the main body of the enemy were sighted and shots were exchanged. The Ashantis fell back in the face of our advance and their villages were burnt. On May 15 the outskirts of Kumasi were reached, and severe fighting took place, in the course of which Major Morris was wounded. The gallant officer continued to direct the operations from his hammock, although in great pain. The first stockade was taken, then a second and third, the last being undefended. Kumasi was entered without further opposition. But the work of the column was not done. The garrison had run very short of food and ammunition, and it was determined that an effort should be made to cut through the enemy and make for the coast. On May 19 a reconnaissance in force of the Ashanti lines was made, and next morning Major Morris was carried down to the gaol and opened a heavy fire on one of the enemy's stockades. Reconnoitring parties were sent out to other roads, and all reported the enemy to be in great strength. During the day's operations Captain Leggett was severely wounded. There were many casualties among the white officers during the sorties to get information. On May 29 Captain Maguire was shot dead. On May 30 rations were still further reduced, and it was decided partially to evacuate the town. On June 23 a column, under Major Morris, with whom were the Governor and Lady Hodgson and other Europeans, moved out of Kumasi. There was continuous fighting, and to increase the difficulties of the force a tornado broke upon them. Still the column pressed on and gradually it passed through the dense jungle out of the enemy's country. The sufferings of all, especially of the wounded, were terrible; Captain Leggett dying on the march; but the intrepid little force reached the coast more dead than alive on July 11, after a march of nearly three weeks.

Kumasi, which has been completely changed since the British occupation, is commanded by a very strong stone fort, in which are stored six months' provisions, and is protected by six 7-pounders and four Maxims. The garrison consists of 300 Hausas. Troops from the coast can be on the spot in eight days, and reinforcements are available from Gambago or Kintampo in the north. There were no white troops in Kumasi.

Australia.

In the presence of the Australian Delegates the Royal assent to the Australian Commonwealth Bill was signified in the House of Lords. At the request of the Colonial Secretary, the Queen was pleased to sign in duplicate the Commission giving the Royal assent to the Bill, in order that the Hon. Mr. E. Barton, as leader of the

Delegates, might take back to the Antipodes a copy for preservation in the Federal Parliament House. Her Majesty also presented to Mr. Barton the table, inkstand and pen with which she signed the Commission for the same purpose. The Delegates expressed themselves extremely sensible of the universal good feeling and hospitality with which they were met during the visit to England, and as soon as the Royal approval had been announced in the House of Lords to the enactment, which opens a new era in Australian history, Mr. Barton said the news would be welcomed by the Australian people with enthusiastic acclamation. At the outset there were many difficulties as to the form of Constitution to be adopted—difficulties which began long before the visit of the Delegates to England, and long before the Referendum. But among those who differed strongly as to the form of the Bill, there were many who as strongly believed that a Federal Union was a necessity of statesmanship. As time advanced the difficulties became less acute; matters of dispute were cleared away; and many who voted against the Bill will nevertheless now do their utmost, as good Federalists, to secure to the Constitution success in its practical working. Whatever may be said against the Constitution, one thing is clear—that its guarantees of individual and political liberty are absolute. In fact, it ensures that free air in politics in which men of the British race are best able to work out their destiny.

New Zealand.

The New Zealand Parliament adopted the motion of the Right Hon. R. J. Seddon to annex the Cook and Savage Islands, and the British flag now floats over them. These islands are situated about 1,000 miles N.E. of New Zealand, and consist of the following:—Aitutaki, Hervery, Mittiaro, Wateoo Mauki, Rorotunga, Roxburgh and Mangala. The greatest enthusiasm prevailed when the resolutions were passed, the annexation being the realisation of the hopes of the statesmen and the wishes of the people of New Zealand for years past. Annexation was advocated by Sir George Grey in 1853. The resolution was carried unanimously in the Legislative Council, and by 37 votes to 4 in the House of Representatives. The result was received with cheers, and the members sang "Rule Britannia" and "God Save the Queen." Petitions had been received from Fiji asking for federation with New Zealand and the abolition of the Crown Colony system in the islands, and the proposals were favourably entertained. The Premier expressed his firm conviction that the Fiji Islands should be given self-government, whether they federated with New Zealand or otherwise. New South Wales did not like the proposal, for Sir W. Lyne, the Premier of that Colony, stated that a strong protest is to be forwarded to the Imperial Government regarding the annexation of the Cook Islands by New Zealand. He said that this is a serious matter, because New South Wales carries on a largely preponderating trade with these islands, and New Zealand will probably arrange a tariff which will divert the trade to that Colony.

Canada.

The fire at Ottawa was one of the most disastrous, if not the most disastrous, in the history of Canada. It caused immense destruction and entailed serious destitution. The conflagration started at 11 in the morning in a small farm-house in North Hull. The embers were instantly carried by the high wind on the roofs of the neighbouring houses. In a few minutes upwards of thirty roofs were blazing. Driven before the fierce gusts, the fire travelled three-quarters of a mile to the river in less than an hour, throwing immense showers of fire-brands before it as it advanced across the river to the Ottawa side among the lumber piles, wharves and mills. By 3 o'clock the entire area towards the river, three-quarters of a mile from north to south and half-a-mile from west to east, was one dense furious blazing mass. From that time on the Hull side the flames made no further progress and began dying out. On the Ottawa side

the conflagration swept through the lumber and manufacturing districts southwards to the south-western limits, the distance from the beginning being five miles. Towards midnight the wind began going down and the worst was over. At its height the fire was one solid mass of flame two miles long and three-quarters of a mile broad. According to report the total loss was £3,400,000. Houses burnt in Ottawa—1,500; value £600,000; personal property destroyed—£800,000. Hull houses and personal property, £2,000,000.

FOREIGN.

Germany.

The 11th October 1900 was the occasion for laying of the foundation-stone of the Imperial Museum, which is to be erected in the Saalburg, where formerly stood the old Roman fortress. After an address from the Burgomaster, an actor, dressed as a Roman Prefect, welcomed the Emperor and Empress at the Porta-Decumana in a Latin speech, in which the hope was expressed that all the undertaking of the Emperor might prosper, and that God would graciously protect the Emperor, the Empress and their children. A choir then sang a Latin hymn, and subsequently a Roman Legate recited an ode. Herr Hüsen, the director of the theatre, afterwards read to the assembled company a charter in Latin, which was the composition of Mommsen. When the time came for the Emperor to strike the foundation-stone three times with a mallet, his Majesty delivered the following address:—Our first thoughts on this occasion turn back with thankfulness, mingled with sadness, to my never-to-be-forgotten father, Kaiser Friedrich III. To his activity and to his creative will Saalburg owes its restoration. Even as in the Far East the Monarch, which once emplanted German civilisation in the East, rises up again like a mighty knight's castle, and is now approaching completion, so on the heights of beautiful Taunus the old Roman castle springs like a phœnix from its ashes—a witness to Roman might, a link in the mighty chain with which that great empire was encircled by the Roman legions, who, at the command of one of the Roman Emperors, Cæsar Augustus, bent the world to his will and opened it to Roman culture, which fell nowhere more fruitfully than on German soil. I strike the first stroke on this stone to the memory of Kaiser Friedrich III.; and the second stroke to the German youth of the coming generation, who here in this new museum will learn what a world-empire means; and the third stroke to the future of our German Fatherland, that it may be destined in the future times, by the united co-operation of our princes and peoples, their armies and their burghers, to become as strongly and firmly welded and as commanding as was once the Roman world-empire; so that in the future it may be said, as in old times, "Civis Romanus sum."

Russia.

A political stroke of the highest importance was semi-officially announced from St. Petersburg. The Russian Imperial Government, at the request of the Government of the Shah of Persia, and in view of the good relations which have always existed between the two Governments, permitted the Loan Bank of Russia to take up the loan to be issued by the Persian Government to the amount of 22,500,000 roubles, under the designation of Five per Cent. Russian Gold Loan of the year 1900. In pursuance of this permission, the Board of the Russian Loan Bank concluded with the representative deputed by the Shah's Government a contract concerning the taking over of the above-mentioned loan on the following conditions. The payment of interest and the redemption of the Five per Cent. Gold Loan of 1900

in the course of 75 years is guaranteed by all the Persian Customs receipts with the exception of the revenues of the Custom House of Fars and the Custom Houses at the ports of the Persian Gulf. The said revenues at present considerably exceed the amount of the payments required for the service of the loan. Should, nevertheless, delay occur in the payments to be made on account of the loan the Loan Bank of Persia will have the right to exercise a control over the Custom Houses, the revenues of which are set apart as a guarantee for the said loan. The Persian Government undertakes to redeem all its former foreign obligations out of the proceeds of the Five per Cent. Gold Loan, and not to conclude, without the consent of the Loan Bank, any foreign loan before the amortisation of the Five per Cent. Gold Loan. The Persian Government also leaves it at the discretion of the Loan Bank to place on the market, if it considers this necessary, Bonds of the Persian Loan to the extent of the balance of the debt owing to the Bank, these Bonds in such case to enjoy the full guarantee of the Russian Imperial Government.

The marriage of the Grand Duke George Michaelovitch of Russia and Princess Marie of Greece took place on May 13 in the Church of St. George, in the citadel, in the presence of the King and Queen of Greece, the other members of the Royal Family, the Grand Duke Michael, father of the Grand Duke George, the Greek Prime Minister and Minister for Foreign Affairs, the Minister of Justice, the Russian Minister, the Russian Admiral and officers of the Russian ships of war in port. On the conclusion of the ceremony their Majesties, the Grand Duke and Grand Duchess and the rest of the Royal and Imperial party proceeded to the Church of St. Spiridine (the patron saint of the island), and thence to the Palace of St. Michael and St. George. In the evening the Imperial pair, accompanied by the other members of the Royal family and the father of the Grand Duke, embarked in His Majesty's yacht *Aupheirsty* on their way to Sorrento.

Italy.

The mourning for the cruelly-assassinated King Humbert was very deep and sincere throughout Italy. Even the Vatican unbent from its usual bitter attitude towards the monarchy, for the Pope not only sent a special messenger to the widowed Queen, but himself celebrated mass for the repose of the murdered King's soul. Popular sympathy ran especially high for Queen Margherita, who is much loved by her people, and whose bitter grief for the husband with whom she lived so happily was most painful to witness. Since it was decided to bury the King in Rome, the funeral preparations became much more elaborate. The King's body lay from the time of his death until the night before the funeral in the room where he died at Monza, the room being transformed into a *chapelle ardente*, where priests said mass continually. The coffin rested on a pedestal shaped like lions' feet, and was surrounded by burning tapers. By the side lay the national flag and the King's helmet and sword, and on the coffin itself was placed the historic iron crown with which Italian Kings have been crowned for 12 centuries past. To the great regret of the Romans there was no grand lying-in-state before the funeral, but it was decided to take the King's remains by night to the capital and transfer them to the Pantheon in time for the funeral ceremony later in the day. The route of the procession was draped in black and the royal body borne to the Pantheon on a gun carriage. The interior of the building was splendidly decorated with black and silver, a catafalque in Etruscan style being constructed for the coffin before the high altar. Candles burnt before the catafalque and before the tomb of King Humbert's father, while the rest of the edifice remained in semi-darkness. All foreign Courts sent representatives to the funeral, messages having poured in from abroad.

Spain.

The youngest Sovereign in Europe, King Alfonso of Spain, celebrated his fourteenth birthday in June last. It is rare for a Sovereign to be actually born a King, yet such was Alfonso's lot, for he came into the world six months after the death of his father, and so succeeded to the throne at his birth. The King and Queen had longed for a son, but Alfonso XII. only lived to see his two daughters. Happily the Queen Regent, Marie Christine of Austria, is a woman of striking character and keen judgment, and she has brought up the fatherless child with such good sense and tact that he bids fair to be a most worthy wearer of the weighty crown of Spain. Till he comes of age at eighteen, four years hence, Alfonso will have a busy time, for, besides his work, he is to travel.

Morocco.

The international disquietude consequent upon the death of the Grand Vizier of Morocco would have been a sufficiently serious matter by itself. Alarm was taken lest French filibustering expeditions from Algeria should trespass on Morocco proper. Indeed, there was some doubt whether this had not already happened at one place beyond the broad margin of debatable land. But a far graver matter was the coincidence of this menacing complication with a general outburst of Mahomedan fanaticism throughout Northern Africa. Mahdis were cropping up in all directions, and whenever one of these troublesome saints appeared he quickly gathered a more or less formidable following. The most important and influential by far was that very sacred personage, El Senoussi, and it was not comforting to learn that he had taken to preaching a jehad. There was another Mahdi, but of much less renown, somewhere in the French Soudan, while yet another, coming from Tripoli, threatened to descend on El Obeid and make things hot for the infidels in the Nile Valley. Some authorities suspected, too, that the rising in Ashanti land had its origin in the Mahomedan fermentation. Be that as it may, there were plenty of indications that the Crescent meditated a fresh trial of strength with the Cross, and although the struggle could have only one ending, it might be prolonged for some years. This revolt of Islam was purely spontaneous; it was not the product of Turkish statecraft, but apparently had come into being solely through the conviction of African Mahomedans that the time had come to make a stern fight for the faith which, before the Christian powers divided the dark continent among themselves, was carrying all before it over the ruins of paganism.

The announcement that the Sultan of Morocco has determined to send an Embassy to the European Courts in order to ask for the appointment of an International Conference to decide on the questions at issue between France and Morocco confirmed the information from Morocco that the Sultan and his advisers were really in earnest in their determination to resist the encroachments of France, both at Igli and in the Tuat oases. The Sultan has already sent a written appeal for the European intervention through the representatives of the Powers at Tangier, and he has attempted to open direct negotiations with the French Legation, but without success. It is extremely doubtful how far the Powers will be inclined to intervene in Moorish affairs at a moment when their hands are so full elsewhere, but it is certain that if they take up the attitude that the alleged encroachments of the French on the southern frontier of Morocco are no affairs of theirs, the French will make the most of the tacit permission which they will regard such an attitude as conveying, and will gradually tighten their hold on Morocco until their advance threatens the coast towns, when, perhaps, the real danger of the situation will become apparent to the rest of Europe. Quite recently a French column entered Figuig, which is expressly included

by Treaty within the Moorish frontiers, and since last winter the extension of the railway from Jenien-Burezg to Duveyrier has been pushed forward. A heavy storm has just swept away a portion of the newly constructed line, and it is not now expected that the Jenien-Burezg-Duveyrier section, which was to have been completed next month, will be ready before January. From Duveyrier it is intended to extend the line to Igli, and from Igli to Tuat. The Moorish case is much stronger than is generally supposed, but it remains to be seen whether they will succeed in inducing the European Powers to arbitrate between themselves and France.

China.

The fanatical "Boxer" rising and the massacre of Christians produced a serious crisis, and, in fact, one little expected by Europe, for China practically declared war on the Powers, and it will not be long, perhaps, before the Powers will have to take in hand the destinies of the Chinese Empire. The immediate developments of the crisis need not have caused any anxiety, except, for the Europeans who were are at the mercy of the inflamed Chinese populace. The war, which the Dowager Empress and her infatuated entourage of Manchus so lightly invited, was an enterprise to cause the gravest misgivings, because of the chance of European disagreement and war. Only the inscrutable arrogance and ignorance of the Mandarins could have been guilty of the insane folly of defying such a combination. It must be remembered that the Chinese Government is a Manchu Government, and that its hold upon the Chinese people is not very strong. It is distinctly an alien Government, and its destruction will not cause a popular upheaval on any formidable scale. Of course, the military operations may become somewhat protracted, but even then the problem, from a strictly military point of view, will be simple. There is the gravest possible risk of international complications, and it is to be hoped that England, who has so much at stake in the Far East, will be prepared to adequately safeguard her interests. Although the disturbance came upon Europe somewhat as a surprise, yet the expansion of the Secret Society, known as the "Righteous Harmony League," commonly known as the "Boxers," was a matter of common knowledge and discussion in the seaport towns of China during the early part of the past year, when the rapid growth and anti-foreign proclivities of the society were denounced in the Press as serious dangers to the peace of China. The object of this particular society, whose aims were cloaked by the pretext of practising gymnastic exercises, is to "support the dynasty, and exterminate the foreigner." The development of the "Boxers" is worthy of note, illustrating very clearly the way in which such societies, especially in China, have grown from comparatively innocent associations into dangerous political engines. The society began merely with religious propaganda as an anti-Roman Catholic association; from that it became anti-Christian; and it has now reached a point where it is actively and aggressively anti-foreign. It has acquired its power and prestige largely from the protection given it by the Empress Dowager, and, consequently, by many high officials, whose fortunes are linked with hers—the reactionary or anti-reform element. The edicts promulgated from time to time by the Empress clearly showed that this view of her relations with the "Boxers" was amply justified, for a fine discrimination is found in the condemnation of secret societies—between the "Boxers" and others of less seditious tendencies. It is, moreover, pretty certain that other edicts of a secret nature afforded open protection to the anti-foreign sect, who throughout have been treated as patriots. As a matter of fact, ever since the *coup d'état*, the Empress felt more and more the pressure from without, and deprived by the evident powerlessness of the Government and by her anti-reform measures of the sympathy of a very large

section of the Chinese people, she allowed herself to rely for support on this association, which, having grown under her protection to great strength and size, has become entirely beyond her control.

The action taken by Russia in occupying Port Arthur and Talienwan naturally aroused the apprehension of Great Britain, whose commercial interests in China have always been larger than those of any other Power. The closing of any part of China, which would naturally follow in the wake of Russian influence, would be a serious matter. Unfortunately, however, the acquisition of these ports was not prevented, no remedy remained to Britain save to make counter claims, and, after considerable pressure, the lease was obtained of Wei-hai-Wei on July 1, 1898. The Yangtse Valley had already been claimed by Britain as her "sphere of influence," specially suited for exploitation by a commercial-maritime nation, and the Chinese Government yielded so far as to give the celebrated, if vague, assurance which, as already said, is the charter of British rights in the Yangtse Valley. This assurance contained no concessions as to exclusive rights for Great Britain, for these were not demanded, the one stipulation being for the "open door" and the promise not to alienate the provinces adjoining the Yangtse. Thus a British sphere was established over six of the eighteen provinces of the Celestial Empire, with about 120,000,000 people, and between 3,000 and 4,000 miles of navigable waterway. Next came France, whose claims were based on the possession of an important colony immediately to the south of China. Soon after the acquisition of Wei-hai-Wei she demanded a coaling station at Kwang-Chou-Wan, facing the Island of Hainan. She had already stipulated for the non-alienation of that island, on account of its position dominating the Gulf of Tongking, and now, stimulated by the successes of other Powers, she obtained a similar promise with regard to the three provinces neighbouring Tongking. Although at the time not stipulating for exclusive rights and privileges in the "sphere" so obtained, France had previously managed to arrange for various monopolies.

This acquisition, close to her own recently-granted and loosely-defined sphere, caused further anxiety at home, and the Chinese Government was pressed for more concessions to counterbalance those obtained by France. Britain was successful in obtaining an extension of her limits, which brought within her sphere two of the provinces already half-promised to France. China, presumably, was anxious to satisfy every one as cheaply as possible. The matter was settled by an arrangement of mutual benefit and privileges in the province of Yunnan, while in Kwantung, which faces the important port of Hong-Kong, Britain's stake was too large to be discounted. Hitherto Japan had not sought any leasehold on the mainland, but secured a promise of non-alienation of the province of Fokein, and has since extended her demands to the two neighbouring provinces. In this struggle for spheres even a minor Power like Italy tried to win something from the Chinese Government, but her demand for the lease of the Bay of Sanmun, with a pledge not to alienate Chekiang, though supported by Great Britain, was flatly refused. America stands in a different position from all other Powers. She has one interest alone in China, and that is the "open door." Thus, it will be seen, thirteen out of the eighteen provinces of China were parcelled out, let off, as it were, to other Powers, who, while only lodgers, may very easily regard themselves, on the "might is right" principle, as landlords. Besides the "spheres," many concessions for mining and railways have been granted. A Belgian syndicate has a line from Peking to Hankau, a German railway is to run from Tientsin to Chinkiang, and an American line from Canton to Hankau. So far Austria and Belgium have refrained from any attempt to acquire territory, but a new era is dawning. All these nations have vested interests which have suffered in

the Boxer disturbances, and their missionaries have lost their lives in the Manchu revolt. When the time arrives for settling up there will be a long list of claims for damages against the Chinese Government.

Aërial Navigation.

One of the most remarkable events in the history of aërial navigation of the past century was, without doubt, the successful trial-trip of Count Zeppelin's air-ship, which took place on the Lake of Geneva. Count Zeppelin is an enthusiastic aëronaut, who has devoted thirty years of his life to the study of aërial ships, and for several years past he has been at work on his immense machine, which has cost over £50,000. The air-ship is said to be a cigar-shaped balloon over 400ft. in length and nearly 40ft. in diameter. It contains 2,000 cylinders filled with 32,000 cubic feet of hydrogen, and weighs some nine tons, with a lifting capacity of between three and four tons. Two benzine engines supply the motive power. The greatest interest has been taken in Count Zeppelin's invention, to the cost of which the German Government is said to have contributed. Owing to the strong winds the trial had been postponed more than once, but at last the weather moderated sufficiently for the ascent to take place without undue risk. The air-ship, contained in a large floating shed, moored off Friedrichshafen, was made fast to a large pontoon and towed out into the lake. Every possible precaution was taken to secure a successful ascent. A captive balloon, in telegraphic communication with the pontoon, registered the velocity of the wind at a height of 1,500ft., observations being also taken near the lake level. When Count Zeppelin and his four daring partners, Baron Conrad Bassusl, Herr Eugene Wolf and two engineers, had taken their places in the cars the order was given to cast off, the huge machine rose slowly into the air to a height of 1,200ft. and guided by the steersman sailed over the lake to the opposite shore. In seventeen minutes a distance of three and-a-half miles was covered, and then the voyage was cut short by an accident to the steering gear, which had so far answered perfectly. The balloon was towed back to the starting point and gently lowered again on the pontoon, amidst the vociferous cheers of the thousands of spectators who lined the edge of the lake.

Exploration.

The Duke of the Abruzzi returned from his Arctic expedition, having succeeded in penetrating farther towards the North Pole than Nansen. The expedition, which left last summer, reached Tromsö, having undergone great suffering during the intervening months. The Duke, who is a first cousin of the King of Italy, was born at Madrid in 1873. He is an officer in the Italian Navy, and for many years has taken a keen interest in yachting. He has also distinguished himself as a mountaineer, and comparatively recently accomplished the feat of climbing Mount St. Elias in Alaska. It is a thrilling story which the members of the expedition tell of their exploration of the white land—thrilling, and at the same time painful in its details; for, as in the case of all other quests of the Pole, the Duke of the Abruzzi's has been attended with the usual privations. At least four members of the Royal explorer's party succumbed to the Arctic terrors. Others, including the Duke himself, returned minus the use of fingers, the result of frost-bite. But in spite of the suffering which the party underwent, in spite of delays, of accidents, of cold and hunger, the fact stands out that the Duke's men reached the latitude of 86 deg. 33 min. Nansen's record was 86 deg. 14 min. The *Stella Polare*, the vessel which conveyed the party to and from the Arctic region, was said to have presented a battered appearance. The ship, indeed, formed eloquent proof of the terrible experiences of the expedition. For nearly eleven months she was held in the tight embrace of the polar ice, and her escape from being crushed to pieces was regarded

as little short of miraculous. Held in the clasp of the ice, she was pushed ashore, some of her timbers broke, and water rushed into the hold and engine-room. The outlook was gloomy. But the carpenters and engineers set to work in grim earnest—their very lives depended on their exertions—and happily the repairs, though not perfect, saved the vessel. Then the sufferings of the party began. While the ship was ashore tents were built, and though these were covered with planks and sail-cloth and warmed inside by stoves, the cold was intense. More planks and sail-cloth were added, and then life in the tents became bearable. At least four expeditions were organised from Table Bay by the Duke. The first was taken with a view of acquiring good observations, but it soon returned; it was a failure. The second was also a dismal failure. It consisted of three members of the party—a Norwegian (an engineer) and two Italians. Nothing dismayed, the Duke organised a third expedition, and it was out 24 days. The last research party, comprising the captain of the vessel, Signor Cagni, and three of his compatriots, had more successful results. They were away from the tents for the long period of 105 days; and it was this last expedition which reached 86 deg. 33 min. latitude north. The Duke of the Abruzzi said that the scientific results of his journey are of the highest interest, and admitted that he and his men were nearly starved to death. To such sore straits were they reduced that they had to eat their sledge dogs. Forty bears which they killed formed a welcome addition to their food-supplies.

Telegraphy.

Germany on 31st August was united with America by a submarine cable of her own. The work of laying it, begun in the first days of May, proceeded rapidly. Thus a work was accomplished which will always form an important era in the endeavours of the German Empire to stand on her own feet as regards the supply of telegraphic information. The completion of this submarine cable between Germany and the United States of America, which will be entirely independent of all foreign influence, will at the same time constitute the first German Trans-Atlantic cable. It will do away with the dependence of Germany on the English network of cables, at least as far as America is concerned, and form a direct means of telegraphic communication between the two great countries and thus bring them closer to one another. When, in 1896, the German cable Emden-Vigo (Spain) was laid, it was thought that it could be continued from Vigo to America. But the work on this line increased so enormously that it turned out to be impossible for the same cable to take over the very considerable German-American telegraphic correspondence. For these reasons it was resolved to lay a direct cable, 8,080 kilometers long, which for technical reasons has an intermediary station in Fayal on the Azores. The cable is the property of the German Atlantic Telegraph Company in Cologne, which has acquired the right to lay a second cable on the same route as soon as the increasing traffic makes it desirable. In New-York and Fayal employés of the company will manage the service, whereas in Emden, the German starting point, it will remain in the hands of the Imperial Telegraph Office, for which the Government will pay an annual rent of 1,400,000 marks, appropriating the receipts up to the amount of 1,730,000 marks. For any surplus above this sum a special agreement has been made. The total cost of laying the cable was about 19,000,000 marks. By special agreement with the largest American telegraph companies the German-American cable will have direct connection with the great telegraphic system of America, so that it can compete effectively with the English cables. As a matter of course, the completion of the new cable-line will not put a stop to German endeavours to open up telegraphic connections over sea; on the contrary, it may be considered as the beginning of a German cable system that must, and will be, developed in every direction wherever German interests make it desirable and necessary. The English preponderance in the cable communication of the world

has been an inducement in France, as well as in Germany, to procure an independent telegraphic connection. The French Government now demands a sum of 17,000,000 francs for the laying of a new cable. This submarine cable is to connect the French possessions in West Africa directly with the mother country, and thus become independent of the English cable. Then a second telegraph line, also independent of England, to Indo-China *vid* Siberia and the cable of the Northern Telegraph Company is to be opened. This, however, is only to satisfy the most pressing wants; later on all the cable system is to be so considerably increased, that all the French colonies, especially Madagascar, will be brought into direct connection with France. In conclusion we may cite a few figures illustrating the share of the different States in the submarine cables of the world. England is at the head with 358 cables, 186,680 kilometers long, and thus possesses the greater part of all the cables in the world. The United States possesses 22 cables, 34,005 kilometers long; France, 78 cables, 31,200 kilometers in length; and Germany, 59 cables, with a total length of 5,820 kilometers. Of the American cables all are in private possession; of the English 178,000 kilometers, of the French 21,890 kilometers, and of the German 1 cable with 2,060 kilometers.

Canonization.

Two saints were last year canonised at St. Peter's—John Baptist De La Salle and Rita Da Cascia. La Salle, born in Rheims in 1651, became a canon of that cathedral, but resigned in order to be enabled to carry out his life's work as founder of the Christian Brothers. La Salle died in 1719, and was beatified in 1888. St. Rita was born in Cascia, Umbria, in 1381. When she became a widow she entered the Augustinian Order, and was venerated by the people. Her death occurred in 1457, and she was beatified in 1628. The ceremony was said to have been of the most imposing character. The Basilica was lighted up by 13,000 candles, following the architectural lines, and 400 chandeliers. Its pilasters were hung with damask and gold, and in the apse electric light was used for the first time. The Pope, after devotions in the Sistine Chapel, where the Cardinals and 250 Bishops were assembled, was carried to the vestibule of St. Peter's in a sedan chair, and thence, wearing cope and mitre, in the Sedia Gestatoria, to the throne prepared in the apse. After this the Te Deum was sung, and then mass was celebrated at the papal altar by Cardinal Oreglia, Dean of the Sacred College. At the offertory candles, bread, two small gold and silver barrels of wine, doves and little birds in cages were offered. At the elevation silver trumpets were sounded, as well as at the Pope's entrance. There was an additional boys' choir in the dome.

INDIA.

To India generally the year just past was one of great trial and tribulation. If the plague had been stamped out from nearly the whole peninsula, the famine was grievous in the land, for over 4,000,000 human beings were on relief works and their number went on increasing at the rate of 1,26,000 a week. Including the Native States there were about 6,000,000 people in the relief camps in Western India alone. It is only by comparison that we can obtain an adequate conception of the straits that this Presidency was reduced to. In the famine of 1876-77 the maximum daily average number relieved was, in the British district alone, 513,878; in 1896-97 the figures were 458,713. In the present case the total was almost twice as high even at the commencement of the visitation, while the probable period of the most acute distress was fully four months ahead. *Ex pede Herculem.* To the good fortune of the North-West Provinces the scarcity was not very severe. Barely 3,000 persons were dependent on the State, and these were confined to the Jhansi district; but in the Punjab the distress deepened rapidly, and in Madras the outlook was very

unsatisfactory, but on the whole the prospects in the South gave no great reason for anxiety. In this Presidency the September rains in 1899 were fairly normal throughout, and had the usual rains of October to December fallen, the season would have been moderately prosperous. During October, however, it was only in Ganjam and the littoral portion of Vizagapatam, in the greater part of the Carnatic and in the Central, Southern and West Coast districts, that the rainfall was good. In Tanjore, and some parts of the Carnatic, the rain during this month was excessive, and in places caused considerable damage from floods. During November and December the usual rains failed to a very great extent, and in the Deccan and Circars scarcely any rain fell, whilst over the remainder of the Presidency the deficiency was very marked. As the effect of the failure of the early rainfall, up to August there was a deficiency of 20 per cent. in the area of dry land sown, whilst owing to the fact that the early rainfall of April and May had been much heavier than usual, the area of wet land brought under crop was greater than usual. The deficiency in the case of the dry land appeared chiefly in the Deccan districts and Kistna. With the favourable change in the season that began in August and continued through September, a great change took place and sowings proceeded briskly almost throughout the Presidency. The returns for the year showed that generally the areas sown up to November closely approached the average; there being a deficiency of some importance in Kistna, North Arcot, South Arcot and Tinnevelly in the case of the dry land, and in South Arcot, North Arcot and Tanjore in the case of the wet land, but in no case was the area sown seriously below the average, except in the case of wet land in Tanjore and South Arcot. Although the areas sown were on the whole satisfactory, the lateness at which general sowings took place, and the general failure of the north-east monsoon rainfall, caused a total loss of crop in several districts, and much reduced the out-turn of the rest. This failure affected the paddy crop in Vizagapatam, and almost all the crops of the upland portions of Godavery and Kistna, the northern parts of the Nellore district and in the Deccan; whilst in the remainder of the Carnatic and in the southern parts of the Central districts the state of the irrigated crops was very precarious owing to the fact that the water-supplies had run short in many places. From reports received from the Collectors and from the Commissioners' personal investigation in the four Deccan districts and the north of Nellore, it would appear there was a general shortage of crops together and, in certain areas of comparatively limited extent, either a total failure or only a scanty yield of straw. Owing to the fact that there were good rains from August to the end of October with occasional showers even in the worst parts before and afterwards, and to the fact that in many parts of the affected districts tanks received a good or fair supply, and wells in general were in full working order, there was nearly everywhere a good supply of fodder. On the black soils the cholum had furnished a large supply. With the stocks still remaining from previous years and the new stocks harvested, there was little or no anxiety about the cattle of the Presidency. As observed in the Board's Report of September 1899, the failure of the usual rainfall during the early part of the south-west monsoon did not cause any great increase in the prices reported locally, and there were generally large stocks of grain in most villages. During September, however, a considerable demand for certain grains for export to Western India sprang up, which led to a very rapid rise in the price of cholum and cumbu, especially in the Deccan and Central districts. This demand continued during October, and for that month the price of the principal food-grains reached the "warning rates" in all except the Southern districts and Trichinopoly, although ragi remained comparatively cheap in the greater part of the Carnatic also. This rise continued until the middle of

November, when the price of the principal staple—cholum—in the Deccan districts was dearer than the scarcity rate, and all the principal grains had risen considerably throughout the Presidency. Rice, however, still continued to be comparatively cheap, and was at the warning rate in the Circars and the Deccan only. At about this time the demand for export slackened, and rates became somewhat easier in the Circars and the Deccan as a whole. Elsewhere the tendency was upwards, and at the end of December the prices of the principal food-grains were at, or dearer than, the warning rates fixed for each district, whilst, in the Deccan, the rates for cholum and cumbu, which are there very important food-grains, were dearer than the scarcity rates. In one of these districts—Cuddapah—the price of the third dry grain of importance—ragi—was also dearer than the scarcity rate. Speaking generally, the price of cholum in the Deccan on 30th December was about 15 seers per rupee, and that of ragi about 17 seers; cumbu being, as usual, dearer—at about 12 to 13 seers. In other parts of the Presidency the most striking feature at the end of December was the very general even level to which prices had attained. As usual, in the remoter districts of the Circars, ragi was comparatively cheap, but over the Carnatic Central and Southern districts, the price of this grain varied from about 14 to 18 seers per rupee. The price of cholum was about the same, except for an inferior variety grown in Trichinopoly and Madura, whilst cumbu was generally rather dearer. In the case of rice, prices had at the end of December reached or exceeded the warning rates in all districts except Nellore, Salem and Coimbatore. It must, however, be remembered that though rice is the food-grain of large numbers of the people, it is not, except in limited areas, the simple food of the masses. It is, however, the final resort of the people in a severe famine, and whilst nominally appearing to be dearer than the dry food-grains, is often in reality, as a food, as cheap as dry grains in times of distress. At the end of December the average price of rice in the Deccan was about 8·5 or 9 seers per rupee and elsewhere varied from about 10 to 13 seers, though in parts of the Circars the average reached 9 seers per rupee. If the prices above referred to be compared with those that were ruling at the end of 1896, it will be found that rates in the Circars were considerably cheaper in 1899, and in the Deccan districts, excepting Cuddapah, generally slightly easier. Elsewhere, the rates in the year just past were considerably dearer than those which prevailed in December 1896. The yield of the crops of 1897 was on the whole fairly normal, and the unusual export trade which characterised the year 1896-97 gradually ceased. This was followed by another normal year in 1898, and a return to the usual condition under which the Presidency, as a whole, showed a balance of imports. These conditions probably led to the accumulation in the early part of 1899 of considerable local stocks. This view was supported by the fact that prices did not continue to rise, but became easier in that portion of the Presidency where the crops suffered most the past year from drought. There were no indications of distress other than the existence of high prices. The recent history of this tract where the loss of crop mentioned occurred, the absence of crime and of wandering, and the appearance of the people all showed that distress, though anticipated, had not actually begun, nor was there any genuine demand for employment on works.

Towards the middle of the year good rain fell over the whole famine area, with the exception of Guzerat—an important exception—and the Mandla, Narsinghpur and Hoshangabad districts of the Central Provinces. The effect of that was the transfer of the people from the famine works to their fields, and within one week there was a net decrease of 44,000 in the number on relief. The total reduction would have been much larger but for the peculiar position in Bombay. Not only

did Guzerat lack the rain necessary for the commencement of agricultural operations, but the return of those who fled from the works during a cholera epidemic continued, and the numbers on relief in the Presidency rose by 67,000. This, with the slight advances in Berar and Ajmere-Merwara, outweighed the big drop in the Central Provinces. In this area in three weeks the numbers in the famine camps sank from 1,320,000 to 1,237,000; in British India from 3,030,000 to 2,966,000, and in the Native State from 1,549,000 to 1,519,000. These figures do not represent, however, the full efforts made by the local Governments to set up a healthy emigration from relief works to the villages on the approach of the rainy season. Owing to the appalling mortality of cattle—more especially among the herds of breeding cattle—in Guzerat, it seemed necessary to H. E. the Governor of Bombay to take some measures as promptly as possible, with a view to the preservation of the breed so widely celebrated, whose place no other breed seems able to satisfactorily fill in Guzerat. The plough cattle which were preserved, together with the best of those imported, may perhaps suffice for agricultural purposes for the next two or three years, more especially since it was probable that only the better class of bullocks survived. Unless, however, the breeding, on a systematic plan of Guzerat cattle was encouraged, the supply of plough bullocks would after two or three years fail to meet the demand. It should be remembered that the rabaris—the cattle-breeders of that part of the country—were utterly disorganised and their herds destroyed. This being the case it was considered essential that steps towards some practical plan should be devised at once. His Excellency accordingly laid his suggestions before the Commissioner, Northern district, and the Deputy Director of Agriculture, and the following scheme was the result:—Grass land, approximating 2,000 acres, suitable for a breeding farm, to be taken up immediately. (This, it was estimated, would eventually suffice for 1,000 animals.) Four hundred cows of the best kind to be procured at once as a commencement. The land to be ring-fenced and have a perennial water-supply, both well and tank. Yards and shelter sheds to be constructed. The farm to be under the general charge of a superintendent, and rabaris to be employed as herdsmen. The male calves to be disposed of as yearlings to cultivators, as is at present done by the rabaris. It will be seen that no special attempt is to be made to teach the Guzerati how to breed and rear cattle, as it was felt that he had very little to learn. The idea is solely to ensure, by some sympathetic plan, the continuance of the breed of the best Guzerat cattle. The plan depends for its success not only on the co-operation of the rabari employés, who will be remunerated mainly by giving them an interest in the stock, but also on the good will and help of the Mahajan community of Guzerat, who possess some of the best class of cows, and to whose generous efforts it is mainly due that any of these exist. A careful estimate was made, which showed that to start the scheme on a practical basis a sum of at least half-a-lakh of rupees was required, and that an annual recurring expenditure of Rs. 4,000 might be anticipated for the first three or four years, after which the farm would be self-supporting. Suitable land was found near Sanand, at Chirodi, and negotiations for its acquisition were opened. The Mahajan community threw in its lot with the scheme, and its members, or the more prominent among them, agreed to supply cows at market or rather less than market rates. Their assistance did not end there, for they most generously contributed towards the funds requisite for carrying out the scheme to a successful issue. The sums at once paid in or promised amounted to Rs. 20,000. It was in contemplation to take immediate steps to form a trust for the purpose of the administration of the funds collected for the purposes above indicated. His Excellency placed the scheme before the public, confident that its objects were such that it could not fail to command widespread sympathy and hearty support.

A serious rising took place among the Moondhas, the aboriginal settlers at Chota Nagpur. They committed several murders and were armed for setting the authorities at defiance. The Moondhas form about one-fifth of the population of the Ranchi district. They have been for many years in a state of unrest due to a vague claim to sole ownership of the soil, which they have never sought to bring to an issue in a civil court. They desire to be freed from the intervention of Hindoo middlemen, between themselves and the Maharajah of Chota Nagpur. The agitation, apparently, was purely agrarian in its origin, but it had of late acquired also a religious character through the teaching and incitement of Birsa Moondha, a young man of about 25 years of age, who was a convert of the German Lutheran Mission and went over to the Roman Catholic Mission, but finally abjured Christianity five years ago. He was arrested and confined for three years as a dangerous agitator. After his release he again gave trouble. Attempts were made to re-arrest him, but without success. He declared himself to be a prophet, able to work miracles, and appears to be regarded among his followers as an incarnation of the deity, being called by them Birsa Bhagwan (or God). He recently re-appeared in the hilly country on the borders of Ranchi in the Singhbhum districts, and the police were sent out to search for him. On the evening of the 24th December 1899 a series of preconcerted murderous attacks were made on native Christians and others in different parts of the thanas in Ranchi, Basia, Khunti and Tamar. One man, a native carpenter, was killed, and a Roman Catholic priest was slightly wounded by an arrow; they were also shot at with arrows. Several acts of incendiarism were committed on the same night. The Deputy Commissioner at once proceeded to the disturbed area for the purpose of holding enquiries, making arrests and disarming the disaffected Moondhas. At the instance of the Commissioner, the Officer Commanding at Dorunda despatched a company of Native infantry to assist him in these operations. On the receipt of news by the Government 100 men of the military police were despatched by rail to Chakradharpur, on the Bengal-Nagpur Railway, with instructions to join the Deputy Commissioner at once. Information was subsequently received from the Commissioner that further disturbances had taken place. It was reported to him that the head constable and four chowkidars had been killed at Elkedih, and that a European timber contractor and his servant had been murdered a few miles south of Burju. Three of the chowkidars, however, later on turned up. The alleged murder of the contractor and his servant was not confirmed. On 7th January he learnt at Ranchi that a mob of 300 Moondhas, armed with weapons of various descriptions, had attacked the Khunti police station, killed one constable, and set fire to some houses. He at once arranged for the despatch of a small body of troops to the scene of the outrage. He himself, accompanied by the Officer Commanding 150 men of the Native Infantry, started for Khunti next morning. The Deputy Commissioner went on the 7th to arrest the murderers. A constable at Elkedih succeeded in arresting the party after a personal encounter, in which he had to fire his revolver. On the 9th the Commissioner and the Deputy Commissioner came up with the body of men who had attacked the Khunti thana. They were found to be armed with bows and arrows and battle-axes, on the hill three miles south from Saiko, where they had erected sangars at intervals. Every endeavour was made for more than an hour to avoid the necessity for firing on them. The Deputy Commissioner, addressing them in their own language, urged them to lay down their arms. He only met with derision and defiance, and it became necessary to order the troops to fire. Three volleys were fired. Four or five men were struck, but the Moondhas still defied the officer's advance. The men then slung stones at the troops and only broke and fled when the latter were within forty yards of them. They succeeded in escaping down a deep gully into the jungle beyond. It was found that they had brought women

and children, and large stores of clothing, food and cooking utensils with them. Four men were found to have been killed and three wounded. The dead bodies of three women and a boy were discovered in the jungle. The presence of women and children on the hill was not known when the order to fire was given, and the very sad and regrettable loss of life among them could not be foreseen. A number of the women and children found in the jungle were sent back to their homes. The officers made every endeavour to capture the men who escaped. To arrest Birsa Moondha an additional force of 50 military police was sent to their assistance. Private letters received in Calcutta from Chota-Nagpur showed that exaggerated reports of the extent of the Moondha rising caused a panic among the Hindu inhabitants, especially in Ranchi, where the people refused to go out after dark, alleging that the Moondhas hid behind hedges and shot poisoned arrows at them.

Mr. N. W. Bancroft was presented, by special command of the Queen, with the Victorian Order and Her Majesty's signed photograph. The presentation was made by the Viceroy of India at the Viceregal Lodge, troops being drawn up on the lawn before the house. Lord Curzon, before presenting the Order, addressed the recipient in a few words, briefly reviewing the veteran's services. Mr. Bancroft joined the East India Company Artillery in 1833, and is 77 years old. He served in Jodhpur in 1838 and Sutlej Campaign of 1845-46, was present at the battle of Mudkee, was wounded at Ferozeshah and was in the fight at Sobraon which broke the Sikh power. In 1850-54 he took part in the action against the Mohmunds and the hill tribes, and was all through the Mutiny, being at Meerut on May 10, 1857, in the engagements round Delhi, the siege and capture of Lucknow. In the Rohilkhand Campaign, including the siege and capture of Bareilly, he was wounded three times, and holds four medals with eight clasps. After 35 years in the Army he obtained a situation in civil employ as Deputy Superintendent, Bhowanipur Lunatic Asylum, where he served 22 years and was granted a special civil pension. Mr. Bancroft is the oldest member of the Army. Besides working in the cause of temperance in India, having signed the pledge in 1859, he is senior member of the governing body of the Army Temperance Association, over which the Commander-in Chief presides. He took part in firing the salute on the occasion of the Queen's Diamond Jubilee.

The following Order was issued by the Madras Government:—The conditions formulated by Government, in its Order No. 74 Ry., dated 16th January 1900, having now been accepted, the Tanjore District Board is hereby declared to be sole owner of the Mayaveram-Mutupet Railway on and from the 1st January 1900, subject to compliance in due course with the following orders. 2. When the proposed debentures shall have been successfully placed, the amount at which Government's share of the Mayaveram-Mutupet Railway is found to stand in the books of the Accountant-General on the 1st January 1900, will be repaid to Government by the District Board, the adjustment in the accounts as between Government and the Board being made by the Accountant-General. 3. Meanwhile, pending the completion of the adjustment ordered in paragraph 2, permission is hereby accorded for the balances at credit of the District Board to be made available for expenditure on the proposed extension from Mutupet in the Avadaiyarkovil direction in accordance with the requirements of the Agent, South Indian Railway Company, who is prepared to build the extension. 4. To such extent as control in such matters, in relation to the South Indian Railway Company, rests with Government, the entire control of designs, estimates, sanctions, indents, purchases, contracts, as well as of the general working programme of the extension, is hereby vested in the Consulting Engineer for Railways, Madras, who will issue the necessary instructions to the Company's Agent.

5. Government is of opinion that the money which from time to time becomes available should be so spent as to bring into use successive sections, or station to station lengths, from Mutupet southwards, for the conveyance of public traffic. Government is also of opinion that all possible economy should be exercised, efforts being made to bring trains into safe running at slow speeds even with few conveniences, rather than to secure from the outset a first-class service. Improvements can follow as warranted by the growth of traffic. 6. The estimated cost of the extension being Rs. 26,67,528 it would appear that this amount, or some approximation to it, will eventually have to be raised. But as the District Board are not desirous at present of extending beyond Arantangi, and as funds will continue as heretofore to become available from the special cess, no more need probably at first be raised than Rs. 20,90,000. Again, the payment by the Board of Government's share of the Mayaveram-Mutupet Railway is not immediately pressed for, and although the Government of India have suggested the 1st July 1900, Government is willing to allow the Board a reasonable time, say until the end of December 1900, for placing its loan on a more favourable market than is just now available. 7. The Accountant-General will be requested in the Financial Department to prepare a statement showing the effect on the District Board's finances of the operation now contemplated. The debenture-holders will have as security for their capital a first mortgage not only on the Mayaveram-Mutupet Railway, but also on the extension, of which, presumably, a considerable portion will be built out of the Government advance, before the entire loan is required to be taken up. The debenture-holders' security for their interest will be the District Board's Railway income, whether derived from net earnings, from the 3 pie cess, or from interest. The balance of the Board's income will be set apart to such extent as may be found necessary according to a scheme to be prepared by the Accountant-General to form a sinking fund for the amortisation of the debentures within a period of 20 years commencing from the 1st January 1901, account being taken, in communication with the Agent, South Indian Railway, of the effect of the extension on the probable net earnings of the entire system. 8. The statement ordered in paragraph 7 to be prepared by the Accountant-General should the amount of the loan which will have to be raised during each financial half-year occupied in the construction of the extension, on the assumption that the expenditure to be incurred by the South Indian Railway Company will be somewhat as follows :—Half-financial year ending 30th September 1900, 3 lakhs; 31st March 1901, 10; 30th September 1901, 5; 31st March 1902, 3; 31st September 1902, 1. 9. No special agreement seems necessary for the working of the extension by the South Indian Railway Company, who will doubtless consent to apply the terms of the present agreement for working the Board's existing lines to the working of the extended system. 10. The attention of the Board is invited to paragraph 5 of G.O., No. 74 Ry., dated 16th January 1900, reciting the intention of the Government of India, as expressed in their letter, No. 303 R.C., dated 5th March 1898, to reserve the right of taking over the extension at any time on twelve months' notice by assuming any liabilities in the form of debentures which the Board may have undertaken in order to raise the money, and by repayment of any further amounts which the Board may have spent out of the balances at their disposal. This stipulation will obviously not in any way affect the subscribing public, whose debentures will continue to run until the 31st December 1920, the date of their natural termination. 11. The operations of the Tanjore District Board appear likely to take effect in a further extension of 16 miles of railway in a district which has already supplied itself with 54 miles of metre-gauge lines. These operations were viewed with much approval by His Excellency the Governor in Council, as an interesting development of Local Self-Government, and His Excellency hoped that the Board's effort to place a debenture loan on the public market would meet with the success which it deserved. Government trusted that this example of public-spirited enterprize on the part of the Tanjore Board would in due course be followed by the Boards of other districts in the Presidency.

The Government of India were forced, to their great regret, to take very serious action in the State of Bharutpur. Shortly before the late Maharajah Jeswant Singh died at the end of 1893, his Highness wrote to Lord Lansdowne, the then Viceroy, pressing the earnest wish that his eldest son, Kunwar Ram Singh, should not succeed him on the gadi because of his vicious and intemperate habits, which were, in his father's opinion, already so pronounced as to render his son beyond all hopes of reclamation. Acting, however, on the advice of the Political Agent, who entertained the hope that Kunwar Ram Singh might after some experience and in spite of the neglects of early education make a capable ruler, and with the natural reluctance to interfere with the customary order of succession, the Governor-General recognised the claim of Kunwar Ram Singh and placed him on the gadi. Before two years had passed the Government of India were constrained to admit that they had been mistaken in entrusting to the Maharajah any measure of administrative control, and found it necessary, in consequence of the shocking intemperance and reckless extravagance of the Maharajah, to place the administration in the hands of the Dewan, and keep strict medical control over the private life of his Highness. By these means it was hoped that his own character might still be reclaimed while the State would be saved from ruin. Entrusted little by little with the management of State affairs, as he showed any capacity to undertake them, the Maharajah appeared to be not without all promise of sufficient amendment to justify his being one day given a further trial. Unhappily the Maharajah Ram Singh himself, by a further fatal display of lack of self-control, rendered it impossible for the Government of India to pursue these aims. A lamentable act criminally committed by him put the incapacity of the Maharajah to rule beyond any possibility of doubt, and left the Governor-General no alternative but to permanently set his Highness aside. Without receiving any provocation that could possibly excuse such violence, the Maharajah, who was at Mount Abu, shot his own faithful body-servant dead. The occurrence having transpired, a formal enquiry was instituted with no delay. No one except the victim of uncontrolled anger was in the room with his Highness at the moment when, as he was dressing to go out, he killed the unfortunate servant. Several members of the Court and personal attendants were, however, close at hand on the premises. The Maharajah himself admitted that he had lost his temper, and had seized a fowling-piece and discharged both barrels into the servant at close quarters; but pleaded that he had only intended to point the gun at the man to frighten him in consequence of some impertinence, and that the discharge was accidental. The shots, however, were not fired together, and the fact that they followed with a distinct interval, and the location of the wounds, sufficiently disproved that the suggestion of accident was possible. In the opinion of the Government of India, after such an incident the Maharajah Ram Singh should never be placed in the position of Ruler of the Bharutpur State. It was only the fact of his having succeeded to that rank which saved him from being tried for murder by a judicial tribunal. The Government of India decided that his Highness must be permanently deprived of any power, and be kept under surveillance and in receipt of a suitable allowance at a place to be selected within the Bharutpur State. In this decision the Secretary of State concurred. The Maharajah's infant son will succeed to the gadi on coming of age. The administration of the State will continue to be conducted in the manner in which it has been carried on, not without success, for the last five years.

At the annual meeting of the shareholders of the Agra Bank, Limited, held in London on the 11th April, it was resolved that the Bank should go into voluntary liquidation. The winding-up of this old established Bank was received with surprise and regret. The Bank had a capital of £600,000 in 100,000 £6 shares, which were fully paid up, while its Reserve Fund amounted to only about £20,000. In 1885 the reserve was £220,000, while in 1892 it had been reduced by periodical inroads to £50,000. On the 28th March the £6 shares were quoted at £3-5-0, and the dividend yielded the investor, at that price, £6-9-3 per cent. The report for the year ending the 31st December 1898, stated that, inclusive of £5,260 brought forward, the operations of 1898 resulted in a net profit of £25,874, after providing for all bad and doubtful debts. After paying, on the 1st October 1898, a dividend at the rate of 3 per cent., and a further dividend, later on, at the rate of 4 per cent., the balance brought forward to the year 1899 was £4,374. The Bank was incorporated in 1833, but in its present form it was registered in 1866. In 1893, after extinguishing the reserve of £50,000, £4 per share of £10 each was written off the capital to provide for losses, etc., and to place the silver capital of the Bank at 1s. 3*d*. per rupee, the present capital being, as stated above, £600,000 in fully paid shares of £6. For each of the seven years ending with 1885 the dividend was 5½ per cent.; for three years to 1888, 4½ per cent.; for 1889, 1890 and 1891, 5 per cent.; for 1892, 3 per cent.; for 1893, *nil*; for 1894, 2½ per cent.; for 1895, 1 per cent. (paid as an interim dividend); for 1896, 3 per cent.; for 1897, 3½ per cent., while the last four dividends were as follows:—April 1898, 4 per cent.; October 1898, 3 per cent. (interim); April 1899, 4 per cent.; October 1899, 3 per cent. (interim). Compared with the last four dividends of 10 per cent. paid by the Chartered Bank, of 8 per cent. paid by the National Bank, and of 5 per cent. paid by the Mercantile Bank, the dividends paid by the Agra Bank were small.

The Mahomedan community of Bombay indulged in a general holiday to celebrate the silver jubilee of his Imperial Majesty the Sultan of Turkey, who is the Khalifa, or the religious head of the followers of Islam. Bhendy Bazaar and various other localities where the Mahomedan population of Bombay reside, were decorated with multi-coloured flags and bunting, and huge transparencies were hung across the streets bearing the crescent and inscriptions wishing long life and prosperity to the Sultan. The people congregated in large numbers at the Juma and at the smaller mosques in different parts of the town. Special prayers for the Sultan were said by the Moulvis. The Juma Musjid was said to have been attended in the forenoon by no fewer than 6,000 Mahomedans who, besides their usual Friday prayers, recited rituals prepared for the occasion. The presence of the Turkish Consul, who occupied an elevated seat, lent additional eclat to the occasion. The prayers over, the Islam dispersed to meet again in other smaller mosques, which were full to overflowing almost the whole of the day. Cablegrams were sent through the Consul to the Sultan from the various congregations. About 5,000 Borahs of Bombay assembled at Daudbagh, Grant Road, where they made a great demonstration. An address befitting the occasion was read and presented to the Turkish Consul, who briefly thanked the assembly for their good wishes to his Imperial Majesty. The Anjuman-i-Islam held their meeting on 31st August at their school premises opposite the Victoria Terminus, under the presidency of the Hon. Mr. Justice Budrudin Tyabjee, for the purpose of passing a resolution to be conveyed to the Sultan. The chairman dwelt at length on some of the good points of his Imperial Majesty. A telegram was despatched to the Sultan stating that the Anjuman-i-Islam tendered their sincere and profound congratulations to his Imperial Majesty on the attainment of his jubilee, and prayed for peace and prosperity and progress throughout

the Moslem world. A resolution was passed at the meeting wishing his Imperial Majesty long life and praying that God might strengthen the Sultan's government. The meeting also prayed that the friendship between the governments of Turkey and England might remain as strong and firm as ever. Another meeting of the various sections of the Mahomedan community was held at Musafirkhana, Grant Road. A congratulatory address was presented to the Turkish Consul, who made a suitable reply. A dinner was held in honour of the occasion at the Islam Club, where representative Mahomedans had assembled. The toasts of the Queen-Empress and his Imperial Majesty the Sultan of Turkey were duly proposed and honoured. At night the Mahomedan streets, particularly those in the neighbourhood of the Juma Musjid, were illuminated, numerous glass chandeliers being hung across the roads. The mosques were also illuminated with myriads of buttee lamps, and the town presented a most picturesque appearance.

The ceremony of installation of the new Governor-General of Goa took place at the Church of Bom Jesus, when Senhor Doutor Abel Pinho, the Chief Justice, who represented the Archbishop-Patriarch, president of the *Conselho Governativo*, handed over the bâton of St. Xavier and made an eloquent and stirring discourse, referring in touching phrases to the attacks of the Mahrattas under Bonsla and Sabajee during the government of Conde de Alvor, Viceroy of Portuguese India in 1683, which threatened to submerge the Portuguese domination in the East, from which the country was saved, as is generally believed, by the confidence deposited by that Viceroy in the great Apostle of the Indies. Such was the fear of the collapse of the Portuguese power that Count Alvor placed in the coffin of the Saint the bâton which he had received when taking charge of Government, imploring at the same time the Saint to take the country under his protection. No sooner was this done, then an army of the Great Mogul, under the command of the brave General Idul Khan, was seen descending from the ghauts in pursuit of the troops of Sabajee, the invader, and this induced the Mahratta General to offer terms of peace, with all advantages, to the Portuguese Government. It was on this occasion that Francisco de Tavora, the Viceroy, was created a Count, under the designation of Conde de Alvor. After making over to the image of the Saint the bâton handed over by Senhor Abel Pinho to the Governor-General, the latter transferred it to the hands of the image of the Saint overhanging the altar, and substituted it for the bâton held by the Saint, which the Governor took charge of. After the termination of this ceremony, and reading the Letters Patent of his nomination, a royal salute was fired, and the Governor left and proceeded to Panjim, where there was an official dinner at the palace of the Viceroy. At dinner the Chief Justice proposed the toast of the evening, and in doing so spoke in very eulogistic terms of the heroism displayed by the Governor-General in Eastern Africa in 1895, and the great hopes he entertained of an excellent government from Senhor Galkardo, alluding at the same time in feeling terms to the good services rendered to this country by his predecessor, Senhor Machado, whom the Minister had been obliged to send to Africa for a time, as the Ministry considered his presence very necessary there at the present juncture. Senhor Galkardo, in returning thanks for the flattering terms in which the Chief Justice had alluded to his past career, said he would do his very best to govern the country, to the satisfaction of all parties, and in this he fully hoped to receive the co-operation of his colleagues in office.

The police of the Maval Taluka in the Bombay Presidency effected a very clever capture of a dacoit gang, who, for nearly a year, were a terror to the villages around about Khandalla, the reversing station of the Great Indian Peninsula Railway, and some other districts in the Boro Ghaut. The police of the Kolaba district tried their

best to capture this gang but without effect. The leading dacoit captured was Janya Bhikya, and in his nefarious undertakings his spouse Baya stood by him in all sorts of dangers, and was captured with him. Janya had two lieutenants, Ganya Sajuya and Sitya Vaja. The wives of these two, who always accompanied their husbands, also were captured. Janya, the leader of these freebooters, was an old jail-bird. He was released two years ago from the Thana Jail, but within a week of the prison doors closing behind him he set about collecting a few desparate followers. These he was not long in finding, and at once set about his work of robbery. For a whole year he defied the Kolaba police, and in the districts of the Bore Ghauts he was a veritable pest. As late as the 9th of January, it is said, he murdered a fellow rakhwaldar appointed to see to the safety of those who crossed the Ghauts by the highway. It appears th[illegible] unfortunate [illegible] had given information about Ja[illegible] hen [illegible] murd[illegible], the presence of mc[illegible] dozi[illegible] w[illegible] terror of Janya's name that not one of them would raise a hand to help the unfortunate. All sorts of traps were laid by the police, but Janya escaped capture. He extended his field of operations, and from Karjat crossed the borders of the Maval Taluka. At the village of Kurvanda, only three miles from Lanowli, he entered the house of the police patel, and after belabouring the patel's nephew, walked away with all the valuables he could get, not even sparing the poor man's silver gods! The Maval police determined to bring him to account at any risk. They soon arrived on the spot, and at once left for Khandalla. They were accompanied by a contingent of 13 sepoys. They had previously received information that the culprit was likely to be found in the forests near Campoli, just below the reversing station. Janya, his two lieutenants, and the three women were sleeping round a fire, and were surrounded ere they knew of the presence of the police. The others were captured easily enough, but Janya offered the most desperate resistance. The whole gang was then safely secured, and the procession started for Khandalla, where they arrived in time to catch the afternoon train for Poona. Janya was taken to Telegaon and put in the hospital there as he was rather seriously wounded. The others were placed in the Wadgaon lock-up. Thousands of people gathered along the road from Campoli to Khandalla to watch the procession. In spite of his wounds Janya kept on abusing the sowcars whom he saw, telling them that he intended to cut off their noses, and he would do so yet if he got a chance. He is said to be a magnificently-built man of fierce appearance.

The Secretary of State for India gave sanction for the construction of the Raichur-Wondalli Light Railway. The conditions are that the promoters be allowed to construct a branch line on the 2 feet 6 inches gauge, starting from the joint station of the Great Indian Peninsula and Madras Railway Company at Raichur and proceeding to Wondalli, together with the right to extend the branch beyond Wondalli through Linsugur to the terminus at Mudgal. If in any year the net earnings of the proposed branch line Company do not amount to 4 per cent. on the capital the Great Indian Peninsula Railway Company, the Madras Railway Company and the Nizam's Great State Railway Company shall pay to the branch line Company out of the net earnings on any interchanged traffic other than passenger traffic, so far as these net earnings are in each year sufficient to meet the charge, a rebate sufficient when added to the net earnings of the branch line to bring up those earnings to 4 per cent. per annum on the capital. These concessions were approved subject to the stipulation that the Home Office expenses be limited to Rs. 6,000 a year, and the rate of interest during construction to 4 per cent. The line is to be constructed on the principle that at the outset all that is required is a good sound road-bed throughout, a crossing station every six or seven miles, with a loop about 500 yards long and a small station office. Such improvements as experience may show to be necessary are to be

provided at the Company's expense, and charged to its capital account after the branch line has been opened for traffic. These terms were sanctioned by the Secretary of State on the understanding that the three railway companies concerned in the rebate had already intimated their willingness to accept the proposed arrangement, and on the condition that any contract which the promoters may arrange must be subject to the approval of the Secretary of State.

During the visit of Colonel Wray, Political Agent to Sangli State, the foundation-stone of the Wray Hospital was laid, and a paddock for the brood-mares of the State stables was opened. It was explained that in the year 1861 a small dispensary was established, and was located in a house which ill-served the purpose for which it was used. A dispensary after an approved fashion was built in the year 1886, but the wards had been found to provide unfit and insufficient accommodation for in-patients. Under these circumstances the Chief decided to build a hospital worthy of the State. Colonel Wray, in addressing the assembly, said:—"The laying of the foundation-stone of this hospital will be one of my happiest reminiscences of Sangli as the hospital itself will be, I am confident in the same proportion, a lasting comfort to the 200,000 people of the Sangli State. It will be superfluous, in view of the sad condition of the public health during the past three years, to expatiate upon the necessity or merits of a commodious and well-organized hospital, whatever may be its denomination; I mean whether a general hospital or one for special diseases. Some three years ago Tatyasaheb saw the necessity for a more suitable hospital than the one which was provided for the people in 1886, but the constantly recurring misfortunes of the Southern Mahratta country, such as the famine of 1891, then the plague which commenced in 1896-97, then again the famine of 1897-98 with all their attendant expenses and drain upon the State-finances, made it necessary to postpone the project which is now before us until better days came. In connection with that sad time of plague which, we much hope, will never come again, I cannot but accord praise to those gentlemen who all strove to the utmost of their abilities to do their duty towards the suffering public as officers and as citizens, and of whose services, I am sure, the Chief will allow me to express this acknowledgment." The party then proceeded to the corner-stone, which bears the following inscription:—"The foundation-stone of the Sangli Wray Hospital was laid by Mrs. J. W. Wray on the 25th December 1899." Mrs. Wray then laid the foundation-stone. The Chief also asked Colonel and Mrs. Wray to open the paddock newly built for the brood-mares of the State stables, which was done. The enclosure is situated near the State bungalow, about two miles from the town. It is large enough to accommodate about fifty animals. Arrangements for water and shade have been carefully made.

A very old lady—aged 95—the only surviving consort of the Maharaja Krishnaraja Wodiar, died in the Mysore Palace. Krishnaraja Wodiar was put upon the throne of Mysore in 1799, after the fall of Seringapatam and the death of Tipu. At the time when Tipu fell, Krishnaraja, the descendant of the old Hindu royal line which Hyder Ali had dispossessed, was a boy, living in obscurity in the house of a potter in the bazaar; and he was brought out by Lord Harris to be restored to the nominal authority of Mysore. Six years after this, the lady who died was born. A local paper said that, although the old lady's status in the Palace was small, yet personally she was a very fine woman, and used to look after the household affairs of the Royalty when Royalty was on tour. She was kind-hearted and charitable, and spent in her later years something like Rs. 600 a month on gifts. She leaves no offspring behind her, but she was particularly fond of children. She took under her protection a number of deserving poor people, and endowed them for life. Every case of

destitution that was brought to her notice was provided for, and she used to pay small sums of money to the poor on occasions of births, marriages and deaths. Her death removes the only link that contrasted the modern ways in the Palace with those that prevailed in the days of the late Krishnaraja Wodiar.

Information was received to the effect that the British steamer *Indra*, owned by the Indra Steamship Company, had been wrecked off the African Coast to the south-west of Cape Guardafui or Ras Asir. The intimation of the wreck was received by the Secretary to Government in the Marine Department from the Resident at Aden, who telegraphed to the effect that the vessel was wrecked on the 20th August. The officers and crew took to the boats. Two of the boats with the master, some of the officers and men, numbering in all thirty, were picked up by the steamer *Barbara* on the 22nd August and, conveyed to Aden. From the latter port the Royal Indian Marine steamer *Minto* was despatched in search of the *Indra's* missing boat in which were two officers and thirty-eight men. The search made by the *Minto* proved unsuccessful, and the vessel on returning to Aden reported she had found no trace of the missing men. The steamer *Indra*, which had in former years made many voyages to Bombay, was a cargo vessel of 6,057 tons register. She was built in 1897 by C. Connell & Company of Glasgow, and was registered at the port of Liverpool.

The investiture of His Highness Ajitsinhji, Raj Saheb of Dhrangadra, aroused great interest throughout the State. Saturday, 1st December, was the thirteenth day from the death of the late Raj Saheb, Sir Mansinhji, K.C.S.I., and according to Hindu religion and custom the installation ceremony had to take place on that day, though the formal investiture took place on the 3rd idem. From early morn the young Chief was occupied in performing a number of religious rites. These occupied about four hours, and at the conclusion of this portion of the ceremony, the Durbaris and the leaders of the different sections amongst his subjects and a number of his friends met him in the Durbar Hall, and greeted him on his accession to the gadi.

The festivities were not on a very large scale on account of the mourning observed for the late Chief. In the morning Colonel Kennedy, the Acting Political Agent, visited the Durbar Hall, where he was met by the Raj Saheb, a salute of eleven guns being fired. Colonel Kennedy accompanied by the Raj Saheb, and Captain Merewether, Assistant Political Agent, Jhalawar, then conducted the Raj Saheb to a chair of State on the dais. As the Chief took his seat a salute of eleven guns was fired during which the Dewan handed the seal of the State to his Highness.

Colonel Kennedy then said:—Your Highness, ladies and gentlemen,—The first news that reached me on arrival at Rajkot, the other day, to take over temporary charge of this Agency, was that of the death of the late Raj Saheb of Dhrangadra, Sir Mansinhji, K.C.S.I. I was not fortunate enough to know the late Chief personally to any but a very slight extent, but I knew of him by hearsay, and all that I so knew was good; and before proceeding with the immediate business of this installation ceremony, I wish to pay a tribute to his memory as an intelligent and universally-respected ruler. I need hardly assure your Highness how pleasing it is to me to be the Agent, under orders of Government, to install you on the gadi of your ancestors as Raj Saheb of Dhrangadra. The whole province of Kathiawar has but just passed through a most severe and unprecedented famine, which has drained the resources of every State; and Dhrangadra has been one of the most sorely smitten." He then went on to state the responsibilities of a ruler, and in concluding said:—"Be ready for the rainy day—or, perhaps, it would be more appropriate to say the rainless day

—not by hoarding money, but by keeping within your means, and by laying out your income for the general benefit of the present generation and those to succeed. Now, in conclusion, I install your Highness as the Raj Saheb of Dhrangadra, and offer you my sincere congratulations on the occasion, and wish you many years of life, prosperity and usefulness in the position to which you have succeeded."

On the 6th November Lord Curzon unveiled the statue of Her Majesty the Queen erected in the Jubilee Hall at Rajkot. In doing so, he said:—"Chiefs and Nobles,—Before we separate I have been invited to perform one further and most agreeable task. It is that of unveiling the statue of Her Most Gracious Majesty the Queen-Empress which stands in the apse of this hall, which already takes its name from one of Her Majesty's sons. The statue is the work of Mr. Alfred Gilbert, one of the most gifted of British sculptors, and is a replica of the original effigy which I have seen in England, and which is now, I think, at Winchester. It is a noble work of art, and is, I venture to assert, the finest sculptured representation of Her Majesty outside the shores of Great Britain. I have spoken of the loyalty that pervaded the Chiefs of this province and of the spontaneous shape that those feelings have taken during the past year. But already, in the Diamond Jubilee year of 1897, the Chiefs of Kathiawar had decided to testify their reverence for the Queen by some special commemoration, and the order for this statue was the result. It is, I venture to think, a remarkable and gratifying thing that in remote Kathiawar the ruler of the vast dominions of the British Empire should be honoured by her feudatories in so conspicuous and enduring a fashion. There has been no Sovereign of the British or any other Empire who has so won the affections of her subjects as Queen Victoria. No Great Mogul at the height of his power commanded one-half of the personal devotion from the Indian people that is aroused by their English Queen. Every one of the Indian Princes, when he goes to England, is inspired by the desire to pay his homage to Her Majesty to receive her wise counsels, and to profit by her gracious advice. To all of them, whether they have seen her or not, she is not merely Queen, but mother, and they are bound to her by ties, not only of political allegiance, but of filial respect. It is therefore a right and befitting thing that in this hall where you meet on ceremonial occasions, and where to-day, as Her Majesty's representative, I have been privileged to address you, there should always be present to the eyes of the Chiefs of Kathiawar the image of the first ruler of the British Empire who has appealed to the imagination, as well as to the loyalty, of her world-wide Empire. May her pure and benign and gracious example long continue to inspire us; may the memory of the Sovereign who cared more deeply for her Indian subjects than any of her predecessors, and who was one with her people in their sorrows not less than in their joys, remain bright through the long vista of future years, binding the Indian Chiefs and races with indissoluble ties to the British throne. Chiefs and Nobles, I declare unveiled this statue of Her Majesty the Queen."

In laying the foundation-stone of the Trimulgherry Soldiers' Home at Secunderabad on 2nd November, General Wodehouse said: "In thanking Ram Gopal Seth for his generosity in providing the whole amount to build this excellent institution, I should like to say that according to the latest returns there were in the Army and the Royal Navy, in 1899, 31,275 declared Wesleyans. Thirty Soldiers' Homes have been established under the direction of the Army and Navy Committee of the Wesleyan Church at a cost of £42,000. All these homes are held in trust for the use and enjoyment of all members of Her Majesty's sea and land forces, irrespective of religious denomination, and it is a cardinal principle with regard to them that no

attempt is made to change any man's religion. As regards the Trimulgherry Soldiers' Home, the foundation of the central portion was laid in 1886, when General Gleb commanded the station, at a cost of Rs. 8,000. The wings were added at a cost of Rs. 9,000, and were opened by General East. Owing to insufficient accommodation, it was decided this year to enlarge the Home, and when Ram Gopal Seth was asked for a subscription towards this end, he generously offered to bear the whole expenses as a mark of loyalty to the Queen, and to celebrate the successes of her Majesty's arms in South Africa. This building for the use of the soldiers of the Queen he has desired should be called the Ram Gopal Hall, and his request has been complied with. On behalf of the garrison I tender our grateful thanks to him for this very generous gift. The generosity of Ram Gopal's character reminds me of Hatteam Tai, famous in Hyderabad, who last year received an eloquent tribute of praise from the Nizam on the occasion of the opening of the Fair on the Futteh maidan. May this generous act of Ram Gopal draw closer the bonds of mutual respect and consideration which should unite the British soldiers of the Queen and her Majesty's loyal Indian subjects."

The Financial and Commercial Statistics of British India for the past official year was compiled by Mr. J. E. O'Conor, Director-General of Statistics. The volume is a model of clearness and lucidity, and is prefaced by a summary of contents and explanatory memoranda. The statistics as to population are, of course, based on the census of 1891, and are consequently somewhat out of date, but in his report on the financial affairs of India, Mr. O'Conor gives precedence to the fact that out of a population of nearly 300,000,000 some 200,000,000 were, according to the latest available returns, directly dependent on agriculture for their livelihood. Commerce and trade are shown as supporting only 3 per cent. of the population, and industrial occupations 10½ per cent. Under the heading of Revenue and Expenditure, we have the following summaries of the most important items of the two sides of the Imperial Balance Sheet, the amounts being shown in sterling at the rate of Rs. 15 to £1 :—

Expenditure.		Per cent.	Revenue.		Per cent.
Civil Services (including Civil Works)	£17,848,100	= 27·05	Land Revenue	£17,240,800	= 25·16
Railways ...	16,472,700	= 24·97	Railways ...	16,464,300	= 24·00
Military Services	15,885,500	= 24·08	Salt	5,879,100	= 8·58
Land Revenue	2,749,600	= 4·17	Opium	4,003,800	= 6·43
Irrigation ...	2,241,800	= 3· 4	Excise	3,860,600	= 5·63
Debt Services...	1,254,500	= 2·06	Stamps ...	3,231,700	= 4·72
			Customs ...	3,153,300	= 4· 6
			Provincial Rates	2,514,500	= 3·67
			Irrigation ...	2,415,200	= 3·52

Of the past 24 years 13 have shown a surplus aggregating Rx. 25,284,894, and 11 years a deficit aggregating Rx. 26,370,140.

The revenue from salt is one which has a special interest in the Madras Presidency, and during the past 10 years the income from this source has been almost stationary, though the increase in the population during that period must have been very considerable. During last year some 11½ millions of maunds of salt were imported into India from Europe, against a local production of 25 millions, to which Madras contributed 7,329,357. In 24 years the revenue from opium dropped from Rx. 9,122,460 to Rx. 2,481,300, and constitutes only 6·43 per cent. of the Imperial revenue against 15·55 per cent. a quarter of a century ago. The decreasing tendency is, however, in exports only, for during the last 10 years the receipts from opium consumed in India increased by 2 per cent. For last year this Presidency contributed 30·5 per cent. of the whole liquor revenue of India, against 23·7 by Bombay, 19·7 by Bengal, and 10·4 by the North-West Provinces and Oudh. The Customs revenue

fluctuated with changes in the fixed system, but since the last change was made in 1896 the duties recovered slowly increased in quantity. The income-tax collections during the past 13 years increased by 39 per cent., or an average of 3 per cent. annually. The rate of taxation remained steady throughout that period, but last year 471,652 persons paid the tax, as against 354,594 in 1886-87. From these figures it would appear that nearly 287 millions of persons in India have an income of less than Rs. 500 per annum, or are able to prevent the tax collector from proving that they have more. Under the heading of coal mines, the production of Bengal exceeded 78 per cent. of the whole Indian production, with a total output last year of 3,882,930 tons. It is satisfactory to note, however, that amongst the other coal-bearing districts Singareni comes next in the order of merit, though an output of 401,000 tons reads small after the Bengal figures. We notice in connection with coal and mineral production that last year over the whole of India only 8 prospecting licenses were issued, and only 73 mining licenses, of which 72 were for mica in Nellore, and the other for magnesite in Salem. The value of the imports into India during 1899 was 11·35 per cent. above the average for the past 39 years, and exports showed an increase of 2·45 per cent., results which cannot be considered unsatisfactory in view of the prevalence of plague and famine.

OBITUARY.

The late Duke of Saxe-Coburg.—On July 30 the death of the Duke of Saxe-Coburg and Gotha occurred. The Duke had been in weak health for some time past, and was known by a few to be in a critical condition, but to the world at large the end was, like the death of the late Duke of Albany, as sudden as it was unexpected. His Royal Highness Alfred Ernest Albert, known in early years as Prince Alfred, was the second son of Her Majesty and the late Prince Consort, and was born on August 6, 1844. He was first educated under the care of the Rev. H. N. Birch and Mr. E. W. Gibbs, and subsequently of Major Cowell, R.E., ultimately spending sometime at the Universities of Bonn and Edinburgh. For some years the health of the Duke of Saxe-Coburg and Gotha had been a matter of anxiety. He had tried various cures without much success. At the time of the Diamond Jubilee of the Queen in 1897 it was stated the Duke was too unwell to undergo the fatigue of sitting on horseback, and on the day of the procession to St. Paul's Cathedral he rode in a carriage, wearing a British Admiral's uniform. Later on the Duke went on a prolonged visit to Upper Egypt in search of health. Though he derived considerable benefit from the dry warm climate, the cure was far from complete, and mud-baths were beyond his strength. On the arrival at Malta of the man-of-war which was placed at his disposal for the voyage home, it was found that the Duke was too ill to be removed ashore, and for several weeks he remained on boardship in harbour. Subsequently he went to the Riviera. Profound family griefs followed, and the Duke did not feel sufficiently strong to accompany the Duchess to London last summer. In May His Royal Highness, who was then suffering from rheumatism, took a course of the waters at Herkulesbad with favourable results. In June, however, unfavourable symptoms affecting the neck supervened, and gradually assumed a threatening character. On June 22nd a consultation of eminent specialists was held in Vienna, and the existence was discovered of a type of cancer at the root of the tongue. His Royal Highness then, at the desire of the Duchess and the other members of the family, who were informed of the nature of the disease, took up his residence at the Castle of Rosenau. The Duke, who was himself not aware of the real state of things, hoped to recover his health during his stay at Rosenau, but an unexpected attack of

heart paralysis brought about the fatal termination. According to some medical accounts the evil was too deep-seated to permit of an operation, the centre being the tongue and larynx.

The late Prince Christian Victor Albert Ludwig Ernest Anton of Schleswig-Holstein died from enteric fever at Pretoria. He was the eldest child and elder son of Prince and Princess Christian of Schleswig-Holstein, and a grandson of the Queen. He was born on April 14, 1867, and received his education at Wellington College and Magdalen College, Oxford. Prince Christian Victor entered the Royal Military College, Sandhurst, remaining there until 1888, when he received a commission as a second lieutenant in the King's Royal Rifle Corps. Two years later he was promoted to be lieutenant, and in 1896 became captain with the brevet rank of major for war service. He served with the Hazara Expedition in 1891, as orderly officer to Major-General Elles. He saw service also in the Miranzai Expedition of the same year, with the 1st Battalion of his corps, and was present at the engagements of Sangar and Mastan. In the following year he was in the Isazai Expedition. He volunteered his services, and was made aide-de-camp to Major-General Sir Francis Scott in the expedition to Ashanti against King Prempeh, and for his share in the expedition was promoted to the brevet rank of major. He also served with the Soudan Expedition under Lord Kitchener in 1898, and took part in the bombardment of the forts of Omdurman and the subsequent land engagement. In October last he was gazetted for special service on the staff in South Africa. The Prince was a Knight of Justice of the Order of St. John of Jerusalem in England, a Grand Cross of the Bath (conferred on him in 1890), and a Grand Cross of the Royal Victoria Order (1898). By the Headquarter authorities he was held in very high appreciation as a painstaking, efficient and excellent officer. When the Boer War broke out the Prince was one of the first to place his services at the disposal of the War Office. For some time past he was at Pretoria on Lord Roberts' staff. He was not married.

The late Duke of Argyll.—His Grace the Duke of Argyll, George Douglas Campbell, whose death took place on the 25th April, had attained the age of 77 years, for he was born on the 30th April 1823. He was the eighth Duke and succeeded in 1847. He was created Duke of Argyll in the peerage of the United Kingdom in 1892. He was married three times and leaves nine children, three sons and six daughters, the eldest son, who succeeded him, being the Marquess of Lorne, who in 1871 married Her Royal Highness the Princess Louise, fourth daughter of Her Majesty Queen Victoria, Empress of India. The late Duke, in the course of his long and busy life, held many appointments, for he was distinctly a working member of the busy human hive. At three different epochs, and for varying periods, he was Lord Privy Seal; from 1855 to 1858 he was Postmaster-General; he was Lord Rector of Glasgow University in 1854-5, and was Secretary of State for India from 1868-1874. In Scotland he was Lord Lieutenant and Hereditary High Sheriff of Argyllshire, Master of Her Majesty's Household, Keeper of the Great Seal of Scotland, and of Dunstaffnage, Dunoon and Carrick Castles, Chancellor of St. Andrew's University, and Honorary Colonel of the 5th Volunteer Battalion of the Princess Louise's (Argyll and Sutherland) Highlanders. His first wife was Lady Elizabeth Sutherland-Leveson-Gower, who died in 1878. She was the eldest daughter of the 2nd Duke of Sutherland, and mother of the Marquess of Lorne. His Grace's second wife, whom he married in 1881, was the daughter of the late Bishop Claughton; she died in 1894. In the following year he married the Hon'ble Ina Erskine, daughter of the late Archibald McNeill, who survives him. All the children were by His Grace's first wife, the youngest being born in 1864. The deceased Duke was well known as an author and public speaker as well as a politician.

The late Commander-in-Chief, Sir William Lockhart, died at Calcutta on Sunday, 18th March. He was born on 2nd September 1841, and entered the Bengal Army in October 1858, being gazetted to the 44th Bengal Native Infantry in March 1859, and awarded his commission three months later. He served with the 5th Fusiliers in Oudh, and throughout the Bhootan Campaign of 1864-6, and took part in the reconnaissance to Cheerung. His services were acknowledged by the Government of India, and he received his first medal with clasps. He served as aide-de-camp to Brigadier-General Merewether, commanding the cavalry brigade in the Abyssinian Campaign, and was present at the action of Arogee and the fall of Magdala, when he was mentioned in despatches and received another medal. Shortly afterwards he commenced his Staff services as Deputy Assistant Quartermaster-General to the 2nd Brigade with the Hazara Field Force in the Black Mountain expedition. He was again mentioned in despatches, and received the clasp for his services. Sir William Lockhart was with the Dutch Forces in Sumatra during the war in Acheen 1875-77. He was present at the capture of Lambada, and was mentioned in despatches, subsequently receiving the medal with clasp. From June 1875 to May 1880 he was Assistant Quartermaster-General in Bengal. He obtained the rank of Major in June 1877, and that of Lieutenant-Colonel in April 1879. In 1879-80 he served in the Afghan war, first as road commandant in the Khyber, and subsequently as Assistant Quartermaster-General and Deputy Adjutant and Quartermaster-General to Major-General Sir Frederick (now Lord) Roberts' division, being present at the affairs of Karez-i-Mir and Takht-i-Shah. He took part in the operations around Cabul, including the investment of Sherpore, when he was again mentioned in despatches, was created a C.B., and received his third medal with clasp. From November 1880 to April 1885 he was Deputy Quartermaster-General in the Intelligence Branch, Bengal, having obtained his Colonelcy in April 1883. From June 1885 to July 1886 he had charge of the mission to Chitral under the Foreign Department. From September 1886 to the following March he was in command of a brigade in the Burmese expedition, and for his services he received the thanks of the Government of India, was once more mentioned in despatches, and was awarded the K.C.B. and another clasp. After the conclusion of the Burmese campaign he was in command of a brigade in Bengal, was Assistant Military Secretary for Indian affairs at the headquarters of the Army from April 1889 to October 1890, and was in command of a brigade, Punjab Frontier Force, from November 1890 to March 1892. Gazetted a Major-General in September 1891 for his services in command of the first and second Miranzai expeditions; he was also mentioned by the Government of India in despatches and received another clasp. In 1892 he was in command of the force of the Isazai expedition, and from March of that year to March 1895 was a Major-General in Bengal. Subsequently he commanded the forces in the Punjab, having reached the rank of Lieutenant-General in April 1894, and that of General in November 1896. In 1894-5 he had command of the field force in the Waziristan expedition, and was again mentioned by the Government of India in despatches. He was created a K.C.S.I. in May 1895, and received the Companionship of the Order in February 1897. Sir William Lockhart had also a fine record apart from his active services with the Army. Thirty years ago he received the bronze medal of the Royal Humane Society, which was awarded him for jumping into the water with all his clothes on, and, with the assistance of Lieutenant (now Colonel) M. Clementi, of the Bengal Staff Corps, rescuing two women who had been upset from a boat on the Morar Lake, Gwalior, on the 26th December 1869. He had been attached to the Instruction Staff of the Swiss Army, and had been employed under the Foreign Office for the relief of the crew of the *Nisero*, captured by the Malay Rajah of Tenom. In the autumn of 1897, when Sir William Lockhart was on leave on the Continent, the outbreak occurred which set

the whole of the North-West frontier ablaze; a great force was organised for the invasion of Tirah, and Sir William was recalled to take the chief command.

The late Maharajah of Patiala, who had been suffering for five days from a severe attack of fever, died on the 8th November at his capital, aged 28. Born on the 25th May 1872, he succeeded to the gadi when only four years old, on the death of his father, Maharajah Mahindar Singh, aged 23, on the 14th April 1876. The present successor to the gadi is also a minor. As a ruler the deceased Maharajah was not successful. He was an excellent pigsticker, a crack polo-player, a fair hat, and the keenest lover of horses and horse-racing. The Indian sporting world lost in him one of its most conspicuous figures. He was a great admirer of the English, and of Lord William Beresford and Lord Roberts in particular, and was ever ready to serve them, as witness his offers of assistance in men or money in the South African and China wars, as well as his active service in the late war on the North-West frontier, for which he received the Grand Cross of the Star of India. His ancestors were the owners of the sanitarium and territory of Simla, but parted with them in 1830 to the British Government in exchange for lands in Barauli. In the Sutlej Campaigns of 1845-46 the then Maharajah of Patiala fought against the Lahore Army and was rewarded by the British. In the Mutiny Maharajah Narindar Singh aided the British by sending an auxiliary force to Delhi, keeping open communications on the Grand Trunk Road, sending troops to Gwalior and Dholpur, and affording other valuable aid, in recognition of which he received further large extensions of territory. The marriage of the late Maharajah to a European lady under somewhat romantic circumstances was regarded with great disfavour by the Sikhs, of whom he was the chief Ruling Prince; the union was of short duration, for the lady died of fever.

H. H. the late Rana Saheb of Porebunder died at the age of 81. He was a strict orthodox and an earnest follower of the Shaiwa religion. He was eight years of age when he succeeded his father. He carried on the administration of his State till 1886 when Lord Reay's Government found it necessary to depose him and appoint an administrator. His Highness had been ill for several months. He had lost his only son many years ago and will now be succeeded by his grandson, Kumar Shri Bhawsinhji, an intelligent prince, who, it is expected, will now be invested with the powers of administration. His Highness Rana Shri Vikramatji Khimaji was born on the 1st April 1819. He succeeded to the gadi on the 20th June 1831, and belonged to a Jetwa Rajput (Hindu) family, claiming descent from Hanuman, the monkey-god of the Hindus, and possessing authentic records of their history for the last 570 years in Kathiawar. In 1807 the State came under British control. It possesses three harbours on the coast, of which one, Porebunder, has a considerable trade. The area of the State is 636 square miles; its population, 71,072, chiefly Hindus, but including 6,741 Mahomedans. The Rana maintained a military force of 14 cavalry, 236 infantry and 113 guns, and was entitled to a salute of 11 guns.

The late Sir Donald Stewart.—The death of Field-Marshal Sir Donald Stewart, Bart., G.C.B., G.C.S.I., C.I.E., D.C.L., LL.D., was not altogether unexpected, as he had for some months past been in failing health. The Indian Army lost in him an honoured veteran who gave 45 years of his long life to service in India, and rose by sheer merit from Subaltern to Commander-in-Chief and Field-Marshal. The deceased, who was exactly 76 years of age, received his education at the University of Aberdeen, and entered the Bengal Staff Corps in 1840. His first field service was against the Hill tribes in the Peshwar District in 1854 and 1855, when he was honourably mentioned in despatches. In May and June 1857, at the outbreak of the Mutiny, he commanded the volunteers serving in the Allyghar district. When all communication with the Upper Provinces was cut off, Captain Stewart volunteered to carry despatches from the Government of the North-West Provinces to the Officer commanding at Delhi. This he performed with success, and on his arrival at the camp before Delhi he was appointed Deputy Assistant Adjutant-General, in which capacity he served with the field force throughout the siege of Delhi. He was again mentioned in despatches with signal approval, and was promoted to the brevet rank of Major. He afterwards served in the siege of Lucknow as Assistant Adjutant-General, and throughout the campaign in Rohilkund. His services on this occasion were further recognised, and he obtained a brevet of Lieutenant-Colonel with the medal and two clasps. In the Abyssinian expedition of 1867-68 Colonel Stewart commanded the Bengal Brigade, and commanded for some time at Zulla and Senafe and he was then rewarded with the C.B. He attained the rank of Lieutenant-General in 1877. He was in command of the Kandahar column of operations in the Afghan Campaign from November 1878 to April 1880, and for his services received the thanks of Parliament and was made K.C.B. He commanded the field force which marched from Kandahar to Kabul in April 1880, fought and defeated the Afghans at Ahmed Kheyl, and again at Boozoo. General Stewart subsequently held supreme command of the Army in Northern Afghanistan, and after despatching Sir Frederick Roberts to the relief of Kandahar, he carried out the withdrawal of the British Army from Kabul and Northern Afghanistan. For these services he received the thanks of Parliament, and was made G.C.B. and Baronet. In September 1880 he was appointed Member of the Council of the Governor-General, and in April 1881 succeeded Sir F. Haines as Commander-in-Chief in India. Sir Donald Stewart was Governor of the Royal Hospital, Chelsea, and in 1885 was made a Member of the Indian Council. He was made a Field-Marshal in November 1894. He was married in 1847 to a daughter of Captain Sabine, R.N., and is succeeded in the Baronetcy by his eldest son, Brigadier-General N. R. Stewart, Commanding the Hyderabad Contingent, now commanding a brigade on active service in China.

The late Major-General Sexton died at Scarborough. He was born on the 4th August 1832, and enlisting in the 95th Foot, served in the ranks with that regiment during the earlier portion of the Crimean Campaign. He became Lieutenant in March 1855, and was Adjutant of the regiment for six years from October following. He served throughout the remaining stages of the siege of Sebastopol, for which he had the medal with three clasps, the Turkish medal, and the Knighthood of the Legion of Honour. He served throughout the Indian Mutiny Campaign of 1857-58, and received a medal with clasp. Obtaining his Company in September 1861, he was serving on the Staff from September 1867 to October 1871 as a Deputy Assistant Quartermaster-General in Bombay, was transferred to the Bengal Staff Corps in October 1870, and to the Bombay Staff Corps in August 1871, having obtained a Brevet Majority in May, and from November 1871 to November 1877 he was Assistant Quartermaster-General in Bombay. The deceased was placed on the Unemployed Supernumerary List in August 1887, and promoted to be Major-General in December 1892.

The late Major-General Truell died at Wimborne. He entered the Army in 1856 and had a distinguished record. He served with the 53rd Regiment in the Indian Campaign of 1857-59, including the action of Khujwah, the relief of Lucknow by Lord Clyde, the battle of Cawnpore and pursuit of the Gwalior Contingent to Serai Ghaut, the action of Khodagunge and entry into Futtehghur, the affair of Shurnahabad, the storming and capture of Meangunge, the siege and capture of Lucknow, the affair of Koorsie, the passage of the Goomtee and the

occupation of Sultanpore, the passage of the Gogra at Fyzabad, the action of Toolsepore, and minor incidents. He was appointed Staff officer to a Column on the Nepaul Frontier, and was mentioned in despatches and received the medal with two clasps. He served with the 1st Battalion, Shropshire Light Infantry, in the Egyptian war of 1882, and when commanding the battalion was present at the surrender of Kafr Dawar and Damietta, receiving for these services the medal and the Khedive's star. He commanded the same battalion in the expedition to the Soudan in 1885, was again mentioned in despatches, received the clasp and was made C.B.

The late Sir William Hunter, K.C.S.I., C.I.E., M.A., (Oxford) and Honorary LL.D. (Cambridge and Glasgow), died on 7th February at the age of 60. Joining the Indian Civil Service in 1862, at the head of the list of candidates, he retired in 1887, and for the past 13 years had been actively engaged in many literary pursuits, including the writing of the able articles on Indian Affairs which appeared in the *Times*. After distinguishing himself in Calcutta in the acquirement of Sanskrit and the modern vernaculars in Bengal, Sir William went into the mofussil, and in 1866, on the outbreak of the Orissa Famine, was appointed Inspector of Public Instruction in the province of Orissa and the South-Western Division of Bengal. For his services he received the thanks of Government. He was subsequently invalided to England where he wrote "The Annals of Rural Bengal," which won a wide popularity, the book running through five editions, and a "Dictionary of the Non-Aryan Languages of India and High Asia." On his return to Bengal he was awarded a sum of Rs. 20,000 and received the thanks of Government and of the Secretary of State. In 1871 he was appointed Director-General of Statistics to the Government of India, and organised and carried out the statistical survey of the country, publishing in 1876 his "Statistical Account of Bengal" in 20 volumes. The survey of the other Provinces was [illegible] under his direction. In 1878 he was appointed in the first list of members of the new Order of the Indian Empire. In 1880 the Statistical Survey of India was completed, and the records made available to the public in 128 printed volumes. In the following year this immense work was condensed and alphabetically arranged into the "Imperial Gazetteer of India" (14 volumes). In the same year Sir William was appointed to the Viceroy's Legislative Council, and in the following year he became President of the Education Commission in India, in which latter capacity he was largely instrumental in consolidating public instruction in India on its present basis. For his services in this capacity he was appointed a C.S.I. In 1886 Sir William was appointed to the Finance Commission, and he retired in 1887, when he was appointed a K.C.S.I. Among his more recent works are "The Old Missionary" and "The Thackerays in India."

The late Count Beauregard, who was killed with the Boer force at Colenso, was for two years an officer of the Lancers. He joined in 1894, and resigned his commission in 1896. Subsequently he went out to Kimberley, and joined the Boer forces in July last. He was born in 1872, and educated at Trinity College, Cambridge. News of his death was received from the Boer headquarters, Pretoria, by Count Beauregard of Bournemouth. The Beauregards are French Royalists, and were exiled from France at the time of the Franco-Prussian war.

The late Mr. Chester.—The death at the early age of 43, occurred of Mr. B. H. Chester while journeying to Bombay *en route* to England. Mr. Benjamin Henry Chester was a Fellow of the Madras University, and Second Presidency Magistrate of Madras. The melancholy occurrence took place in the train on the 20th April in the neighbourhood of Kalyan, some 30 miles from Bombay. It was Mr. Chester's intention to embark on the P. & O. Steamer *China* for England, where he intended to utilise the three months' privilege leave recently granted to him in

completing the preliminary steps to being called to the Bar at Gray's Inn. His state of health had caused very grave anxiety to his many friends, for he was suffering from severe nervous prostration, the result of over-work. When he departed from Madras by the mail train he was given a most hearty send-off by the leading members of the Anglo-Indian and Eurasian Association, of which he was so ardent a supporter and so valuable a Vice-President. Signs of severe physical exhaustion were apparent as he bade his friends good-bye, and it was with many misgivings that these latter saw the train steam out ere the sound of their cheers and good wishes died away. The cause of death was stated to have been heat apoplexy. The body was carried on to Bombay, where the funeral took place under the care of the Eurasian and Anglo-Indian Association of Western India. Of more than usual natural ability Mr. Chester lost no opportunity of cultivating his gifts, and from the studious schoolboy he developed into the well-informed University graduate, proceeding to the Degree of Master of Arts. He early devoted himself to a scholastic career, and after holding the Headmastership of a small school in Black Town he secured an appointment at Doveton College, where he was Vice-Principal for a considerable period, and acted as Principal on more than one occasion. He was highly esteemed by his colleagues, by the boys and by their parents. He took a keen interest in sports and games, and while an excellent disciplinarian he proved himself a thoroughly sympathetic friend to the lads entrusted to his care. In 1888 an opportunity offered for Mr. Chester to join the Government service as a Deputy Collector, and for the next three years he spent his time in the Bellary and Wynaad districts. He was then brought to Madras as Deputy Collector of Madras Town and Collector of Income Tax, and here his energy and capacity for work had larger scope. November 1897 he was appointed Second Presidency Magistrate, and in March 1898 he acted as Chief Presidency Magistrate, Madras. The former appointment he was holding at the time of his death.

The late Mr. G. R. Greene died on the 31st July at Ramnad. He joined the Survey Department as Probationary Assistant Superintendent on the 17th March 1885, was confirmed in 1886, was promoted to the rank of Acting Deputy Superintendent in 1891 and confirmed in 1893, and was ultimately selected to fill the important post of Superintendent on the retirement of Mr. H. O'C. Cardozo, C.I.E. Though his tenure of office as Superintendent was short, he introduced several improvements. He proved himself a very able officer, hard-working, very zealous, and carried out the multifarious duties entrusted to him with the greatest ability and success. He was an authority on Malabar tenure, habits and customs, having worked in the Malabar district in connection with Survey for the past 12 years.

The late Mr. Charles C. Hird died on the 14th September at the Home Hospital, Mackay's Gardens, Madras. He was employed in the firm of Messrs. Gordon Woodroffe & Co. Mr. Hird, who was said to be 39 years of age, came out to India in 1889, when he joined the firm's Madras office on transfer from their London office. He was invalided home some twelve months ago, suffering from a complaint which was diagnosed as acute dyspepsia. He returned to Madras in March last apparently in the best of health, but his friends had for some weeks past noticed signs of failing, which recently became more marked, and the sufferer was obliged to seek relief in the Home Hospital. The night before his death he was reported to be in a dying condition, an abscess on the liver having burst. He, however, appears to have rallied for a short time, but there was a sudden relapse and he succumbed.

The late Mr. J. Kernan died on the 1st November at Dublin, at the ripe age of 81. Mr. J. Kernan was for many years a Judge of the Madras High Court.

He took his seat on the Bench on the 3rd June 1870 and retired in May 1889, almost as hale and hearty as when he came to Madras. He was a very able Judge and particularly strong in commercial law.

The late Mr. Hesketh-Biggs died on the 7th December, at his residence in Nungumbaukum, from an attack of cholera. He entered the Financial Department in the 5th Class of the Enrolled List in September 1868, so that he had completed over 32 years' service. He served in a large number of appointments and stations, and first attained the rank of Accountant-General in April 1897, when he was posted to Burma. He was transferred to Madras in April 1898, and had remained here till March last when he went on long leave, from which he had only lately returned. Mr. Hesketh-Biggs had the reputation of being a most capable and hard-working officer, with an exceptional insight into all the minutiæ of public account work. He epitomised his knowledge to some extent in "The Grammar of Indian Finance." He was also the author of a little book called "The Shwe Dagon Pagoda," published in 1895.

The late Mr. MacCartie's death caused very widespread regret in India, where he was very well known. He was one of the leading spirits in all matters connected with sport and racing, hunting, pigsticking, shooting and, in fact, all that came in his way, he was always keen and always to the fore. He was above the average as a gentleman rider and much preferred riding over fences to invading the professional's province on the flat; his victories at Guindy and other courses in the Madras Presidency were very numerous. There are not a few who will remember him winning a steeplechase at Tollygunge in 1896 on Lord Douglas Compton's little pony "Sutlej." He was a most ubiquitous sportsman, for, shortly after this, he went down to Australia, and his name was soon prominent riding over the murderous fences at Flemington; and a few months after he was met by an old friend hunting with the Devon and Somerset staghounds.

The late Mr. Lawrence Reilly.—The death occurred of Mr. Lawrence Reilly, at his residence, Tipperary Cottage, Coonoor, aged 82. The deceased was a pensioner of the 74th Highlanders, and went to the Nilgiris in the year of the Mutiny. He at first was employed in the Public Works Department as an Overseer on the Coonoor Ghaut, where he had the misfortune to lose his right eye by the blasting of a rock. He afterwards entered the service of Colonel Woodfall as Superintendent of the Hill Grove Estate, about the time when Government was assigning waste lands for occupation by European capitalists undertaking to engage in coffee cultivation on the Nilgiris. In this capacity he secured the esteem and confidence of his employer, who subsequently admitted him to a partnership in the estate. Mr. Thomas Marden, who afterwards became a shareholder in the same property, was similarly impressed with his character, and left the management entirely in his hands, a management carried on, when the estate became too large for one person to look after, with the assistance of his son, Mr. John Reilly. Mr. Reilly acquired much house and landed property both about Coonoor and Ootacamund, which after retirement from active work he in part transferred to his sons. For some time past he had been totally blind, but this never deprived him of his cheerful and genial disposition.

The late Mr. Boyce died on the 10th March at the General Hospital, Madras. He was originally in the firm of Messrs. Bullock Brothers, Rangoon, but in 1877 he joined the Government service as a nominee of the late Sir Ashley Eden, Lieutenant-Governor of Bengal, and was posted to the superior grade of the Traffic Department of the Northern Bengal State Railway. He steadily worked up, grade by grade, first as Assistant Traffic Superintendent and then in charge of districts. Early in 1897 he was promoted to officiate as Traffic Superintendent of the East Coast Railway, in which appointment he was confirmed last April and which he held up to the time of his death. Mr. Boyce was a conspicuously able railway man, and frequently received recognition of his excellent qualities at the hands of the Governments which he so faithfully served. It will be remembered that he was the author or originator of the "Pocket Time Table," the first of its kind in India, which was received not long ago by the press and the public with every mark of favour and of which he was justly proud.

The late Henry Wapshare.—His many friends in South India and elsewhere heard with the deepest regret of the death, at the "Hope Estate," in the Ouchterlony Valley, of Henry Wapshare, in his 62nd year. The late Henry Charles Frederick Wapshare was the eldest son of Major Wapshare, for some years Cantonment Magistrate of Ootacamund (where he died on the 31st July 1864) and was educated at Cheltenham College, which he entered in August 1853. From Cheltenham he went to New Zealand, where he was engaged in stock-raising and farming for a few years, and whence, having come to India, he entered the employ of the late Mr. James Ouchterlony, under whom he commenced opening the Balmadies Coffee Estate, which subsequently matured into about the most productive and profitable property in the famous Ouchterlony Valley. Early in 1864 Henry Wapshare took charge of the North Perendatye Estate near Lackadie, in South Wynaad, and on being offered a more lucrative appointment nine months later he accepted the resident management of Strathearn and Maryland Estates near Davalah, in South-East Wynaad. Subsequently when the Moyar Coffee Company acquired the two estates, Henry Wapshare returned to the Ouchterlony Valley, with the exception of a brief visit to the scene of his earlier career in New Zealand, about 20 years ago. Henry Wapshare had been connected with the group of the Ouchterlony Valley Estates, of which he had for very many years been managing agent up to the time of his death, and he enjoyed the altogether unique distinction of being the most popular European planter ever known amongst the Canarese labouring population, where his name was a "household word," and never mentioned except in terms of affectionate respect.

The late Bishop Mayer.—Bishop Mayer, who proceeded on a sea-trip for the benefit of his health, died at Singapore on 10th September, at the age of 50. He was descended from an old French family and was born in Montreal on the 15th August 1850. He was left an orphan when only 10 years of age, and his success in life was due to his own exertions, coupled with his many excellent qualities. He received a liberal education at the Oneida Seminary, New York, at St. Hyacinthe College, Canada, and at St. Joseph's College, Mill Hill, London, which has turned out so many eminent Roman Catholic Missionaries. Being ordained Priest in 1876, he came out to India in the following year, and set himself to work with more than usual success to acquire a knowledge of the vernaculars of the Southern Province. He showed the possession of administrative abilities of a high order, and in 1882 he was appointed Vicar-General of Madras. Pope Leo XIII decorated him with the medal *Pro Ecclesiâ et Pontifice* in 1888, and on the 31st July 1894 he was nominated Bishop of Arcadiapolis and Auxiliary Bishop to the Archbishop of Madras. He was for some years Principal of St. Mary's College, in Armenian Street, an appointment he was holding at the time of his death. It is not only by the Roman Catholic community that the death of this good Bishop will be deplored, for he was a man of large-hearted sympathies and of great generosity of character. An eloquent speaker and an earnest and scholarly preacher, he was heard to advantage on the platform and in the pulpit. Poverty and suffering were sure passports to his kindly heart, and the intense interest he took in the Eurasian and Anglo-Indian Association, and in various

charitable organisations of Madras, was proof, if proof were needed, of his kindly disposition. He occupied a prominent and honourable position in this city.

The late Chief of Mudhol died of cholera on July 19th, aged 49 years, after sixteen hours' illness. Mudhol Vyankat Rao Balwant Rao Raje Ghorpare *alias* Bala Saheb, Chief of Mudhol, was born on 9th April 1861. He succeeded to the gadi as a minor on 27th March 1862, and belonged to the Bhonsle-Ghorpare family, which, though Mahratta, claimed descent from Chob Rao, said to have been a son of the Maharana of Udaipur, who came to the Deccan in very early times and obtained from the King of Bijapur the territory of Mudhol, with the title of Raja. The family is also said to have a common ancestor with Shivaji the Great, the founder of the Mahratta Empire. The second family name of Ghorpare is said to have been given because one of its ancestors managed to scale a fort previously deemed impregnable by attaching a cord to the body of a *ghorpad* or iguana, and thereby drawing himself up. The family banner is called the "Buhuta," and is a triangular flag or ensign of three colours—white, black and green. The Chiefs of Mudhol fought against Shivaji, but ultimately took military service under the Peshwas. Vyankat Rao I, the grandfather of the present Chief, became a feudatory of the British Power. He died in 1854, and was succeeded by his son, Bulwant Rao, who died in 1862, and was succeeded by his son, the late Chief. He held the rank of a First Class Sardar of the Southern Mahratta country. The State has an area of 362 square miles, and a population of 52,163, chiefly Hindus, but including 3,710 Mahomedans.

The late Depy.-Surg.-General Mackay.—The death was announced at Edinburgh, on the 20th November, of Deputy Surgeon-General George Mackay, formerly of the Madras Medical Establishment, in his eighty-first year. He was the elder son of the late Major Donald Mackay, Her Majesty's 70th Foot, and grandson of Colonel George Mackay, of Big-house, Sutherlandshire. He was born in 1820 at Aberdeen, where his father's regiment was then stationed. Taken with the regiment to Canada, he received his earliest education near the Falls of Niagara. In 1841 he took the degree of M.D. at the University of Edinburgh, gaining as an undergraduate several prizes and the silver medal of the Hunterian Society. In the following year he received a commission in the Medical Department of the Honourable East India Company's Service, and at once came out to India. He took part in the operations against the Mahrattas in 1844, and, being sent to Burma on active service in 1852, was present at the actions which culminated in the capture of Rangoon and also at the occupation of Prome and Meaday. He received the medal and clasp for Pegu, and was specially thanked for his services during the campaign. After the war he returned to duty in India, and in 1864 was appointed to the Military Finance Department. Surgeon Mackay was the first to introduce the modern treatment of heat apoplexy, and in addition to his military duties undertook many offices in societies formed for the general benefit of the English population in India. He retired from the service in 1875, and since that time had resided in Scotland.

46

PART I.—CALENDAR.

THE CALENDAR FOR THE YEAR 1901.

PRINCIPAL ARTICLES.

CHRONOLOGICAL NOTES.

Golden Number	2	Dominical Letter	F
Epact	10	Roman Indiction	14
Solar Cycle	6	Julian Period	6614

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 months 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, *primum lunæ*.

The Epact 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*.

The 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 7,980 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.

This style was contrived by Joseph Juste Scaliger in A.D. 1583, for chronological purposes, and is assumed as a fixed era in the calculations of all Astronomers and Chronologers. 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 would have been no dispute about the date of any event in past ages."

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 355 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 countries in which the Greek Church is the Established Religion.

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

HINDU, MAHOMEDAN, AND JEWISH ERAS.

The year 5003 of the Hindu Era of Kaliyugam commences on 21st March 1901.

The year 1959 of the Hindu Era of Viswamajit commences in the Madras Provinces on 21st March 1901, and in the Provinces of Guzerat, Deccan and Concan, it commences on 12th November 1901.

The year 1829 of the Hindu Era of Salivahana commences on 31st March 1901.

The year 35 of Brahaspathi Manam Plava commences on 13th April 1901.

The year 33 of the Hindu Drigganitham commences on 21st March 1901.

The year 1077 of the Hindu Era of Collum Andu in the Malabar Provinces commences on 16th August 1901.

The year 1311 of Fusli commences on 1st July 1901.

The year 1319 of the Mahomedan Era of Hejira commences on 21st April 1901.

The year 5662 of the Jewish Era commences on 14th September 1901.

The year 1308 of the Hindu Bengali Bellalisana Era in the Bengal Provinces commences on 21st March 1901.

Ramadân (Month of Abstinence observed by the Turks) commences on 12th December 1901.

FIXED AND MOVEABLE FESTIVALS.

Epiphany	Sun.	Jan. 6
Septuagesima Sunday	Sun.	Feb. 3
Sexagesima Sunday	Sun.	Feb. 10
Quinquagesima (Shrove Sunday)	Sun.	Feb. 17
Ash Wednesday	Wed.	Feb. 20
Quadragesima (1st Sunday in Lent)	Sun.	Feb. 24
St. David	Fri.	Mar. 1
St. Patrick	Sun.	Mar. 17
Annunciation (Lady Day)	Mon.	Mar. 25
Palm Sunday	Sun.	Mar. 31
Good Friday	Fri.	Apl. 5
Easter Sunday	Sun.	Apl. 7
Low Sunday	Sun.	Apl. 14
St. George	Tues.	Apl. 23
Rogation Sunday	Sun.	May 12
Ascension Day (Holy Thursday)	Thur.	May 16
Pentecost (Whit Sunday)	Sun.	May 26
Trinity Sunday	Sun.	June 2
Corpus Christi	Thur.	June 6
St. John the Baptist (Midsummer Day)	Mon.	June 24
St. Michael (Michaelmas Day)	Sun.	Sept. 29
All Saints' Day	Fri.	Nov. 1
All Souls' Day	Sat.	Nov. 2
St. Andrew	Sat.	Nov. 30
1st Sunday in Advent	Sun.	Dec. 1
St. Thomas	Sat.	Dec. 21
Christmas Day	Wed.	Dec. 25

PRINCIPAL MAHOMEDAN FESTIVALS.

Moul Ali's Ooroos	Tues.	Jan. 8
Lingam Pulli Ooroos	Thur.	Jan. 10
Yeedi Ramzan or Kuthba	Wed.	Jan. 23
Bukreeth	Sun.	Mar. 31
Sultan Amithkhan Ooroos	Wed.	Apl. 3
Moharam	Sun.	Apl. 21
Shaw Alla Mohath Ooroos	Sun.	May 19
Siamon Farsi Ooroos	Fri.	May 24
Pierpielvan's Ooroos	Wed.	May 29
Thara Thajee	Sat.	June 1
Abkari Char-Shumba	Wed.	June 12
Weladut-i-Sharcef or Barawafat	Sat.	June 29
Yajdahoon or Garveen	Sun.	July 28
Sultan Mahomed Kajnavi Ooroos	Fri.	Aug. 9
Buthoo Shaheed's Ooroos	Sun.	Aug. 25
Kadir Wallee's Ooroos	Tues.	Sept. 24
Shaw Niameth Alla Ooroos	Mon.	Nov. 4
Yeedi Rajjub	Sun.	Nov. 10
Shaba Barath	Tues.	Nov. 26
Ramzan	Fri.	Dec. 13
Moul Ali's Ooroos	Sat.	Dec. 28
Lingam Pulli Ooroos	Mon.	Dec. 30

PRINCIPAL HINDU FESTIVALS.

Vaikunta Ekadasi	Tues.	Jan. 1
Arudra Darsanam	Fri.	Jan. 4
Bhogi Pandagai	Sat.	Jan. 12
Pongal Pandagai	Sun.	Jan. 13
Tai Amavasai	Sun.	Jan. 20
Rada Saptami	Sat.	Jan. 26
Tai Pusam	Sun.	Feb. 3
Maha Siva Rathri	Sun.	Feb. 17
Molugadi Servai at Tiruvattiyur	Sun.	Mar. 3
Telugu New Year Day	Thur.	Mar. 21
Sri Rama Navami	Thur.	Mar. 28
Radotsavam at Mylapore	Sun.	Mar. 31
Aruvattimuvar at do.	Mon.	Apl. 1
Panguni Uttiram	Tues.	Apl. 2
Holi Pandagai	Wed.	Apl. 3
Tamil New Year Day	Sat.	Apl. 13
Narasimha Jayanti	Thur.	May 2
Garudotsavam at Triplicane	Sun.	May 5
Radotsavam at do.	Thur.	May 9
Garudotsavam at Conjeeveram	Sat.	June 11
Auni Amavasai	Sun.	June 6
Datshinayanam	Mon.	July 15
Tiru Audi Puram	Fri.	July 19
Gajendra Moksham	Wed.	July 31
Vara Lakshmi Vritam	Fri.	Aug. 23
Avani Mulam	Sun.	Aug. 25
Rig Vedi Upakarmam	Wed.	Aug. 28
Yejur Vedi Upakarmam	Thur.	Aug. 29
Gokula Astami	Thur.	Sept. 5
Sri Krishna Jayanti	Fri.	Sept. 6
Sama Vedi Upakarmam	Sat.	Sept. 14
Pillayar Chaviti	Mon.	Sept. 16
Anantha Chaturdasi	Fri.	Sept. 27
Mahalaya Amavasai	Sat.	Oct. 12
Saraswati Pujarambam	Sun	Oct. 13
Ayuda Puja	Mon.	Oct. 21
Vijaya Dasami (Dasara)	Tues.	Oct. 22
Dipavali Pandagai	Sun.	Nov. 10
Katara Gowri Vritam	Sun.	Nov. 10
Bharani Deepam	Sun.	Nov. 24
Kritikai Deepam	Mon.	Nov. 25
Vishnu Deepam	Mon.	Nov. 25
Vaikunta Ekadasi	Sun	Dec. 22
Arudra Darsanam	Thur.	Dec. 26

NEW MOON OR AMAVASYA CEREMONIES OF THE HINDUS FOR 1901.

Month and Day.	Tamil Month and Date.	Month and Day.	Tamil Month and Date.
January 20, Sunday	Tai 8	July 15, Monday	Audi 1
February 18, Monday	Masi 7	August 13, Tuesday	Audi 30
March 20, Wednesday	Punguni 7	September 12, Thursday	Avani 28
April 18, Thursday	Chittrai 6	October 12, Saturday	Perattasi 27
May 17, Friday	Vaiyasi 4	November 10, Sunday	Alpesi 26
June 16, Sunday	Auni 3	December 10, Tuesday	Kartikai 26

KRITIKA VRITAM CEREMONIES.

January	1, 28	April	20	July	11
February	24	May	18	August	8
March	24	June	14	September	4
October	1, 29				
November	25				
December	22				

EKADASI VRITAM CEREMONIES.

January	1, 16, 30	May	14, 29	September	5, 24
February	15	June	13, 27	October	8, 24
March	1, 16, 30	July	12, 27	November	6, 22
April	15, 29	August	10, 26	December	6, 22

ECLIPSES IN 1901.

In the year 1901 there will be two eclipses of the sun and two of the moon:—

I.—May 3rd, Friday, a penumbral eclipse of the moon, invisible in India.

II.—May 18th, Saturday.—A partial eclipse of the sun visible at Madras.

	h.	m.	
Begins	9	16	Morn.
Greatest phase	10	19	"
Ends	11	28	"

} Madras Mean Time.

The magnitude (sun's diameter = 1) is 0·27—

Angle from North Point of first contact 149° towards the West

" Vertex of last " 138° " East

" Vertex of first " 57° " West

" Vertex of last " 120° " East

} For direct image.

III.—October 27th, Sunday.—A partial eclipse of the moon, visible at Madras.

	h.	m.		
First contact with the shadow	7	46	After.	Madras Mean Time.
Middle of the eclipse	8	36	,,	
Last contact with the shadow	9	27	,,	

The magnitude (moon's diameter = 1) is 0·28.

The first contact occurs at 137° from the North point of the moon's limb towards the East.

The last contact at 166° towards the West.

IV.—November 11th, Monday.—A partial eclipse of the sun, visible at Madras.

	h.	m.		
Begins	11	18	Morn.	Madras Mean Time.
Greatest phase	1	30	After.	
Ends	3	22	,,	

The magnitude (sun's diameter = 1) is 0·84—

Angle from North Point of Vertex of	first contact	79°	towards the	West.
	last ,,	105°	,,	East.
	first ,,	72°	,,	West.
	last ,,	40°	,,	East.

It will be *annular* south of Cape Comorin.

HOLIDAYS ALLOWED IN GOVERNMENT OFFICES.

In their Notification, dated 8th November 1890, published on page 864 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.

Christmas with New Year's Day	14 days.
Easter	6 ,,
Queen's Birthday	1 day.
Whitsuntide	2 days.
Prince of Wales' Birthday	1 day.
Pongul	1 ,,
Avani Avattam	1 ,,
Dasara	1 ,,
Dipavali	1 ,,
The last Saturday (Presidency)	1 ,,
The 3rd Saturday (Mofussil)	1 ,,

CHRISTIANS.

GENERAL TO CHRISTIANS.

Ash Wednesday	1 day.
Ascension Day	1 ,,

ROMAN CATHOLICS.

Corpus Christi Day	1 day.

HINDUS.

GENERAL TO HINDUS.

Pongul*	1 day.
Mahalaya Amavassi	1 ,,
Lunar Eclipse†	1 ,,
Solar Eclipse	1 ,,
Mukkoti Ekadasi or Vaikunta Ekadasi	1 ,,

VAISHNAVA SECT.

Triplicane Feast in April	1 day.
Sri Jayanti	1 ,,

SAIVA SECT.

Maha Siva Ratri	1 day.

TELUGU.

New Year Day	1 day.

TAMIL.

New Year Day	1 day.

MAHOMEDANS.

Bakar'Id	2 days.
Muharram	4 ,,
Shab-a-Barat	1 day.
Ramzan	2 days.

* Exclusive of the General Holiday. † When between 6 A.M. and 6 P.M.

MADRAS COMMERCIAL HOLIDAYS, 1901.

Christmas Vacation.—(1900-1901) latter part, 1 day, Tuesday, the 1st January.

Pongul.—1 day, Monday, the 14th January.

Easter.—4 days, Friday to Tuesday, the 5th to 9th April, both days inclusive.

Whitsuntide.—2 days, Monday and Tuesday, the 27th and 28th May.

Queen's Birthday.—1 day. (To be fixed by H. E. the Governor-General in Council).

Avani Avattam.—1 day, Thursday, the 29th August.

Mahalaya Amavasai.—1 day, Saturday, the 12th October.

Ayudha Puja.—1 day, Monday, the 21st October.

Prince of Wales' Birthday.—1 day, Saturday, the 9th November.

Dipavali.—1 day, Monday, the 11th November.

Christmas Holidays.—(1901-1902) first part, 6 days, Wednesday, the 25th, to Tuesday, the 31st December, both days inclusive.

ECLIPSES OF JUPITER'S SATELLITES OBSERVABLE AT MADRAS FOR 1901.

1901.	Madras Mean Time.				Satellites.	Phenomena.	1901.	Madras Mean time.				Satellites.	Phenomena.
	h.	m.	s.					h.	m.	s.			
Jan. 19	5	10	28	Morn.	I	Disap.	July 14	2	27	58	Morn.	II	Reap.
31	3	40	37	,,	III	,,	15	1	55	34	,,	III	,,
31	6	8	34	,,	III	Reap.	18	1	18	35	,,	I	,,
Feb. 11	4	36	43	,,	II	Disap.	21	5	4	23	,,	II	,,
12	4	19	34	,,	I	,,	24	6	22	25	After.	II	,,
28	3	35	38	,,	I	,,	26	9	41	58	,,	I	,,
Mar. 7	5	29	21	,,	I	,,	31	8	59	12	,,	II	,,
15	3	27	21	,,	III	,,	Aug. 2	11	36	44	,,	I	,,
15	4	6	17	,,	II	,,	7	11	36	14	,,	II	,,
23	3	45	6	,,	I	,,	9	11	57	35	,,	IV	Disap.
30	5	39	47	,,	I	,,	10	2	33	6	Morn.	IV	Reap.
Apl. 8	2	0	56	,,	I	,,	11	8	0	16	After.	I	,,
9	1	2	59	,,	I	,,	12	5	58	5	,,	III	,,
15	3	55	36	,,	I	,,	15	2	13	3	Morn.	II	,,
16	3	35	6	,,	II	,,	17	3	26	29	,,	I	,,
20	1	59	20	,,	III	Reap.	18	9	55	11	After.	I	,,
22	5	48	18	,,	I	Disap.	19	6	57	59	,,	III	Disap.
24	0	16	41	,,	I	,,	19	9	58	55	,,	III	Reap.
27	3	15	11	,,	III	,,	25	6	10	14	,,	II	,,
27	5	59	10	,,	III	Reap.	25	11	50	9	,,	I	,,
May 1	2	10	25	,,	I	Disap.	26	5	57	37	,,	IV	Disap.
8	4	4	10	,,	I	,,	26	8	44	20	,,	IV	Reap.
11	0	31	49	,,	II	,,	26	10	56	25	,,	III	Disap.
17	0	26	31	,,	I	,,	27	1	59	22	Morn.	III	Reap.
18	3	5	30	,,	II	,,	Sept. 1	8	48	2	After.	II	,,
24	2	20	24	,,	I	,,	3	8	13	54	,,	I	,,
25	5	39	23	,,	II	,,	8	11	25	59	,,	II	,,
26	9	56	17	After.	III	Reap.	10	10	8	56	,,	I	,,
31	4	14	21	Morn.	I	Disap.	24	6	3	4	,,	III	,,
June 1	10	4	47	After.	I	,,	26	5	0	51	,,	II	,,
1	10	5	53	,,	III	,,	26	8	27	47	,,	I	,,
4	0	12	0	Morn.	IV	,,	Oct. 1	6	56	7	,,	III	Disap.
4	1	49	3	,,	IV	Reap.	1	10	4	0	,,	III	Reap.
4	9	30	34	After.	II	Disap.	3	8	39	7	,,	II	,,
9	0	36	51	Morn.	I	,,	12	6	46	39	,,	I	,,
9	3	4	22	,,	III	,,	19	8	41	40	,,	I	,,
12	0	5	1	,,	II	,,	26	10	36	39	,,	I	,,
16	2	30	59	,,	I	,,	28	5	53	50	,,	II	,,
19	2	39	43	,,	II	,,	Nov. 1	6	5	35	,,	IV	Disap.
20	8	0	5	After.	IV	Reap.	1	9	29	37	,,	IV	Reap.
23	4	25	13	Morn.	I	Disap.	4	7	0	22	,,	I	,,
24	10	53	40	After.	I	,,	4	8	32	6	,,	II	,,
26	5	14	40	Morn.	II	,,	6	6	7	44	,,	III	,,
29	6	32	26	After.	II	,,	11	8	55	16	,,	I	,,
July 4	9	29	30	,,	I	Reap.	13	6	55	47	,,	III	Disap.
6	11	51	49	,,	II	,,	27	7	13	38	,,	I	Reap.
7	9	55	42	,,	III	,,	29	5	44	45	,,	II	,,
9	4	55	28	Morn.	I	,,	Dec. 10	5	31	47	,,	I	,,
10	11	24	0	After.	I	,,	19	6	11	36	,,	III	,,

PLANETARY PHENOMENA, 1901.

The planets known from a high antiquity are, Mercury, Venus, Mars, Jupiter and Saturn. To these were added Uranus and Neptune. Several of these have one or more attendants that revolve around them as they revolve around the sun.

MERCURY is called an inferior planet as it has its orbit nearer to the sun than that of the earth. It is a morning star until January 20th; an evening star till March 6th; a morning star till May 18th; an evening star till July 12th; a morning star till August 26th; an evening star till November 3rd, and a morning star for the rest of the year. It revolves around the sun in nearly three months. It is gibbous when its illuminated portion lies between its semicircle and its circle. In high latitudes where the twilight is long, Mercury can seldom be seen with the naked eye, and then only when its angular

distance from the sun is greatest. When the sun is between the earth and Mercury, it appears perfectly round but very small, not more than 5″ in diameter; but when in the opposite portion of its orbit, its form is a slender and brilliant crescent nearly 12″ in diameter.

VENUS, having its orbit so far within that of the earth, appears to us as an attendant upon the sun, and never more than about forty-seven degrees from the sun. It revolves around the sun in nearly seven and-a-half months, and is regarded as the most beautiful of the planets, and the second in order of distance from the sun. It is well recognized as the mo[illegible]ar in modern times. It is a morning star until April 30th, and an evening [illegible] the rest of the year. It is in aphelion on March 5th and October 15th, in conjunction with the sun on May 1st, in perihelion on June 25th, and at the greatest elongation on December 5th, with an apparent diameter of 25″. Venus exhibits to the telescope phases similar to those of the moon. The diurnal period of Venus is little less than twenty-four hours. Every eight years Venus forms conjunction with the sun in the same part of the heavens. Whatever appearances, therefore, arise from her position with respect to the earth and the sun, they are repeated every eight years, in nearly the same form.

MARS is one of the ancient superior planets, the next to the earth in order of distance from the sun. It revolves around the sun in nearly two years. It is a small planet, its diameter being only about half that of the earth. It is always very near the ecliptic, never varying from it more than two degrees. It is distinguished from all the planets by its deep red colour, and fiery aspect. It is a morning star until February 21st, and an evening star for the rest of the year. It will be stationary on January 14th and April 24th, in opposition to the sun on February 22nd; in quadrature to the sun on May 29th with an apparent diameter of 7·5″; in conjunction with Uranus on November 4th, and in conjunction with Saturn and Jupiter on December 14th and 17th, respectively. It will be in aphelion on February 25th, and in descending node on August 6th. When Mars is on the same side of the sun with the earth, or at his opposition, he comes within forty-seven millions of miles of the earth, and, rising about the time the sun sets, surprises us by his magnitude and splendour. In 1877, two satellites were discovered to be in attendance on it by Professor Hall at Washington Observatory. They are very small and require a large and powerful telescope.

JUPITER is distinguished from all the other planets by his great *magnitude*. Its distance from the sun is nearly four hundred and ninety millions of miles, and its revolution around the sun occupies nearly twelve years. It will be a morning star until the end of June, and an evening star for the rest of the year. It will be in quadrature to the sun on April 2nd and September 28th; stationary on May 1st and on August 31st; in opposition to the sun on June 30th, with an apparent diameter of 43″; and in conjunction with Saturn on November 28th. It possesses four satellites. They may be seen on the same side, or two on one side and two on the other. Sometimes two or three only are visible, and less often only one. Of these, three are eclipsed in every revolution, but the fourth escapes eclipse for a long time. The fifth was discovered by Professor Barnard in 1892. Across Jupiter's disc, arranged in parallel stripes, are discerned several dusky bands called 'belts'. The belts and phenomena of Jupiter always form an interesting subject for examination.

SATURN is next in size to Jupiter. It has likewise belts on its surface, and is attended by eight satellites that require a fairly powerful telescope to show them clearly. But a still more wonderful appendage is its ring, a broad wheel, encompassing it at a great distance from it. Saturn's ring, when viewed with telescopes of a high power, is found to consist of two concentric rings, separated from each other by a dark space. Saturn will be a morning star until June 30th, and an evening star for the rest of the year. It is in quadrature to the sun on April 6th and on October 4th, with an apparent diameter of 15·4″; and in opposition to the sun on July 6th, with an apparent diameter of 17″. It will be stationary on September 14th.

URANUS is attended by six satellites. So minute objects are they, that they can be seen only by powerful telescopes. It will be in conjunction with Venus on January 4th; in quadrature to the sun on March 8th and September 6th; stationary on March 22nd and on August 22nd; in conjunction with the sun on December 10th, and in opposition to the sun on June 6th in Right Ascension 16*h*. 54*m*., and in South Declination 22° 37′, when it may be seen as a star of the sixth magnitude.

NEPTUNE.—The discovery of Neptune is one of the most remarkable feats of modern science. It is stationary on March 8th and on October 5th; in conjunction with the sun on June 21st; in quadrature to the sun on September 25th, and in opposition to the sun on December 22nd in Right Ascension 6*h*. 0*m*., and in North Declination 22° 15′. Only one satellite has yet been discovered to be attendant on it. Uranus and Neptune are both visible with any telescope when their positions are well known.

The minor planets between Mars and Jupiter are now about 500 in number. 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 a star of fifth magnitude. One minor planet, 'Eros', has recently been discovered, whose orbit lies between that of the earth and of Mars. After the moon, it is the nearest heavenly body to the earth.

49

TABLE SHOWING THE CORRESPONDING MONTHS AND DAYS OF THE ENGLISH, (TAMIL AND MALAYALAM), (TELUGU AND CANARESE), AND MAHOMEDAN CALENDAR FOR 1901.

JANUARY.	Margali and Tai Dha-nus and Makaram.	Tai and Masi, Makaram and Kumbam.	FEBRUARY.	Masi and Panguni, Kumbam and Mee-nam.	MARCH.	Shavval and Zilkath.	Panguni and Chitrai, Meenam and Ma-sham.	APRIL.	Chittrai and Vaisa-kam.	Vaikasi and Jyde-tam.	MAY.	Mohoram and Safer.	JUNE.	Vaikasi and Aani, Vrishabam and Mithunam.	Jyestam and Asha-dham.	Sufer and Rabi-ul-Awal.
1	11	18	1	18	1	10	18	1	11	18	1	11	1	19	9-14	13
2	12	19	2	19	2	11	19	2	12	19	2	12	2	20	☽	14
3	13	20	3	20	3	12	20	3	13	20	3	13	3	21	♑	15
4	14	21	4	21	4	13	21	4	14	21	4	14	4	22	1	16
5	15	22	5	22	5	14	22	5	15	22	5	15	5	23	2	17
6	16	23	6	23	6	15	23	6	16	23	6	16	6	24	3	18
7	17	24	7	24	7	16	24	7	17	24	7	17	7	25	4	19
8	18	25	8	25	8	17	25	8	18	25	8	18	8	26	5	20
9	19	26	9	26	9	18	26	9	19	26	9	19	9	27	6	21
10	20	27	10	27	10	19	27	10	20	27	10	20	10	28	7	22
11	21	28	11	28	11	20	28	11	21	28	11	21	11	29	8	23
12	22	29	12	29	12	21	29	12	22	29	12	22	12	30	9	24
13	23	30	13	30	13	22	30	13	23	30	13	23	13	31	10	25
14	24	31	14	31	14	23	31	14	24	31	14	24	14	32	11	26
15	25	32	15	32	15	24	32	15	25	32	15	25	15	33	12	27
16	26	33	16	33	16	25	33	16	26	33	16	26	16	34	13	28
17	27	34	17	34	17	26	34	17	27	34	17	27	17	35	14	29
18	28	35	18	35	18	27	35	18	28	35	18	28	18	36	15	30
19	29	36	19	36	19	28	36	19	29	36	19	29	19	37	16	31
20	30	37	20	37	20	29	37	20	30	37	20	30	20	38	17	32
21	31	38	21	38	21	30	38	21	31	38	21	31	21	39	18	33
22	32	39	22	39	22	31	39	22	32	39	22	32	22	40	19	34
23	33	40	23	40	23	32	40	23	33	40	23	33	23	41	20	35
24	34	41	24	41	24	33	41	24	34	41	24	34	24	42	21	36
25	35	42	25	42	25	34	42	25	35	42	25	35	25	43	22	37
26	36	43	26	43	26	35	43	26	36	43	26	36	26	44	23	38
27	37	44	27	44	27	36	44	27	37	44	27	37	27	45	24	39
28	38	45	28	45	28	37	45	28	38	45	28	38	28	46	25	40
29	39	46			29	38	46	29	39	46	29	39	29	47	26	41
30	40	47			30	39	47	30	40	47	30	40	30	48	27	42
31	41	48			31	40	48				31	41			28	43
															29	44
															30	45
															31	46

TABLE SHOWING THE CORRESPONDING MONTHS AND DAYS OF THE ENGLISH, (TAMIL AND MALAYALAM), (TELUGU AND CANARESE), AND MAHOMEDAN CALENDAR FOR 1901—*concld.*

JULY.	Auni and Audi, Auni and Midhunam and Katakam.	Ashadham and Adika Sravanam.	Rubi u-laval and Rubi-u-sani.	AUGUST.	Audi and Avani, Katakam and Singam.	Adika Sravanam, and Nija Sravanam.	Rubi-u-sani and Jamadi-laval.	SEPTEMBER.	Avani and Perattasi, Singam and Kanni.	Nija Sravanam and Bhadrapadam.	Jamadi-laval and Jamadi-u-sani.
1	18	S-○	14	1	18	B-1	15	1	17	B-3	17
2	19	B-1	15	2	19	2	16	2	18	4	18
3	20	2	16	3	20	3	17	3	19	5	19
4	21	3	17	4	21	4	18	4	20	6	20
5	22	4	18	5	22	5-6	19	5	21	7	21
6	23	5	19	6	23	7	20	6	22	8-9	22
7	24	6	20	7	24	8	21	7	23	10	23
8	25	7	21	8	25	9	22	8	24	11	24
9	26	8	22	9	26	10	23	9	25	12	25
10	27	9	23	10	27	11	24	10	26	13	26
11	28	10	24	11	28	12	25	11	27	14	27
12	29	11	25	12	29	13	26	12	28	●	28
13	30	12	26	13	30	14	27	13	29	S-1	29
14	31	13-14	27	14	31	●	28	14	30	2	30
15	1	●	28	15	32	S-1	29	15	31	3	1
16	2	S-1	29	16	1	2	1	16	1	3	2
17	3	2	30	17	2	3	2	17	2	4	3
18	4	3	1	18	3	4	3	18	3	5	4
19	5	4	2	19	4	5	4	19	4	6	5
20	6	5	3	20	5	6	5	20	5	7	6
21	7	6	4	21	6	7	6	21	6	8	7
22	8	7	5	22	7	8	7	22	7	9	8
23	9	7	6	23	8	9	8	23	8	10	9
24	10	8	7	24	9	10	9	24	9	11	10
25	11	9	8	25	10	11	10	25	10	12	11
26	12	10	9	26	11	11	11	26	11	13	12
27	13	11	10	27	12	12-13	12	27	12	14	13
28	14	12	11	28	13	14	13	28	13	○	14
29	15	13	12	29	14	○	14	29	14	B-1-2	15
30	16	14	13	30	15	B-1	15	30	15	3	16
31	17	○	14	31	16	2	16	..	..		...

OCTOBER.	Perittasi and Alpesi, Kanni and Tulam.	Bhadrapadam and Asweejam.	Jamadi-u-sani and Rujjub.	NOVEMBER.	Alpesi and Kartikai, Tulam and Vrischikam.	Asweejam and Kartheekam.	Rujjub and Shaban.	DECEMBER.	Kartikai and Margali, Vrischikam and Dhanus.	Kartheekam and Margasiram.	Shaban and Ramzan.
1	16	B-4	17	1	17	B-6	18	1	17	B-6	19
2	17	5	18	2	18	7	19	2	18	7	20
3	18	6	19	3	19	8	20	3	19	8	21
4	19	7	20	4	20	9	21	4	20	9	22
5	20	8	21	5	21	10	22	5	21	10	23
6	21	9	22	6	22	11	23	6	22	11	24
7	22	10	23	7	23	12	24	7	23	12	25
8	23	11	24	8	24	13	25	8	24	13	26
9	24	12	25	9	25	13	26	9	25	14	27
10	25	13	26	10	26	14	27	10	26	●	28
11	26	14	27	11	27	●	28	11	27	●	29
12	27	●	28	12	28	S-1	29	12	28	S-1	30
13	28	S-1	29	13	29	2	1	13	29	2	1
14	29	2	30	14	30	3	2	14	30	3	2
15	30	3	1	15	1	4	3	15	1	4	3
16	1	4	2	16	2	5	4	16	2	5	4
17	2	5	3	17	3	6	5	17	3	6	5
18	3	5	4	18	4	7	6	18	4	7	6
19	4	6	5	19	5	8	7	19	5	8	7
20	5	7	6	20	6	9	8	20	6	9	8
21	6	8	7	21	7	10	9	21	7	10	9
22	7	9	8	22	8	11	10	22	8	11-12	10
23	8	10	9	23	9	12	11	23	9	13	11
24	9	11	10	24	10	13	12	24	10	14	12
25	10	12-13	11	25	11	14	13	25	11	○	13
26	11	14	12	26	12	○-1	14	26	12	B-1	14
27	12	○	13	27	13	B-2	15	27	13	2	15
28	13	B-1	14	28	14	3	16	28	14	3	16
29	14	2	15	29	15	4	17	29	15	4	17
30	15	3	16	30	16	5	18	30	16	5	18
31	16	4-5	17	...	...	...	...	31	17	6	19

*CHRISTIAN CALENDAR FROM 1820 TO 1999, NEW STYLE.

Centuries, or 1800 and 1900, are shown in two separate columns.

THE LEAP YEARS ARE PRINTED IN ITALIC FIGURES AND HAVE TWO DOMINICAL LETTERS.

Thus—1820, 24, 28, &c., and 1904, 08, 12, &c.

Years 1800			Years 1900				Dominical Letters.
20	48	76		16	44	72	BA
21	49	77	00	17	45	73	G
22	50	78		18	46	74	F
23	51	79		19	47	75	E
24	52	80		20	48	76	DC
25	53	81		21	49	77	B
26	54	82		22	50	78	A
27	55	83		23	51	79	G
28	56	84		24	52	80	FE
29	57	85		25	53	81	D
30	58	86		26	54	82	C
31	59	87		27	55	83	B
32	60	88		28	56	84	AG
33	61	89	01	29	57	85	F
34	62	90	02	30	58	86	E
35	63	91	03	31	59	87	D
36	64	92	04	32	60	88	CB
37	65	93	05	33	61	89	A
38	66	94	06	34	62	90	G
39	67	95	07	35	63	91	F
40	68	96	08	36	64	92	ED
41	69	97	09	37	65	93	C
42	70	98	10	38	66	94	B
43	71	99	11	39	67	95	A
44	72		12	40	68	96	GF
45	73		13	41	69	97	E
46	74		14	42	70	98	D
47	75		15	43	71	99	C

Jan. Oct.	A	B	C	D	E	F	G
May.	B	C	D	E	F	G	A
August.	C	D	E	F	G	A	B
Feb., Mar., Nov.	D	E	F	G	A	B	C
June.	E	F	G	A	B	C	D
Sept. Dec.	F	G	A	B	C	D	E
April, July.	G	A	B	C	D	E	F
1 8 15 22 29	Sun.	Sat.	Fr.	Th.	Wed.	Tu.	Mon.
2 9 16 23 30	Mon.	Sun.	Sat.	Fr.	Th.	Wed.	Tu.
3 10 17 24 31	Tu.	Mon.	Sun.	Sat.	Fr.	Th.	Wed.
4 11 18 25	Wed.	Tu.	Mon.	Sun.	Sat.	Fr.	Th.
5 12 19 26	Th.	Wed.	Tu.	Mon.	Sun.	Sat.	Fr.
6 13 20 27	Fr.	Th.	Wed.	Tu.	Mon.	Sun.	Sat.
7 14 21 28	Sat.	Fr.	Th.	Wed.	Tu.	Mon.	Sun.

Explanation.—Look for the last two figures of the year under the century, or first two figures in the first part of the table, and opposite it will be found the Dominical Letter. When there are two letters together, the first is for January and February, the second for the rest of the year. In a line with the month, in the second part of the table, find the Dominical Letter of the year, and, down the same column with the letter find the day of the week, when the figures on the left will give the days of the month. Thus for the Mondays in January 1896: Opposite 96 under 1800 in the third column is E D in the eighth. In a line with January find E D and descend the column to "Mon."—On the left are 6, 13, 20 and 27, the required dates.

DAY OF THE YEAR CORRESPONDING TO THE LAST DAY OF EACH MONTH.

Jan.	Feb.	Mar.	April.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.
31	59	90	120	151	181	212	243	273	304	334	365

To find the day of the year for any given date. For example: To find the age of the 14th day of February 1896. Take from this table the age of the last day of January 31, and add 14—total 45. In leap-years add 1 day after February.

* The Christian era, so much in universal use, is not of apostolic, or even of early origin. It is that which was fixed upon by Dionysius Exiguus, in the *Sixth* Century, and is proved to be erroneous by the fact that it places the birth of Christ no less than *four* years *after* the death of Herod—of the Herod who, when Christ was born, sought to destroy him. Kepler by astronomical and chronological calculations placed the birth of Jesus in the year 748 A.U.C. or 6 B.C. (*vide* "Approaching End of the Age," by H. G. Guinness, 1880, pages 519-20.)

A TABLE OF THE NUMBER OF DAYS FROM ANY DAY IN ONE MONTH TO THE SAME IN ANY OTHER MONTH IN ORDINARY YEARS.

	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
January ...	365	31	59	90	120	151	181	212	243	273	304	334
February ...	334	365	28	51	89	120	150	181	212	242	273	303
March ...	306	337	365	31	61	92	122	153	184	214	245	275
April ...	275	303	334	365	30	61	91	122	153	183	214	244
May ...	245	276	304	335	365	31	61	92	122	153	183	214
June ...	214	245	273	304	334	365	30	61	92	122	153	183
July ...	184	215	243	274	304	335	365	31	62	92	123	153
August ...	153	184	212	242	273	304	334	335	31	61	92	122
September ...	122	153	181	212	242	273	303	334	365	30	61	91
October ...	92	123	151	182	212	243	273	304	335	365	31	61
November ...	61	92	120	151	181	212	242	273	304	334	365	30
December ...	31	62	90	121	151	182	212	243	274	304	335	365

ORIENTAL NAMES OF THE WEEK-DAYS.

English.	*Gujarati.*	*Marathi.*	*Canarese.*	*Hindustani.*
Sunday.	Raviwar *or* Aditwar.	Raviwar *or* Aditwar.	Adityavara.	Aik-shumbah.
Monday.	Somwar.	Somwar.	Somavara.	Thow-shumbah.
Tuesday.	Mangalwar.	Mangalwar.	Mangalavara.	Say-shumbah.
Wednesday.	Budhwar.	Budhwar.	Budhavara.	Chahar-shumbah.
Thursday.	Brihaspatwar *or* Guruwar.	Guruwar *or* Brihaspativar.	Guruvara.	Punj-shumbah.
Friday.	Shukarwar.	Shukravar.	Shukravara.	Jumah.
Saturday.	Shaniwar.	Shaniwar *or* Mandwar	Shanivara.	Shumbah.

ORIENTAL NAMES OF THE MONTHS.

Marathi.	*Tamil.*	*Bengali.*	*Urdu.*	*Gujarati.*	*Hindustani.*
Chaitra.*	Chittari.	Baishakh.	Chait.	Chaitra.*	Rumzan-ul-mubarak
Vaishakh.	Vaiyasi.	Jyesth.	Byshakh.	Vaishakh or Vaisak.	Sheval-ul-mukaram.
Jyesht.	Ani.		Jeth.	Jeth.	Zikayada.
Ashadh.	Adi.	Asarh	Asarh.	Ashad or Asad.	Zilhuj.
Shravan.	Avani.	Shraban.	Sawan.	Shrawan.*	Muhurrum.
Bhadrapad.	Perattasi.	Bhadra.	Bhadun	Bhadarwo.	Safur.
Ashwin.	Alpesi.	Ashwin.	Asan.	Ashwan, Asho, or Ashwin.	Rubbi-ul-aval.
Kartik.†	Kartikai	Kartik.	Kartik.	Kartik or Kartak.	Rubbi-ul-aukhar.
Margashirsh.	Margali.	Agrahayan or Margasirsha.	Aghan.	Magashar or Margashirsh.	Jemadi-ul-aval.
Paush.	Tai.	Paush.	Pus.	Paush.	Jemadi-ul-ankhar.
Magh.	Masi.	Magh.	Magh.	Magh or Maha.	Rujjub-ul-murujjub.
Phalgun.	Punguni.	Phalguna.	Phagan.	Phagan	Shaban-ul-muazum.
		Chaitra.			

* According to the Shaka year.
†Samvat commences with Kartik Shuddha 1st, or Partipada.

A TABLE OF DOMINICAL LETTERS FOR 6000 YEARS OF THE CHRISTIAN ERA, NEW STYLE.

100	200	300	400
500	600	700	800
900	1000	1100	1200
1300	1400	1500	1600
1700	1800	1900	2000
2100	2200	2300	2400
2500	2600	2700	2800
2900	3000	3100	3200
3300	3400	3500	3600
3700	3800	3900	4000
4100	4200	4300	4400
4500	4600	4700	4800
4900	5000	5100	5200
5300	5400	5500	5600
5700	5800	5900	6000

The dominical letter for any year of the first century is found in the column of letters under 100, opposite to the year. For a year in any century after the first, find the century preceding the year at the top: under this, and opposite to the year of the century, in the column for years less than 100, is the dominical letter sought.

Years less than 100.				C	E	G	B A
1	29	57	85	B	D	F	G
2	30	58	86	A	C	E	F
3	31	59	87	G	B	D	E
4	32	60	88	F E	A G	C B	D C
5	33	61	89	D	F	A	B
6	34	62	90	C	E	G	A
7	35	63	91	B	D	F	G
8	36	64	92	A G	C B	E D	F E
9	37	65	93	F	A	C	D
10	38	66	94	E	G	B	C
11	39	67	95	D	F	A	B
12	40	68	96	C B	E D	G F	A G
13	41	69	97	A	C	E	F
14	43	70	98	G	B	D	E
15	43	71	99	F	A	C	D
16	44	72	...	E D	G F	B A	C B
17	45	73	...	C	E	G	A
18	46	74	...	B	D	F	G
19	47	75	...	A	C	E	F
20	48	76	...	G F	B A	D C	E D
21	49	77	...	E	G	B	C
22	50	78	...	D	F	A	B
23	51	79	...	C	E	G	A
24	52	80	...	B A	D C	F E	G F
25	53	81	...	G	B	D	E
26	54	82	...	F	A	C	D
27	55	83	...	E	G	B	C
28	56	84	...	D C	F E	A G	B A

EXAMPLES.

Under 1800, opposite to 31 in the left hand column, is B, the dominical letter for 1831.

(2) Under 1800 opposite to 99 in the left hand column, is A, the dominical letter for 1899.

(3) Under 1900 opposite to 2 in the left hand column, is E, the dominical letter for 1902.

THE DOMINICAL LETTER BEING KNOWN, IT IS EASY TO FIND THE DAY OF THE WEEK ON WHICH ANY MONTH BEGINS, BY THE FOLLOWING TABLE.

A	B	C	D	E	F	G
January.	May.	August.	February.	June.	September.	April.
October.	...	...	March.	...	December.	July.
...	...	...	November.	...	...	...

A Table showing at what days of the months the Letters formerly stood, and where the Dominical Letters now stand.

D. Letters.	A	B	C	D	E	F	G
January 31 ... October 31 ...	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28
February 25-29 ... March 31 ... November 30 ...	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25
April 30 ... July 31 ...	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29
August 31 ...	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26
September 30 ... December 31 ...	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30
May 31 ...	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 31	4 11 18 25	5 12 19 26	6 13 20 27
June 30 ...	4 11 18 25	5 12 19 26	6 13 20 27	7 14 21 28	1 8 15 22 29	2 9 16 23 30	3 10 17 24 ...

The following couplet is designed to assist the memory:—

All days decline; great blessings end;
Good Christians find a during friend.

The first letters of these twelve words are the same as those at the beginning of each month.

If the letter set at the first day of a month be before or after the dominical letter in any year, the day on which the month begins is as far distant as the commencing letter is distant from the dominical letter.

Thus if A be the dominical letter, January begins on the Sabbath; February and March on Wednesday.

If B be the dominical letter, January begins on Saturday, February and March on Tuesday.

52

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
○ Full Moon	5	5	34	Morn.	● New Moon	20	7	57	After.
☾ Last Quarter	13	1	59	Morn.	☽ First Quarter	27	8	17	After.

☾ Apogee ... 12 4 — After. | ☾ Perigee ... 24 4 — After.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. After.	THE MOON Sets Morn.
			[assumed title of Empress, 1879.	h. m.	h. m.	h. m.	h. m.	h. m.
1	Tues	18	CIRCUMCISION.—QUEEN VICTORIA	6 24	5 43	2 26	8 58	2 31
2	Wed	19	Calcutta captured, 1757	6 25	5 44	3 22	9 57	3 31
3	Thur	20	...	6 25	5 44	4 20	10 54	4 31
4	Fri	21	"Amazon" burnt, 1852	6 26	5 45	5 18	11 51	5 28
5	Sat	22	Capture of Goruckpore, 1858	6 26	5 45	6 15	Morn.	6 22
6	SUN	23	EPIPHANY	6 26	5 46	7 10	0 44	7 12
7	Mon	24	Cabul Massacre, 1842	6 26	5 46	8 2	1 35	7 57
8	Tues	25	*St. Lucian*	6 27	5 47	8 51	2 22	8 40
9	Wed	26	...	6 27	5 47	9 39	3 7	9 20
10	Thur	27	Cape of Good Hope captured, 1806	6 27	5 48	10 26	3 50	9 58
11	Fri	28	Capture of Trincomallee, 1795	6 27	5 48	11 12	4 32	10 36
12	Sat	29	Great Fire in Watling Street, 1878	6 28	5 49	11 59	5 14	11 14
13	SUN	1	[*Hilary.* 1ST SUNDAY AFTER EPIPHANY.—*St.*	6 28	5 50	Morn.	5 57	11 54
14	Mon	2	Prince Albert Victor of Wales d., 1892	6 28	5 51	0 46	6 41	After.
15	Tues	3	Madras University opened, 1858	6 28	5 51	1 35	7 28	1 19
16	Wed	4	Battle of Corunna, 1809	6 28	5 52	2 26	8 17	2 7
17	Thur	5	...	6 28	5 52	3 18	9 8	2 58
18	Fri	6	*St. Prisca*	6 29	5 53	4 11	10 1	3 52
19	Sat	7	...	6 29	5 53	5 4	10 55	4 48
20	SUN	8	2ND SUNDAY AF. EPIPHANY.—*St. Fabian.*	6 29	5 54	5 56	11 50	5 45
21	Mon	Tai. 9	*St. Agnes.*	6 29	5 54	6 46	After.	6 43
22	Tues	10	*St. Vincent*	6 29	5 55	7 34	1 36	7 40
23	Wed	11	Duke of Saxe-Coburg married, 1874	6 29	5 55	8 21	2 28	8 37
24	Thur	12	Mutiny at Barrackpore, 1857	6 29	5 56	9 8	3 19	9 33
25	Fri	13	*Conversion of St. Paul.*—Princess Royal	6 29	5 56	9 54	4 11	10 30
26	Sat	14	Singapore taken, 1819 ... [married, 1858.	6 29	5 57	10 41	5 3	11 28
27	SUN	15	3RD SUNDAY AFTER EPIPHANY	6 28	5 57	11 31	5 58	Morn.
28	Mon	16	Battle of Aliwal, 1846	6 28	5 58	After.	6 53	0 26
29	Tues	17	...	6 28	5 58	1 17	7 50	1 25
30	Wed	18	Mangalore re-taken by Tippu, 1784	6 28	5 59	2 12	8 46	2 23
31	Thur	19	Vellore Mutiny, 1807	6 28	5 59	3 9	9 42	3 20

PHENOMENA.

	d.	h.			°	′	
Jan.	3	2	Morn.—Sun in Perigee.				
	4	2	Morn.—Venus in conjunction with Uranus	Venus	1	10	N.
	8	4	Morn.—Mercury in conjunction with Saturn	Mercury	1	51	S.
	10	1	Morn.—Moon in conjunction with Mars	Moon	9	10	S.
	14	3	After.—Mars stationary. App. diameter 11″.				
	16	2	Morn.—Venus in conjunction with Jupiter.	Venus	0	22	N.
	18	2	After.—Moon in conjunction with Jupiter	Moon	2	18	N.
	18	7	After.—Moon in conjunction with Venus	Moon	2	12	N.
	19	9	Morn.—Moon in conjunction with Saturn	Moon	2	41	N.
	20	8	After.—Moon in conjunction with Mercury	Moon	6	34	N.
	22	7	Morn.—Mercury in superior conjunction with the sun.				
	25	1	Morn.—Venus in conjunction with Saturn	Venus	0	30	S.

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
○ Full Moon	3	8	51	After.	● New Moon	19	8	6	Morn.
☾ Last Quarter	11	11	33	After.	☽ First Quarter	25	11	59	After.
☾ Apogee	9	12	—	Noon.	☾ Apogee	21	8	—	Morn.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. After.	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Fri	20	Mysore State Railway opened, 1881	6 28	6 0	4 5	10 35	4 14
2	Sat	21	*Purification of the B. V. Mary*	6 28	6 0	5 0	11 26	5 4
3	SUN	22	SEPTUAGESIMA SUNDAY.—*St. Blasius*	6 28	6 1	5 52	Morn.	5 51
4	Mon	23	Battle of Ningpo, 1819	6 28	6 1	6 43	0 15	6 35
5	Tues	24	*St. Agatha.*—Bishop Corrie died, 1837	6 27	6 1	7 31	1 0	7 16
6	Wed	25	Thomas Carlyle died, 1881	6 27	6 2	8 19	1 44	7 55
7	Thur	26	Decennial Census taken, 1881	6 27	6 2	9 5	2 27	8 33
8	Fri	27	Lord Mayo assassinated at Port Blair,	6 27	6 2	9 52	3 9	9 11
9	Sat	28	[1872.	6 26	6 3	10 39	3 53	9 50
10	SUN	29	SEXAGESIMA SUNDAY.—QUEEN VIC-	6 26	6 3	11 27	4 35	10 30
11	Mon	30	[TORIA married, 1840.	6 26	6 3	Morn.	5 21	11 13
12	Tues	1		6 26	6 4	0 16	6 8	After.
13	Wed	2	English Revolution, 1688	6 25	6 4	1 7	6 57	0 47
14	Thur	3	*St. Valentine*	6 25	6 4	1 58	7 48	1 39
15	Fri	4	Treaty of Lahore, 1846	6 25	6 5	2 50	8 41	2 33
16	Sat	5	Lindley Murray died, 1836	6 24	6 5	3 42	9 35	3 29
17	SUN	6	QUINQUAGESIMA (SHROVE SUNDAY)	6 24	6 5	4 33	10 29	4 27
18	Mon	7	Luther died, 1546 [Empire, 1826.	6 23	6 5	5 23	11 23	5 25
19	Tues	8	*Shrove Tuesday.*—Peace with Burman	6 23	6 6	6 12	After.	6 23
20	Wed	9	ASH-WEDNESDAY.—Bangalore cap-	6 22	6 6	7 0	1 9	7 22
21	Thur	10	Battle of Gujerat, 1849 [tured, 1791.	6 22	6 6	7 48	2 3	8 21
22	Fri	11	Sir Charles Lyall died, 1875	6 22	6 6	8 36	2 57	9 20
23	Sat	12	Sir Joshua Reynolds died, 1832	6 21	6 7	9 27	3 53	10 20
24	SUN	13	QUADRAGESIMA (1ST SUNDAY IN LENT).—	6 21	6 7	10 19	4 48	11 19
25	Mon	14	[*St. Matthias.*	6 20	6 7	After.	5 45	Morn.
26	Tues	15		6 20	6 7	1 5	6 42	0 18
27	Wed	16	Longfellow, Poet, b., 1807	6 19	6 7	1 5	7 38	1 15
28	Thur	17		6 19	6 7	2 0	8 31	2 10

PHENOMENA.

d.	h.			
Feb. 6	3	Morn.—Moon in conjunction with Mars	Moon	9 54 S.
14	11	After.—Mecury in ascending node.		
15	6	Morn.—Uranus in descending node.		
15	10	Morn.—Moon in conjunction with Jupiter	Moon	2 51 N.
15	12	Midnight.—Moon in conjunction with Saturn	Moon	3 3 N.
18	2	Morn.—Moon in conjunction with Venus	Moon	5 49 N.
19	2	After.—Mercury in perihelion.		
20	3	Morn.—Mercury at greatest elongation		18 6 E.
20	6	After.—Moon in conjunction with Mercury	Moon	3 29 N.
22	11	Morn.—Mars in opposition with the sun. App. diameter 14″.		
25	1	After.—Mars in aphelion.		
26	3	Morn.—Mercury stationary. App. diameter 9″.		

53

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
○ Full Moon	5	1	25	After.	● New Moon	20	6	14	After.
☾ Last Quarter	13	6	27	After.	☽ First Quarter	27	10	0	Morn.
☾ Apogee	9	5	—	Morn.	☾ Perigee	21	3	—	After.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. After.	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Fri	18	*St. David* [Queen, 1882.	6 18	6 8	2 54	9 22	3 0
2	Sat	19	*St. Chad.*—Attempt to assassinate the	6 18	6 8	3 47	10 10	3 48
3	SUN	20	2ND SUNDAY IN LENT.—George Odeer	6 17	6 8	4 37	10 56	4 32
4	Mon	21	[died, 1877.	6 17	6 8	5 26	11 40	5 18
5	Tues	22		6 16	6 8	6 13	Morn.	5 53
6	Wed	23	Battle with Tippu in Coorg, 1799	6 15	6 8	7 0	0 23	6 31
7	Thur	24	*St. Perpetua.*—Siege of Bangalore, 1791	6 15	6 8	7 47	1 6	7 10
8	Fri	25	Battle of Aboukir, 1801	6 14	6 8	8 34	1 48	7 48
9	Sat	26	Mr. Gladstone resigns, 1894	6 13	6 8	9 21	2 32	8 28
10	SUN	27	[Wales married, 1863. 3RD SUNDAY IN LENT.—Prince of	6 13	6 9	10 9	3 16	9 10
11	Mon	28	Sir James Outram died, 1863	6 12	6 9	10 59	4 2	9 53
12	Tues	29	*St. Gregory.*—End of Nepaul War, 1816	6 12	6 9	11 49	4 50	10 40
13	Wed	30	Prince Arthur married, 1879	6 11	6 9	Morn.	5 39	11 29
14	Thur	1		6 10	6 9	0 40	6 30	After.
15	i	2	Lord Melbourn born, 1779	6 9	6 9	1 30	7 22	1 15
16	Sat	3	Duchess of Kent died, 1861	6 9	6 9	2 20	8 14	2 10
17	SUN	4	4TH SUNDAY IN LENT.—*St. Patrick*	6 8	6 9	3 9	9 7	3 7
18	Mon	5	Princess Louise born, 1848	6 7	6 9	3 59	10 0	4 4
19	Tues	6		6 7	6 10	4 46	10 53	5 3
20	Wed	7	Sir Isaac Newton died, 1727 [1871.	6 6	6 10	5 35	11 47	5 2
21	Thur	8	*St. Benedict.*—Princess Louise married,	6 5	6 10	6 24	After.	7 3
22	Fri	9	Goethe died, 1832	6 5	6 10	7 15	1 39	8 5
23	Sat	10	[Hyderabad (Scinde), 1843.	6 4	6 10	8 9	2 37	9 7
24	SUN	11	5TH SUNDAY IN LENT.—Battle of	6 4	6 10	9 4	3 36	10 9
25	Mon	12	*Annunciation, B. V. M.* (*Lady Day*)	6 3	6 10	10 2	4 35	11 8
26	Tues	13	Duke of Cambridge born, 1819	6 2	6 10	10 59	5 32	Morn.
27	Wed	14	American Civil War began, 1861	6 1	6 10	11 56	6 27	0 5
28	Thur	15	Prince Leopold died, 1884	6 1	6 10	After.	7 19	0 57
29	Fri	16	Punjab annexed, 1849	6 0	6 10	1 44	8 8	1 46
30	Sat	17	Russo-Persian Treaty ratified, 1882	5 59	6 10	2 34	8 55	2 31
31	SUN	18	PALM SUNDAY	5 59	6 10	3 23	9 39	3 13

PHENOMENA.

d.	h.			
Mar. 4	7	After.—Moon in conjunction with Mars	Moon	9 53 S.
7	8	After.—Mecury in inferior conjunction with the sun.		
8	7	Morn.—Uranus in quadrature to the sun.		
8	12	Noon.—Neptune stationary.		
15	4	Morn.—Moon in conjunction with Jupiter	Moon	3 25 N.
15	7	After.—Moon in conjunction with Saturn	Moon	3 26 N.
17	11	After.—Uranus in quadrature to the sun.		
20	4	Morn.—Moon in conjunction with Venus	Moon	6 31 N.
20	8	Morn.—Mercury stationary.		
	12	Noon.—Spring commences.		
		After.—Uranus stationary.		
31	8	Morn.—Moon in conjunction with Mars	Moon	8 56 S.

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
○ Full Moon	4	6	41	Morn.	● New Moon	19	2	58	Morn.
☾ Last Quarter	12	9	18	Morn.	☽ First Quarter	25	9	86	After.

☾ Apogee ..... 5 12 — Noon. ☾ Perigee ..... 19 2 — Morn.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. After.	THE MOON Sets Morn.
			[Ahwaz, 1857.	h. m.	h. m.	h. m.	h. m.	h. m.
1	Mon	19	*All Fools' Day.*—Expedition against	5 58	6 10	4 10	10 22	3 52
2	Tues	20	Mandalay Mission left for Calcutta,	5 58	6 10	4 57	11 4	4 31
3	Wed	21	*St. Richard* .....[1882.	5 57	6 10	5 43	11 46	5 9
4	Thur	22	*Maundy Thursday.—St. Ambrose*.....	5 57	6 10	6 30	Morn.	5 47
5	Fri	23	GOOD FRIDAY.....[1834.	5 56	6 10	7 17	0 29	6 27
6	Sat	24	*Easter-Eevn.*—Capital of Coorg taken,	5 55	6 11	8 5	1 13	7 8
		Pungani.	[pold born, 1858.					
7	SUN	25	EASTER SUNDAY.—Prince Leo-	5 54	6 11	8 54	1 59	7 51
8	Mon	26	*Easter Monday*.....	5 53	6 11	9 44	2 46	8 36
9	Tues	27	*Easter Tuesday.*—Lord Bacon died, '26	5 53	6 11	10 34	3 34	9 24
10	Wed	28	Annexation of Coorg, 1834.....	5 52	6 11	11 23	4 24	10 14
11	Thur	29	Papal Jubilee, Rome, 1869.....	5 51	6 11	Morn.	5 14	11 6
12	Fri	30	.....	5 51	6 11	0 12	6 5	After.
13	Sat	1	.....	5 50	6 11	1 0	6 56	0 54
			[Princess Beatrice born, 1857.					
14	SUN	2	1st SUNDAY AF. EASTER (LOW SUN.)—	5 50	6 11	1 47	7 47	1 49
15	Mon	3	Battle of Malour, 1815.....	5 49	6 11	2 34	8 38	2 45
16	Tues	4	1st Railway opened at Bombay, 1853.	5 49	6 11	3 21	9 31	3 43
17	Wed	5	Benjamin Franklin died, 1790.....	5 48	6 12	4 9	10 24	4 42
18	Thur	6	Tantia Topee executed at Sepree, '59.	5 47	6 12	5 0	11 20	5 43
19	Fri	7	*St. Alphege*.....	5 47	6 12	5 52	After	6 47
20	Sat	8	Spanish Fleet destroyed by Blake, 1657	5 46	6 12	6 48	1 19	7 50
		Plava-Chittrai.						
21	SUN	9	2ND SUNDAY AF. EASTER.—*St. Domiaic.*	5 46	6 12	7 47	2 20	8 53
22	Mon	10	Bombardment of Odessa, 1882.....	5 45	6 12	8 46	3 20	9 54
23	Tues	11	*St. George*.....	5 45	6 12	9 45	4 18	10 50
24	Wed	12	Daniel Defoe died, 1731.....	5 44	6 12	10 43	5 13	11 41
25	Thur	13	*St. Mark.*—Princess Alice born, 1843.	5 43	6 12	11 38	6 4	Morn.
26	Fri	14	New Orleans taken, 1862.....	5 43	6 12	After.	6 52	0 28
27	Sat	15	Prince Leopold married, 1882.....	5 42	6 13	1 20	7 37	1 12
			[of the Bounty, 1789.					
28	SUN	16	3RD SUNDAY AFTER EASTER.—Mutiny	5 42	6 13	2 8	8 21	1 53
	Mon	17	Peace with Russia, 1856.....	5 41	6 13	2 55	9 3	2 31
30	Tues	18	Burmese Embassy reach Simla, 1882.	5 41	6 13	3 41	9 45	3 9

PHENOMENA.

	d.	h.			
April	2	11	Morn.—Jupiter in quadrature to the sun. App. diameter 35″.		
	4	1	After.—Mercury in aphelion.		
		11	Morn.—Mercury at greatest elongation.....	27	43 W.
	6	4	After.—Mars stationary. App. diameter 11″.		
		7	After.—Saturn in quadrature to the sun. App. diameter 15″.		
		5	After.—Moon in conjunction with Jupiter.....Moon	3	50 N.
	11	12	Midnight.—Moon in conjunction with Saturn.....Moon	3	42 N.
	17	2	After.—Moon in conjunction with Mercury.....Moon	7	5 N.
		12	Midnight.—Moon in conjunction with Venus.....Moon	3	47 N.
	24	11	After.—Mercury at greatest Heliocentric Latitude.		
	26	10	Morn.—Saturn stationary. App. diameter 16″.		
	27	7	After.—Moon in conjunction with Mars.....Moon	7	57 S.

54

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
○ Full Moon	3	11	40	After.	● New Moon	18	10	59	Morn.
☾ Last Quarter	11	7	59	After.	☾ First Quarter	25	11	1	Morn.

☾ Apogee ..... 2 1 — After. ☾ Perigee ..... 17 12 — Noon. ☾ Apogee ..... 29 10 — After.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm After.	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Wed	19	*SS. Philip & James.*—Prince Arthur	5 40	6 13	4 27	10 28	3 47
2	Thur	20	Cyclone in Madras, 1872..[born, 1850.	5 40	6 13	5 14	11 11	4 26
3	Fri	21	*Invention of the Cross*.....	5 40	6 14	6 2	11 56	5 7
4	Sat	22	Death of Tippu, 1799.....	5 39	6 14	6 51	Morn.	5 49
		Plava-Chittrai.						
5	SUN	23	4TH SUNDAY AFTER EASTER.—Napoleon	5 39	6 14	7 41	0 43	6 34
6	Mon	24	*St. John, A. P. L.*.....[I. died, 1821.	5 39	6 14	8 31	1 31	7 22
7	Tues	25	Lord Cavendish and Mr. Bourke as-	5 38	6 14	9 20	2 21	8 11
8	Wed	26	.....[sassinated 1882.	5 38	6 15	10 9	3 11	9 2
9	Thur	27	John Stuart Mill died, 1873.....	5 38	6 15	10 56	4 1	9 54
10	Fri	28	Mutiny at Meerut, 1857.....	5 38	6 15	11 42	4 51	10 47
11	Sat	29	Rangoon taken, 1824.....	5 37	6 15	Morn.	5 40	11 41
12	SUN	30	ROGATION SUNDAY.—Battle of Alma-	5 37	6 15	0 28	6 30	After.
13	Mon	31	Cession of Surat, 1800.....[rez, 1812.	5 37	6 16	1 13	7 20	1 29
14	Tues	1	.....	5 36	6 16	1 59	8 11	2 26
15	Wed	2	O'Connell died, 1847.....	5 36	6 16	2 46	9 4	3 24
16	Thur	3	ASCENSION DAY (*Holy Thursday*).....	5 36	6 16	3 37	10 0	4 25
17	Fri	4	King of Spain born, 1886.....	5 36	6 17	4 30	10 58	5 28
18	Sat	5	.....	5 35	6 17	5 27	11 59	6 32
			[*St. Dunstan, A.C.*					
19	SUN	6	SUNDAY AFTER ASCENSION DAY.—	5 35	6 17	6 27	After.	7 35
20	Mon	7	Dr. W. Chambers died, 1883.....	5 35	6 18	7 28	2 2	8 35
21	Tues	8	Riots at Montreal, 1832	5 35	6 18	8 29	3 0	9 31
22	Wed	9	.....	5 35	6 18	9 27	3 55	10 21
23	Thur	10	.....	5 35	6 19	10 22	4 46	11 7
24	Fri	11	EMPRESS VICTORIA born, 1819.....	5 34	6 19	11 14	5 33	11 50
25	Sat	12	Princess Helena born, 1846.....	5 34	6 19	After.	6 18	Morn.
			[*gustine, 1st Archbp. of Cant.*					
26	SUN	13	PENTECOST (WHIT SUNDAY).—*St. Au-*	5 34	6 20	0 51	7 1	0 30
27	Mon	14	*Whit Monday.—Venerable Bede*.....	5 34	6 20	1 37	7 43	1 8
28	Tues	15	*Whit Tuesday* .....[1875.	5 34	6 20	2 24	8 26	1 47
29	Wed	16	Arctic Expedition left Portsmouth,	5 34	6 21	3 11	9 9	2 25
30	Thur	17	Massacre at Shahjehanpur, 1857.....	5 34	6 21	3 58	9 53	3 5
31	Fri	18	.....	5 34	6 21	4 47	10 40	3 47

PHENOMENA.

	d.	h.			
May	1	3	Morn.—Jupiter stationary. App. diameter 39″.		
	1	6	Morn.—Venus in superior conjunction with the sun.		
	8	12	Midnight.—Moon in conjunction with Jupiter.....Moon	3	59 N.
	9	6	Morn.—Moon in conjunction with Saturn.....Moon	3	48 N.
	14	11	After.—Mercury in superior conjunction with the sun.		
	18	—	——Solar eclipse. See page 8.		
	18	6	After.—Moon in conjunction with Mercury .....Moon	1	39 S.
	18	6	After.—Moon in conjunction with Venus.....Moon	0	38 S.
	18	11	After.—Mercury in conjunction with Venus.....Mercury	1	4 N.
	25	8	After.—Moon in conjunction with Mars.....Moon	6	59 S.
	29	1	Morn.—Mars in quadrature to the sun. App. diameter 7·5″.		

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
○ Full Moon	2	8	14	After.	● New Moon	16	6	54	After.
☾ Last Quarter	10	8	21	Morn.	☽ First Quarter	24	2	20	Morn.

☾ Perigee ..... 14 4 — After. | ☾ Apogee ..... 26 2 — After.

Day of Month	Day of Week	Tamil day of Month	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm After	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Sat	19	*St. Nicomede*	5 34	6 21	5 36	11 27	4 31
2	SUN	20	TRINITY SUNDAY.—Garibaldi died,	5 34	6 21	6 27	Morn.	5 18
3	Mon	21	Duke of York born, 1835.....[1882.	5 34	6 22	7 17	0 17	6 7
4	Tues	22		5 34	6 22	8 6	1 7	6 58
5	Wed	23	*St. Boniface*	5 34	6 22	8 55	1 58	7 50
6	Thur	24	*Corpus Christi*	5 34	6 23	9 41	2 48	8 43
7	Fri	25		5 34	6 23	10 27	3 38	9 37
8	Sat	26	Mahomet died, 632	5 34	6 23	11 11	4 27	10 29
9	SUN	27	1ST SUNDAY AFTER TRINITY.—Charles	5 34	6 23	11 55	5 16	11 23
10	Mon	28	.....[Dickens died, 1870.	5 34	6 24	Morn.	6 5	After.
11	Tues	29	*St. Barnabas, Ap.*	5 35	6 24	0 41	6 56	1 13
12	Wed	30	Massacre at Cawnpore, 1857	5 35	6 24	1 28	7 48	2 11
13	Thur	31	Earl Rivers executed, 1483	5 35	6 25	2 18	8 44	3 11
14	Fri	1		5 35	6 25	3 12	9 42	4 13
15	Sat	2	Wat Tyler killed, 1381	5 35	6 25	4 9	10 42	5 16
16	SUN	3	2ND SUNDAY AFTER TRINITY	5 35	6 25	5 9	11 43	6 17
17	Mon	4	*St. Alban, M.*	5 35	6 26	6 10	After.	7 15
18	Tues	5	Battle of Waterloo, 1815	5 36	6 26	7 11	1 41	8 9
19	Wed	6	Bithoor Massacre, 1857	5 36	6 26	8 8	2 34	8 59
20	Thur	7	Accession of QUEEN VICTORIA, '37.	5 36	6 26	9 3	3 25	9 44
21	Fri	8	Proclamation of QUEEN VICTORIA,	5 36	6 27	9 57	4 12	10 26
22	Sat	9	.....[1837.	5 36	6 27	10 44	4 56	11 6
23	SUN	10	3RD SUNDAY AFTER TRINITY	5 37	6 27	11 32	5 39	11 45
24	Mon	11	*St. John the Baptist.*—Midsummer	5 37	6 27	After.	6 22	Morn.
25	Tues	12	.....[Day.	5 37	6 28	1 53	7 49	1 3
26	Wed	13		5 38	6 28	2 41	8 35	1 44
27	Thur	14	Lord Lawrence died, 1879	5 38	6 28	3 30	9 22	2 27
28	Fri	15	Coronation of QUEEN VICTORIA, '38.	5 38	6 28	4 21	10 11	3 13
29	Sat	16	*St. Peter, Ap.* [Second Burmah War, 1853.					
30	SUN	17	4TH SUNDAY AFTER TRINITY.—End of	5 38	6 28	5 11	11 1	4 1

Panguni. Panguni. Chittirai. Chittirai. Vaikasi. Vaikasi.

PHENOMENA.

	d.	h.		°	′	
June	5	2	Morn.—Moon in conjunction with Jupiter.....Moon	3	53	N.
	5	10	Morn.—Moon in conjuhction with Saturn.....Moon	3	43	N.
	6	1	After.—Uranus in opposition to the sun.			
	7	5	After.—Mercury in conjunction with ε Geminorum....Star	0	4	N.
	9	6	After.—Venus in conjunction with Neptune.....Venus	1	49	N.
	16	10	Morn.—Mercury at greatest elongation	24	39	E.
	17	6	After.—Moon in conjunction with Venus.....Moon	4	44	S.
	21	6	Morn.—Neptune in conjunction with the sun.			
	22	8	Morn.—Summer commences.			
	23	5	Morn.—Moon in conjunction with Mars.....Moon	5	45	S.
	29	5	After.—Mercury stationary.			
	30	10	After.—Jupiter in opposition to the sun. App. diameter 438″.			

55

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
○ Full Moon	2	4	39	Morn.	☽ First Quarter	23	7	19	After.
☾ Last Quarter	9	8	41	Morn.	○ Full Moon	31	3	55	After.
● New Moon	16	3	32	Morn.					

☾ Perigee ..... 12 5 — Morn. | ☾ Apogee ..... 24 8 — Morn.

Day of Month	Day of Week	Tamil day of Month	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm After.	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Mon	18	Princess Alice married, 1862	5 38	6 28	6 1	11 53	4 52
2	Tues	19	*Visitation of B. V. Mary*	5 39	6 28	6 51	Morn.	5 45
3	Wed	20		5 39	6 28	7 39	0 44	6 38
4	Thur	21	*Translation of St. Martin*	5 39	6 28	8 26	1 35	7 32
5	Fri	22	Princess Helena married, 1866	5 40	6 29	9 11	2 25	8 26
6	Sat	23	Duke of York married, 1893	5 40	6 29	9 55	3 14	9 20
7	SUN	24	5TH SUNDAY AFTER TRINITY.—*Transla-*	5 40	6 29	10 40	4 3	10 14
8	Mon	25	.....*tion of St. Thomas à Becket.*	5 41	6 29	11 25	4 53	11 8
9	Tues	26		5 41	6 29	Morn.	5 44	After.
10	Wed	27	Vellore Mutiny, 1806	5 41	6 29	0 13	6 37	1 2
11	Thur	28		5 42	6 29	1 4	7 32	2 2
12	Fri	29		5 42	6 29	1 58	8 30	3 2
13	Sat	30	Alexandra burned by Arabi, 1882	5 42	6 29	2 56	9 29	4 3
14	SUN	31	6TH SUNDAY AFTER TRINITY	5 42	6 29	3 55	10 28	5 1
15	Mon	1	*St. Swithin*	5 43	6 29	4 55	11 26	5 57
16	Tues	2	Massacre of Cawnpore, 1857	5 43	6 29	5 53	After.	6 48
17	Wed	3	Franco-Prussian War commenced,	5 43	6 29	6 50	1 14	7 36
18	Thur	4	.....[1870.	5 43	6 29	7 43	2 3	8 20
19	Fri	5		5 44	6 28	8 34	2 49	9 1
20	Sat	6	*St. Margaret, V. and M.*	5 44	6 28	9 23	3 34	9 41
21	SUN	7	7TH SUNDAY AFTER TRINITY	5 44	6 28	10 12	4 17	10 20
22	Mon	8	*St. Mary Magdalene*	5 44	6 28	10 59	5 0	11 0
23	Tues	9	Princess Beatrice married, 1885	5 45	6 28	11 46	5 44	11 40
24	Wed	10		5 45	6 27	After.	6 29	Morn.
25	Thur	11	*St. James*	5 45	6 27	1 23	7 15	0 22
26	Fri	12	*St. Anne* .....[lution, 1830.	5 45	6 27	2 12	8 3	1 7
27	Sat	13	*St. Joseph of Arimathea.*—French Revo-	5 46	6 27	3 3	8 53	1 54
28	SUN	14	8TH SUNDAY AFTER TRINITY.—Battle	5 46	6 27	3 53	9 44	2 43
29	Mon	15	.....[of Pyrenees, 1813.	5 46	6 26	4 43	10 35	3 35
30	Tues	16		5 47	6 26	5 32	11 27	4 29
31	Wed	17		5 47	6 26	6 20	Morn.	5 23

Adi. Adi. Avani. Avani. Purattasi. Purattasi.

PHENOMENA.

	d.	h.		°	′	
July	2	2	Morn.—Moon in conjunction with Jupiter.....Moon	3	42	N.
	2	12	Noon.—Moon in conjunction with Saturn.....Moon	3	36	N.
	4	10	After.—The sun in apogee.			
	6	2	Morn.—Saturn in opposition to the sun. App. diameter 17″.			
	18	5	After.—Mercury in inferior conjunction with the sun.			
	15	9	After.—Moon in conjunction with Mercury.....Moon	0	37	N.
	16	7	Morn.—Jupiter in descending node.			
	17	11	After.—Moon in conjunction with Venus.....Moon	6	55	S.
	21	7	After.—Moon in conjunction with Mars.....Moon	4	6	S.
	24	8	Morn.—Mercury stationary. App. diameter 9·4″.			
	28	4	Morn.—Moon in conjunction with Jupiter.....Moon	3	37	N.
	29	5	After.—Moon in conjunction with Saturn.....Moon	3	34	N.

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
☾ Last Quarter	7	1	23	After.	☽ First Quarter	22	1	13	After.
● New Moon	14	1	49	After.	○ Full Moon	30	1	42	Morn.

☾ Perigee ..... 6 1 — After. | ☾ Apogee ..... 21 3 — Morn.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. Morn.	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Thur	18	*Lammas Day*	5 47	6 25	7 7	0 18	6 18
2	Fri	19	Goolab Singh died, 1847	5 47	6 25	7 53	1 9	7 13
3	Sat	20	Mahratta War commenced, 1803	5 47	6 25	8 38	1 59	8 8
4	SUN	21	9TH SUNDAY AFTER TRINITY	5 47	6 24	9 24	2 50	9 4
5	Mon	22	1844.	5 47	6 24	10 12	3 41	10 0
6	Tues	23	*Transfiguration.*—Prince Alfred born,	5 48	6 24	11 2	4 34	10 58
7	Wed	24		5 48	6 23	11 54	5 28	11 56
8	Thur	25	*Name of Jesus*	5 48	6 23	Morn.	6 24	After.
9	Fri	26		5 48	6 23	0 49	7 22	1 55
10	Sat	27	*St. Lawrence*	5 48	6 22	1 47	8 20	2 53
11	SUN	28	10TH SUNDAY AFTER TRINITY	5 48	6 22	2 45	9 17	3 48
12	Mon	29	Ahmednagar taken (Wellesley), 1803.	5 48	6 21	3 42	10 12	4 40
13	Tues	30	*Old Lammas Day*	5 49	6 21	4 39	11 4	5 28
14	Wed	31	Sir Colin Campbell died, 1863	5 49	6 20	5 33	After.	6 13
15	Thur	32	*Assumption of B. V. Mary*	5 49	6 20	6 25	0 42	6 56
16	Fri	1	Salem riots began, 1882	5 49	6 19	7 15	1 27	7 37
17	Sat	2	Battle of Rohilla, 1808	5 49	6 19	8 4	2 11	8 17
18	SUN	3	11TH SUNDAY AFTER TRINITY	5 49	6 18	8 52	2 55	8 56
19	Mon	4	Mutiny at Ferozepore, 1857	5 49	6 18	9 39	3 39	9 36
20	Tues	5		5 49	6 17	10 27	4 23	10 18
21	Wed	6		5 50	6 17	11 15	5 9	11 1
22	Thur	7	Dr. Pusey born, 1800	5 50	6 16	After.	5 56	11 46
23	Fri	8	Govt. Central Museum instituted, 1851.	5 50	6 16	0 53	6 44	Morn.
24	Sat	9	*St. Bartholomew, Ap*	5 50	6 15	1 43	7 34	0 34
			[Faraday died, 1867.					
25	SUN	10	12TH SUNDAY AFTER TRINITY.—Michael	5 50	6 14	2 33	8 24	1 25
26	Mon	11	ALBERT, late PRINCE *Consort*, b., 1819.	5 50	6 14	3 22	9 16	2 17
27	Tues	12	Battle of Pollilore, 1781	5 50	6 13	4 11	10 7	3 11
28	Wed	13	*St. Augustine, Bp.*	5 50	6 12	4 58	10 59	4 6
29	Thur	14	*St. John the Baptist beheaded*	5 50	6 12	5 45	11 50	5 1
30	Fri	15		5 50	6 11	6 32	Morn.	5 57
31	Sat	16	John Bunyan died, 1688	5 50	6 11	7 19	0 42	6 54

PHENOMENA.

	d.	h.		°	′	
Aug.	2	7	After.—Mercury at greatest elongation	19	23	W.
	6	5	After.—Mars in descending node.			
	9	10	After.—Mercury in ascending node.			
	13	12	Noon.—Moon in conjunction with Mercury.....Moon	5	48	S.
	14	12	Noon.—Mercury in perihelion.			
	17	4	Morn.—Moon in conjunction with Venus.....Moon	5	37	S.
	19	12	Noon.—Moon in conjunction with Mars.....Moon	2	3	S.
	22	8	After.—Uranus stationary.			
	25	10	Morn.—Moon in conjunction with Jupiter.....Moon	3	45	N.
	25	11	After.—Moon in conjunction with Saturn.....Moon	3	42	N.
	28	2	Morn.—Mercury in superior conjunction with the sun.			
	31	2	Morn.—Jupiter stationary. App. diameter 39″.			

56.

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
☾ Last Quarter	5	6	48	After.	☽ First Quarter	21	6	54	Morn.
● New Moon	13	2	40	Morn.	○ Full Moon	28	10	57	Morn.

☾ Perigee ..... 2 1 — Morn. | ☾ Apogee ..... 17 10 — After. | ☾ Perigee ..... 29 11 — After.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. Morn.	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	SUN	17	13TH SUNDAY AFTER TRINITY—*St. Giles.*	5 50	6 9	8 8	1 34	7 52
2	Mon	18		5 50	6 9	8 58	2 28	8 50
3	Tues	19	Oliver Cromwell died, 1658	5 50	6 8	9 51	3 23	9 50
4	Wed	20		5 50	6 7	10 46	4 20	10 50
5	Thur	21	Malta taken, 1800	5 50	6 6	11 42	5 17	11 50
6	Fri	22		5 50	6 6	Morn.	6 15	After.
7	Sat	23	*St. Eanurchus, Bp*	5 50	6 5	0 40	7 12	1 43
8	SUN	24	14TH SUNDAY AFTER TRINITY.—*Nativity*	5 50	6 5	1 37	8 7	2 35
9	Mon	25		5 50	6 4	2 32	8 59	3 24
10	Tues	26	*of B. V. Mary.*	5 50	6 3	3 26	9 49	4 10
11	Wed	27	Battle of Delhi (Lake), 1803	5 50	6 3	4 18	10 36	4 52
12	Thur	28		5 50	6 2	5 8	11 22	5 34
13	Fri	29	Battle of Tel-el-Kebri, 1882	5 50	6 1	5 57	After.	6 14
14	Sat	30	*Holy Cross Day.*—Moscow burnt, 1812	5 50	6 0	6 45	0 50	6 53
15	SUN	31	15TH SUNDAY AFTER TRINITY	5 50	6 0	7 33	1 34	7 33
16	Mon	1	*St. Editha*	5 50	5 59	8 21	2 18	8 14
17	Tues	2	*St. Lambert, Bp*	5 50	5 58	9 8	3 3	8 57
18	Wed	3		5 50	5 58	9 57	3 49	9 41
19	Thur	4	President Garfield died, 1881	5 50	5 57	10 46	4 37	10 27
20	Fri	5		5 50	5 57	11 35	5 25	11 16
21	Sat	6	*St. Matthew, Ap*	5 50	5 56	After.	6 15	Morn.
22	SUN	7	16TH SUNDAY AFTER TRINITY	5 50	5 55	1 12	7 5	0 6
23	Mon	8	Battle of Assaye, 1803	5 50	5 55	2 0	7 55	0 58
24	Tues	9		5 50	5 54	2 47	8 45	1 51
25	Wed	10		5 50	5 53	3 34	9 36	2 46
26	Thur	11	*St. Cyprian*	5 51	5 52	4 21	10 28	3 41
27	Fri	12		5 51	5 52	5 8	11 21	4 38
28	Sat	13		5 51	5 51	5 57	Morn.	5 36
29	SUN	14	[chael and All Angels (Michaelmas Day). 17TH SUNDAY AFTER TRINITY.—*S. Mi-*	5 51	5 50	6 48	0 15	6 36
30	Mon	15	*St. Jerome*	5 51	5 50	7 42	1 11	7 37

PHENOMENA.

	d.	h.		°	′	
Sept.	6	12	Noon.—Uranus in quadrature to the sun.			
	10	9	After.—Moon in conjunction with Juno.....Moon	1	15	N.
	14	12	Noon.—Moon in conjunction with Mercury.....Moon	3	49	S.
	14	5	After.—Saturn stationary. App. diameter 16″.			
	16	8	Morn.—Moon in conjunction with Venus.....Moon	1	15	S.
	17	9	Morn.—Moon in conjunction with Mars.....Moon	0	11	N.
	21	8	After.—Moon in conjunction with Jupiter.....Moon	4	4	N.
	22	7	Morn.—Moon in conjunction with Saturn.....Moon	3	57	N.
	23	11	After.—Autumn commences.			
	25	12	Noon.—Neptune in quadrature to the sun.			
	26	6	After.—Moon in conjunction with Pallas.....Moon	1	0	S.
	28	12	Noon.—Jupiter in quadrature to the sun. App. diameter 36″.			

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
☾ Last Quarter	5	2	13	Morn.	☽ First Quarter	20	11	19	After.
● New Moon	12	6	32	After.	○ Full Moon	27	8	27	After.

☾ Apogee ..... 15 12 — Noon. | ☾ Perigee ..... 28 8 — Morn.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. Morn.	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Tues	16	*St. Remigius*	5 51	5 49	8 38	2 9	8 39
2	Wed	17		5 51	5 48	9 36	3 9	9 41
3	Thur	18		5 51	5 47	10 35	4 8	10 41
4	Fri	19	First English Bible printed, 1535	5 51	5 47	11 32	5 7	11 39
5	Sat	20		5 51	5 46	Morn.	6 3	After.
6	SUN	21	18TH SUNDAY AFTER TRINITY.—*St. Faith, V. and M.*	5 51	5 45	0 29	6 56	1 22
7	Mon	22	Nabob of the Carnatic died, 1855	5 51	5 45	1 24	7 48	2 9
8	Tues	23		5 51	5 44	2 15	8 34	2 51
9	Wed	24	*St. Denys*	5 51	5 44	3 5	9 20	3 33
10	Thur	25		5 51	5 43	3 53	10 4	4 13
11	Fri	26	*Old Michaelmas Day*	5 51	5 42	4 41	10 48	4 52
12	Sat	27	America discovered, 1492	5 51	5 42	5 29	11 31	5 31
13	SUN	28	*Translation of King Edward the Confessor.* 19TH SUNDAY AFTER TRINITY.—*Trans-*	5 52	5 41	6 16	After.	6 12
14	Mon	29	Cuttack taken, 1803	5 52	5 40	7 4	1 0	6 54
15	Tues	30		5 52	5 40	7 52	1 45	7 37
16	Wed	1	Lord Palmerston died, 1865	5 52	5 39	8 41	2 32	8 23
17	Thur	2	*St. Etheldreda*	5 52	5 39	9 29	3 20	9 11
18	Fri	3	*St. Luke the Evangelist*	5 52	5 38	10 18	4 8	9 59
19	Sat	4	Dean Swift died, 1745	5 52	5 38	11 5	4 57	10 50
20	SUN	5	20TH SUNDAY AFTER TRINITY	5 52	5 37	After.	5 46	11 41
21	Mon	6	Battle of Trafalgar, 1805	5 53	5 37	0 38	6 35	Morn.
22	Tues	7		5 53	5 36	1 24	7 24	0 33
23	Wed	8		5 53	5 36	2 9	8 14	1 26
24	Thur	9	King of Servia shot at, 1882	5 53	5 35	2 55	9 5	2 21
25	Fri	10	*St. Crispin, M.*	5 53	5 35	3 42	9 58	3 17
26	Sat	11		5 54	5 35	4 32	10 53	4 15
27	SUN	12	21ST SUNDAY AFTER TRINITY	5 54	5 34	5 24	11 51	5 16
28	Mon	13	*SS. Simon and Jude*	5 54	5 34	6 22	Morn.	6 19
29	Tues	14		5 54	5 33	7 21	0 51	7 23
30	Wed	15	[1831.	5 55	5 33	8 21	1 53	8 27
31	Thur	16	Assumption of Mysore by British,	5 55	5 33	9 22	2 55	9 28

Plava. Parattasi. Alpasi.

PHENOMENA.

	d.	h.			°	′	
Oct.	4	5	Morn.—Saturn in quadrature to the sun. App. diameter 15·4″.				
	5	11	Morn.—Neptune stationary.				
	9	3	Morn.—Moon in conjunction with Juno	Moon	0	43	N.
	10	7	After.—Mars in conjunction with Venus	Venus	0	55	S.
	12	10	After.—Mercury at greatest elongation		25	3	E.
	13	12	Midnight.—Venus in conjunction with β Scorpii	Venus	0	10	N.
	15	8	Morn.—Moon in conjunction with Mars	Moon	2	24	N.
	16	1	After.—Moon in conjunction with Venus	Moon	3	48	N.
	19	5	After.—Moon in conjunction with Saturn	Moon	4	11	N.
	24	10	After.—Mercury stationary.				
	25	5	After.—Uranus in conjunction with Venus	Venus	2	21	S.
	27	—	———Lunar eclipse. See page 4.				

57

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
☾ Last Quarter	3	0	45	After.	☽ First Quarter	19	1	44	After.
● New Moon	11	0	55	After.	○ Full Moon	26	6	39	Morn.

☾ Apogee ..... 11 5 — After. | ☾ Perigee ..... 25 9 — After

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. Morn.	THE MOON Sets Morn.
				h. m.	h. m.	h. m.	h. m.	h. m.
1	Fri	17	*All Saints' Day*	5 55	5 32	10 21	3 54	10 25
2	Sat	18	*All Souls' Day.*—Cabul Massacre, 1841	5 55	5 32	11 17	4 50	11 18
3	SUN	19	22ND SUNDAY AFTER TRINITY	5 56	5 32	Morn.	5 43	After.
4	Mon	20		5 56	5 31	0 11	6 32	0 50
5	Tues	21	Gunpowder Plot, 1605	5 56	5 31	1 2	7 18	1 38
6	Wed	22	*St. Leonard*	5 57	5 31	1 51	8 3	2 12
7	Thur	23	Battle of Mooltan, 1848	5 57	5 31	2 39	8 46	2 52
8	Fri	24		5 57	5 30	3 26	9 29	3 31
9	Sat	25	Prince of Wales born, 1841	5 58	5 30	4 13	10 13	4 11
10	SUN	26	23RD SUNDAY AFTER TRINITY	5 58	5 30	5 0	10 57	4 52
11	Mon	27	*St. Martin, Bp.*	5 59	5 30	5 48	11 42	5 35
12	Tues	28	Gibbon Centenary held, 1894	5 59	5 30	6 37	After.	6 20
13	Wed	29	*St. Britius, Bp.*	6 0	5 30	7 26	1 17	7 7
14	Thur	30		6 0	5 29	8 14	2 5	7 56
15	Fri	1	*St. Machutus, Bp.*	6 0	5 29	9 2	2 53	8 45
16	Sat	2	Soudan Expedition left Suez, 1882	6 1	5 29	9 49	3 42	9 35
17	SUN	3	24TH SUNDAY AFTER TRINITY.—*St. Hugh.*—Suez Canal opened, 1869	6 1	5 29	10 34	4 30	10 26
18	Mon	4		6 2	5 29	11 19	5 17	11 17
19	Tues	5		6 2	5 29	After.	6 5	Morn.
20	Wed	6	*St. Edmund, K. & M.*	6 3	5 29	0 47	6 54	0 10
21	Thur	7	Princess Royal born, 1840	6 3	5 29	1 36	7 43	1 3
22	Fri	8	*St. Cecilia, V. and M.*	6 4	5 29	2 18	8 36	1 58
23	Sat	9	*St. Clement, Bp.*	6 4	5 29	3 8	9 31	2 56
24	SUN	10	25TH SUNDAY AFTER TRINITY.—Tasma-	6 5	5 29	4 2	10 29	3 56
25	Mon	11	*St. Katharine.*—[nia discovered, 1642.	6 5	5 29	4 59	11 31	4 59
26	Tues	12		6 6	5 29	6 0	Morn.	6 4
27	Wed	13		6 6	5 29	7 3	0 34	7 8
28	Thur	14		6 7	5 29	8 5	1 36	8 9
29	Fri	15		6 7	5 30	9 5	2 36	9 6
30	Sat	16	*St. Andrew, Ap. and M.*	6 8	5 30	10 2	3 33	9 58

Plava. Karttikai.

PHENOMENA.

	d.	h.			°	′	
Nov.	4	1	After.—Uranus in conjunction with Mars	Mars	0	54	S.
	4	11	After.—Mercury in inferior conjunction with the sun.				
	6	6	Morn.—Moon in conjunction with Juno	Moon	0	26	N.
	11	—	———Solar eclipse. See page 4.				
	13	6	After.—Mercury stationary.				
	14	10	Morn.—Moon in conjunction with Mars	Moon	4	19	N.
	15	7	After.—Moon in conjunction with Venus	Moon	7	20	N.
	16	1	Morn.—Moon in conjunction with Jupiter	Moon	4	44	N.
	16	8	Morn.—Moon in conjunction with Saturn	Moon	4	21	N.
	19	12	Noon.—Saturn in conjunction with Venus	Venus	3	12	S.
	21	10	Morn.—Mercury at greatest elongation		19	42	W.
	28	11	Morn.—Saturn in conjunction with Jupiter	Jupiter	0	27	S.

PHASES OF THE MOON.

	d.	h.	m.			d.	h.	m.	
☾ Last Quarter	3	3	10	Morn.	☽ First Quarter	19	1	56	Morn.
● New Moon	11	8	14	Morn.	○ Full Moon	25	5	37	After.

☾ Apogee ..... 8 7 — After. | ☾ Perigee ..... 24 8 — Morn.

Day of Month.	Day of Week.	Tamil day of Month.	REMARKABLE DAYS, &c.	THE SUN Rises Morn.	THE SUN Sets After.	THE MOON Rises After.	THE MOON Culm. Morn.	THE MOON Sets Morn.
			[Wales born, 1844.	h. m.	h. m.	h. m.	h. m.	h. m.
1	SUN	17	1st Sunday in Advent.—Princess of	6 8	5 30	10 56	4 25	10 46
2	Mon	18	Battle of Austerlitz, 1844	6 9	5 30	11 46	5 14	11 30
3	Tues	19		6 9	5 30	Morn.	6 0	After.
4	Wed	20	Suttee abolished, 1829	6 10	5 31	0 35	6 44	0 51
5	Thur	21	Madras Court of S. Causes estab., 1856	6 10	5 31	1 23	7 28	1 31
6	Fri	22	*St. Nicholas*	6 11	5 31	2 10	8 11	2 10
7	Sat	23	Hyder Ali died, 1782	6 12	5 31	2 57	8 55	2 51
			[*of B. V. Mary.*					
8	SUN	24	2nd Sunday in Advent.—*Conception*	6 12	5 32	3 44	9 40	3 33
9	Mon	25	Second battle of Nagpore, 1857	6 13	5 32	4 33	10 26	4 13
10	Tues	26	Nagpore annexed, 1853	6 13	5 32	5 22	11 13	5 4
11	Wed	27		6 14	5 33	6 11	After.	5 52
12	Thur	28	New Zealand discovered, 1642	6 14	5 33	7 0	0 50	6 42
13	Fri	29	*St. Lucy* [1861.	6 15	5 33	7 47	1 39	7 32
14	Sat	30	Albert, late Prince *Consort*, died,	6 15	5 34	8 33	2 27	8 23
15	SUN	1	3rd Sunday in Advent	6 16	5 34	9 18	3 15	9 14
16	Mon	2	*St. Sapientia*	6 17	5 35	10 2	4 2	10 5
17	Tues	3	Foundation stone of Town Hall laid,	6 17	5 35	10 45	4 49	10 57
18	Wed	4	Suez Canal opened, 1869 [1883.	6 18	5 36	11 28	5 37	11 49
19	Thur	5	Marquis Dalhousie died, 1860	6 18	5 36	After.	6 26	Morn.
20	Fri	6	[1817.	6 19	5 37	0 58	7 18	0 43
21	Sat	7	*St. Thomas, Ap.*—Battle of Mehidpore,	6 19	5 37	1 48	8 13	1 40
			[Ferozeshah, 1845.					
22	SUN	8	4th Sunday in Advent.—Battle of	6 20	5 38	2 42	9 11	2 40
23	Mon	9	Assassination of Sir W. H. Mac-	6 20	5 38	3 39	10 12	3 42
24	Tues	10	[naghten, 1841.	6 21	5 39	4 40	11 14	4 45
25	Wed	11	CHRISTMAS DAY	6 21	5 39	5 43	Morn.	5 48
26	Thur	12	*St. Stephen, M.*	6 22	5 40	6 45	0 16	6 49
27	Fri	13	*St. John the Evangelist*	6 22	5 40	7 45	1 15	7 44
28	Sat	14	*Holy Innocents' Day*	6 22	5 41	8 42	2 11	8 35
			[Gladstone born, 1809.					
29	SUN	15	1st Sunday after Christmas.—W. E.	6 23	5 41	9 36	3 4	9 23
30	Mon	16	Pegu annexed, 1852	6 23	5 42	10 27	3 53	10 7
31	Tues	17	*St. Silvester, Bp.*	6 24	5 42	11 17	4 39	10 48

Margali. Plava-Karthikai.

PHENOMENA.

d.	h.			°	′
Dec. 4	6	Morn.—Moon in conjunction with Juno	Moon	0	14 N.
5	3	After.—Venus at greatest elongation		47	15 E.
10	2	Morn.—Uranus in conjunction with the sun.			
10	3	Morn.—Moon in conjunction with Mercury	Moon	1	23 N.
13	1	After.—Moon in conjunction with Mars	Moon	5	43 N.
13	3	After.—Moon in conjunction with Saturn	Moon	4	27 N.
13	6	After.—Moon in conjunction with Jupiter	Moon	4	58 N.
14	4	After.—Moon in conjunction with Venus	Moon	7	30 N.
16	4	After.—Saturn in conjunction with Mars	Mars	1	18 N.
17	8	After.—Jupiter in conjunction with Mars	Mars.	0	52 S.
22	6	After.—Winter commences.			
22	7	After.—Neptune in opposition to the sun.			

58

EXPLANATORY NOTES ON THE CALENDAR.

JANUARY.

The name given to this month by the Romans was taken from *Janus*, one of their divinities, to whom they gave two faces; because on the one side, the first day of this month looked towards the new year, and on the other towards the old one. It was called *wolf-monat* by our Saxon ancestors, on account of the danger they then experienced from wolves.

1.—Circumcision.

On this day is celebrated the Circumcision of our Saviour, a rite of the Jewish law, first enjoined to Abraham as a token of the covenant God made with him and his posterity.

Hark! the merry bells ring round
With clamorous joy to welcome in this day,
This consecrated day
To mirth and indolence.

The ancient custom of going about with the *wassail*, 'a bowl of spiced ale,' is yet retained in many places. The composition was ale, nutmeg, sugar, toast, and roasted crabs or apples and was called lamb's wool.

6.—Epiphany.

On the *Epiphany* or *manifestation* of Christ to the Gentiles, commonly called *Twelfth-day*, the Eastern magi were guided by the star to pay homage to their Saviour; and it takes its name from their coming on that day, which was the twelfth after the Nativity. The usual celebration of Twelfth-day, in the Metropolis and in the South of England, is by drawing lots, and assuming fictitious characters for the evening:—formerly the king or queen was chosen by a *bean* found in a piece of divided cake; and this was once a common Christmas gambol in both the English Universities. The day after Twelfth-day was called St. Distaff's-day.

8.—Saint Lucian.

Saint Lucian, Confessor and Martyr, was born at Samosata in Syria. He was well versed in the Hebrew language, and employed much time in comparing and amending the copies of the Bible. Lucian was put to death by Maximinus II.

13.—Saint Hilary.

Hilary was born at Poictiers in France, of an illustrious family; and of this place he was chosen bishop in the year 353. He died at Poictiers in 368. Hilary was an excellent orator and poet; his style abounds with rhetorical figures.

18.—Saint Prisca.

Prisca, a Roman lady, was early converted to Christianity; but refusing to abjure her religion, and to offer sacrifice when she was commanded, was horribly tortured, and afterwards beheaded, under the Emperor Claudius, in the year 275.

21.—Saint Agnes.

Agnes, a young Roman lady, of a noble family, suffered martyrdom in the tenth general persecution, under the Emperor Diocletian, in the year 306. Although the executioners wounded her most cruelly with the sword, yet she bore it with incredible constancy, singing hymns all the time: she was then no more than thirteen or fourteen years of age.

22.—Saint Vincent.

Vincent, a deacon of the church in Spain, suffered martyrdom in the Diocletian persecution, about the year 303, being extended upon burning coals; and, after his body was broiled there, he was thrown upon heaps of broken tiles.

25.—Conversion of Saint Paul.

This day celebrates the miraculous conversion of Saint Paul. He was beheaded under the general persecution of Nero: hence the usual representation of him with a sword in his hand.

FEBRUARY.

Some etymologists derive February from *Februa*, an epithet given to Juno, as the goddess of purification; while others attribute the origin of the name to *Februa*, a feast held by the Romans in this month, in behalf of the manes of the deceased. The Saxons named February *sprout kele*, on account of the sprouts of the cole-wort which began to appear in this month.

2.—Purification of the Blessed Virgin Mary.

This festival is of high antiquity, and the ancient Christians observed it by using a great number of lights, in remembrance, as it is supposed, of our blessed Saviour being declared by Simeon, to be 'a light to lighten the Gentiles:' hence the name of Candlemas-day.

3.—Septuagesima Sunday.

When the words Septuagesima, Sexagesima, and Quinquagesima (seventieth, sixtieth, and fiftieth), were first applied to denote these three Sundays, the season of Lent had generally been extended to a fast of six weeks, that is, thirty-six days, not reckoning the Sundays, which were always celebrated as festivals.

3.—Saint Blase.

He was Bishop of Sebaste, in Armenia, and suffered martyrdom in 316, under the persecution of Licinius. Blase is the principal patron of Ragusa, and also of the woolcombers, who still keep a solemn guild at Norwich, in memory of their tutelar saint.

5.—Saint Agatha.

Saint Agatha suffered martyrdom under Decius, in the year 251. She was honourably descended, and very beautiful. Her personal charms soon attracted the notice of Quintianus, prætor or governor of the province; who, being unable to accomplish his base designs, ordered her to be scourged, and then imprisoned, for not worshipping the Pagan deities. After which, still persisting in the faith, she was put to the rack, burnt with hot irons, and had her breasts cut off.

14.—Saint Valentine.

Valentine was an ancient presbyter of the Church: he suffered martyrdom in the persecution under Claudius II, at Rome; being beaten with clubs, and then beheaded, in the *Via Flaminia*, about the year 270.

The day Saint Valentine,
When maids are brisk, and at the break of day
Start up and turn their pillows, curious all
To know what happy swain the fates provide
A mate for life. Then follows thick discharge
Of true-love knots and sonnets nicely penned,
But to the learned critic's eye no verse,
But prose distracted.—Hurdis.

19.—Shrove Tuesday.

This day is also called 'Fastern's Een' and Pancake Tuesday. *Shrove* is the preterite of *shrive*, an antiquated word, which signifies to hear or make confession. On this day it was usual for the people to *confess*, that they might be the better prepared for the observation of the ensuing season of penitence, and for receiving the sacrament at Easter. It was afterwards converted into a day of idle sports and amusements; and in many parts of England, its anniversary was distinguished by riot and drunkenness, by bull-baiting, *cock-fighting*, and such other diversions as were calculated to promote cruelty and inhumanity. The Popish *Carnival* commences from Twelfth-day, and holds till Lent.

20.—Ash-Wednesday.

Lent is not of apostolic institution, nor was it known in the earlier ages of the Christian church. This day was formerly called *Caput Jejunii*, the head of the fast, and *Dies Cinerum*, or Ash-Wednesday. The latter appellation is derived from the discipline of the ancient church, in regard to penitents, who, on the first day of Lent, had ashes thrown upon them, and their heads covered with sackcloth.

24.—Saint Matthias.

Matthias was, probably, one of the seventy disciples, and was a constant attendant upon our Lord, from the time of his baptism by St. John until his ascension. He was afterwards, near the river Asparus, murdered by some barbarians. The gospel and traditions published under his name are considered spurious.

MARCH.

Among the Romans, March, from Mars, was the first month, and marriages made in this month were accounted unhappy. The Saxons called March *lent-monat*, or *lengthmoneth*, 'because the days did first begin, in length, to exceed the nights.'

1.—Saint David.

Saint David having founded several monasteries, and been the spiritual father of many saints, both British and Irish, died about the year 544, at a very advanced age.

2.—Saint Chad.

Saint *Ceadda* or Chad, educated in the monastery of Lindisfarne, under Saint Aidan, was afterwards Bishop of Lichfield, and died in the great pestilence of 673.

7.—Saint Perpetua.

Perpetua, a noble lady of Carthage, only twenty-two years of age, suffered martyrdom in 203, by order of Minutius Firmianus, under the persecution of the Emperor Severus. In the amphitheatre, Perpetua was exposed to the attacks of a wild cow, and, after being much gored by this animal, she languished for some time under the wounds given her by a young and unskilful gladiator.

12.—Saint Gregory.

Saint Gregory, surnamed the Great, was born about the year 540. He was consecrated Pope about the year 590, and died in 604. Before his advancement to the See, Gregory projected the conversion of the English nation; and, although his offer to this effect was at first refused, he accomplished his wishes after he assumed the papal chair.

17.—Midlent Sunday.

The middle or fourth Sunday in Lent was formerly called the Sunday of the five Leaves, the Sunday of Bread, and the Sunday of Refreshment, in allusion to the Gospel appointed for this day. It was also named *Rose-Sunday*, from the pope's carrying a *golden rose* in his hand, which he exhibited to the people in the streets as he went to celebrate the eucharist, and at his return. *Mothering Sunday* is another name attached to this day, from the practice, in Roman Catholic times, of people visiting their *mother-church* on Midlent Sunday. Hence, perhaps, the custom now existing in some parts of England, of children visiting their parents, and presenting them with money, trinkets, or some other trifle. Furmety is commonly a rural repast on this day. It is made of whole grains of wheat first parboiled, and then put into and boiled in milk, sweetened, and seasoned with spices.

17.—Saint Patrick.

The tutelar saint of Ireland was born in the year 371, in a village called *Bonaven Tabernies*, probably Kilpatrick, in Scotland, between Dunbriton and Glasgow. Being successively ordained deacon, priest, and bishop, he received the apostolical benediction from Pope Celestine, and was sent by him, about the beginning of the year 432, to preach the gospel in Ireland. He died at the good old age of 123, and was buried at Down, in Ulster.

The *shamrock* is said to be worn by the Irish, upon the anniversary of this saint, for the following reason: When he preached the gospel to the Pagan Irish, he illustrated the doctrine of the Trinity by showing them a *trefoil*, or three-leaved grass, with one stalk; which operating to their conviction, the shamrock, which is a bundle of this grass, was ever afterwards worn upon this saint's anniversary, to commemorate the event.—*Brand.*

21.—Saint Benedict.

Benedict, or *Bennet*, was born at Norcia in Italy, about the year 480, and of an honourable family. Being sent by his parents to Rome to complete his studies, he became disgusted with the licentiousness of the Roman youth, and retired to the mountain of Subiaco, about forty miles from the city. Bennet was now only fifteen, and lived for three years in a cave, Romanus, a monk, giving him provisions: these were let down by a rope, with a bell affixed, to give notice to the holy recluse. Bennet founded the monastery of Casino in 529: it was built on the brow of a very high mountain, on the top of which there was an old temple of Apollo, surrounded with a grove. The Benedictine order of monks, first instituted by our saint, was, in the ninth century, at its height of glory.

24.—Fifth Sunday in Lent.

Dominica in Passione, or Passion Sunday, was the name given to this day in missals; as the church now began to advert to the sufferings of Christ. In the north it is called *Carling* Sunday, and grey peas, first steeped at night in water, and fried with butter, form the usual repast.

25.—Annunciation of the B. V. M., *or Lady Day.*

This day celebrates the angel's message to the Virgin Mary, respecting our Blessed Lord. She was, probably, an only child, and but fifteen years of age when espoused to Joseph. She died A.D. 48, being about sixty years old.

31.—Palm Sunday.

In the missals, this day is denominated *Dominica in ramis Palmarum*, or Palm Sunday, and was so called from the palm branches and green boughs formerly distributed on that day, in commemoration of our Lord's riding to Jerusalem. Sprigs of *box-wood* are still used as a substitute for *palms* in Roman Catholic countries. On this day is still retained the ancient usage of decorating churches, houses, &c., with evergreens.

APRIL.

April is derived from *Aprilis*, of *aperio*, I open; because the earth, in this month, begins to open her bosom for the production of vegetables. The Saxons called this month *oster-monat*, from the goddess Goster, or because the winds were found to blow generally from the east in this month.

1.—All Fool's Day.

On this day everybody strives to make as many fools as he can: the wit chiefly consists in sending persons on what are called sleeveless errands, for the *history of Eve's mother*, for *pigeon's milk*, *stirrup oil*, and similar ridiculous absurdities.

4.—Maundy Thursday.

This day is called in Latin *Dies Mandati*, the day of the command, being the day on which our Lord washed the feet of his disciples, as recorded in the second lesson. The practice was long kept up in the monasteries. After the ceremony, liberal donations were made to the poor, of clothing and of silver money, and refreshment was given them to mitigate the severity of the fast. On the 15th April 1731 (Maundy Thursday), the *Archbishop of York washed the feet* of a certain number of poor persons. James II was the last king who performed this in person.

4.—Saint Ambrose.

Our saint was born about the year 340, and was educated in his father's palace, who was Prætorian Præfect of Gaul. He ruled over the See of Milan with great piety and vigilance for more than twenty years; during which time he gave all his money to pious uses, and settled the reversion of his estate upon the church. He converted the celebrated St. Augustine to the faith, and at his baptism, in a miraculous manner, composed that divine hymn, so well known in the church by the name of *Te Deum*. He died, aged fifty-seven, in the year of our Lord 396.

5.—Good Friday.

This day commemorates the suffering of Christ, as a propitiation for our sins. Holy Friday, or the Friday in Holy Week, was its most ancient and general appellation; the name Good Friday is peculiar to the English church. It was observed as a day of extraordinary devotion. Buns, with crosses upon them, are usually eaten in London and some other places, on this day, at breakfast. St. Peter's church at Rome is most superbly illuminated on this night.

The procession, on this day, at Barcelona, is thus described by the Rev. Joseph Townsend, in his 'Journey through Spain,' 'I found two images, as large as life, distinguished from the rest as being stationary, and the more immediate objects of their devotion; the one representing Christ as taken from the cross, the other the Virgin in all her best attire, pierced by seven swords, and leaning over the recumbent body of her son. Behind these images, a theatre with colonnades, supporting a multitude of wax tapers, dazzled the sight, while the ear was charmed by the harmonious chaunting of the choir.

'More than a hundred thousand persons all the morning crowded the streets, hurrying from church to church to express the warmth of their zeal, and the fervour of their devotion, by bowing themselves in each, and kissing the feet of the most revered image. Most of the spectators were natives of the city, but many upon such occasions resort to Barcelona from the adjacent villages, and some from distant provinces.

'Towards the close of day the pageant appeared, moving with slow and solemn pace along the streets, and conducted with the most perfect regularity. The last supper of Christ with his disciples, the treachery of Judas, attended by the priests, together with the guards, the flagellation, the crucifixion, the taking from the cross, the anointing of the body, and the burial, with every transaction of the closing scene, and the events subsequent to the passion of our Lord, were represented by images as large as life, placed in proper order on lofty stages, many of which were elegant, and all as highly ornamented as carving and gilding, rich silks, brocades, and velvets, with curious embroidery, all executed by their most skilful artists, could render them. No expense was spared either in the materials, the workmanship, or the wax lights, which, with the most splendid profusion, were consumed upon this occasion. Each of these stages was supported on the shoulders of six men, who were completely hid by a covering of black velvet hanging round the margin of the stage, and reaching nearly to the ground. This procession was preceded by Roman centurions clothed in their proper armour, and the soldiers of the garrison brought up the rear. The intermediate space was occupied by the group of images above described, attended by eight hundred burgesses, clothed in black buckram, with flowing trains, each carrying a flambeau in his hand. Besides these, one hundred and fourscore penitents engaged my more particular attention. Like the former, they carried each a flambeau, but their dress was singular, somewhat resembling that of the blue-coat boys of Christ's Hospital, London, being a jacket and coat in one, reaching to their heels, made of dark-brown shalloon, with a bonnet on their head, like what is called a fool's cap, being a cone covering the head and face completely, and having holes for the eyes. The design of the

peculiar form is to conceal the penitents, and to spare their blushes. These were followed by twenty others, who, either from remorse of conscience, or having been guilty of more atrocious crimes or for hire, or with the most benevolent intention of adding to the common fund of merit for the service of the church, walked in the procession barefooted, dragging heavy chains, and bearing large crosses on their shoulders. Their penance was severe; but, for their comfort, they had assigned to them the post of honour; for immediately after them followed the sacred corpse placed in a glass coffin, and attended by twenty-five priests, dressed in their richest robes. Near the body a well-chosen band with hautboys, clarionets, French horns, and flutes, played the softest and most solemn music. This part of the procession wanted nothing to heighten the effect. I am persuaded that every one who had a soul for harmony felt the starting tear.'

His Saviour's Words *going to the* Cross.

Have, have ye no regard, all ye
Who pass this way, to pity me,
Who am a man of misery?

A man both bruised, and broke; and one
Who suffers not here for mine own,
But for my friends' transgression!

Ah, Sion's daughters! do not fear
The cross, the cords, the nails, the spear,
The myrrh, the gall, the vinegar;

For Christ, your loving Saviour, hath
Drunk up the wine of God's fierce wrath;
Only there's left a little froth,

Less for to taste, than for to shew
What bitter cups had been your due,
Had he not drunk them up for you.—Herrick.

7.—Easter-day *or* Easter Sunday.

Easter is styled, by the fathers, the highest of all festivals, the feast of feasts, the queen of festivals, and *Dominica Gaudii*, the joyous Sunday. Masters granted freedom to their slaves at this season, and valuable presents were made to the poor.

8, 9.—Easter Monday and Tuesday.

Every day in this week was formerly observed as a religious festival, sermons being preached, and the sacrament administered. In many places, servants were permitted to rest from their usual employments, that they might constantly attend public worship. During fifteen days, of which the paschal solemnity consisted, the courts of justice were shut, and all public games, shows, and amusements, were prohibited: it is unnecessary to observe, that this practice has long ceased, and that the Easter week is usually devoted to relaxation and amusement; this is particularly the case at Moscow and in Catholic countries.

14.—Low Sunday.

It was a custom among the primitive Christians, on the first Sunday after Easter-day, to repeat some part of the solemnity of that grand festival; whence this Sunday took the name of *Low Sunday*, being celebrated as a feast, though in a lower degree.

19.—Saint Alphege.

A native of England, Alphege was first Abbot of Bath, then Bishop of Winchester, in the year 984; and, twelve years afterwards, Archbishop of Canterbury. He was stoned to death at Greenwich.

21.—Saint Dominic.

Found at Paris thirty of his religious followers in the chapel of St. James, and, in consequence of the name of the chapel and the street where it stood, he called them *Jacobins*. This was the origin of an Order which exercised great power over kings. St. Louis had so much love for this community, that he wished to be made a Jacobin. He proposed his design to the queen, and conjured her not to oppose it. That princess immediately sent for her children and the Earl of Anjou, brother of the King; she demanded of the first whether they would prefer being the sons of a priest rather than the sons of a king? And, without waiting for their answer, she exclaimed, 'The Jacobins have worked on the mind of your father, and persuaded him to abdicate the throne in order to become a priest and a preacher.' At these words, the Earl of Anjou expressed his determination to oppose the king and the priests; and the eldest son of the monarch swore by St. Denis, that, if ever he came to the throne, he would drive every mendicant idle priest out of his kingdom. The fanatic passion of St. Louis for crusades brought him to his death, near the ruins of Carthage, fighting against *Mussulmen* in a country where Dido had established the gods of the Syrians. This king extended that religious enthusiasm which depopulated Europe during two centuries.

23.—Saint George.

This illustrious saint, termed, by the Greeks, the 'great martyr,' was born in Cappadocia, of noble Christian parents, and was a Tribune or Colonel in the army under Diocletian. He was beheaded in the year 290. Under the name and ensign of St. George, Edward III, in 1330, instituted the most noble order of knighthood in Europe.

25.—Saint Mark.

St. Mark's Gospel was written in the year 63. The Order of Knights of St. Mark at Venice, under the protection of this evangelist, was instituted in the year 737, the reigning Doge being always Grand Master:—their motto was, '*Pax tibi, Marce, Evangelista Meus.*'

MAY.

May is so called from *Maia*, the Mother of Mercury, to whom sacrifices were offered by the Romans on the first of this month; or, according to some, from respect to the senators and nobles of Rome, who were named *Majores*, as the following month was termed Junius, in honour of the youth of Rome. The Saxons called May *tri-milki*, because in that month they began to milk their kine three times in a day.

1.—May-Day.

Anciently, all ranks of people went out a-maying early on the first of this month. 'The Juvenile part of both sexes, in the north, were wont to rise a little after midnight, and walk to some neighbouring wood, accompanied with music and the blowing of horns; where they break down branches from the trees, and adorn them with *nosegays* and *crowns of flowers*. When this is done, they return with their booty homewards, about the rising of the sun, and make their doors and windows to triumph in the flowery spoil. The after part of the day is chiefly spent in dancing round a tall pole, which is called a *May-pole*; which being placed in a convenient part of the village, stands there, as it were, consecrated to the *goddess of flowers*, without the least violation offered it, in the whole circle of the year.'

The custom of *going a-maying* is now confined wholly to the populace; and the 'milk maids' garland' and 'chimney-sweepers' dance' are the most remarkable features of this annual celebration.

1.—Saint Philip and Saint James.

Philip was born at Bethsaida, near the Sea of Tiberias, the city of Andrew and Peter. He was one of the first disciples, and an apostle. James the Less, called also *James the Just*, and, by the Apostle Paul, *James*, the Lord's brother, was the son of Joseph, afterwards husband to the Virgin Mary, as is probable by his first wife. The first of these martyrs was stoned to death, and the second, having been thrown from a high place, was killed by a fuller's staff.

3.—Invention of the Cross.

The Romish Church celebrates this day as a festival, to commemorate the *invention* or finding of a wooden *cross*, supposed to be the *true one*, by Helena, the mother of Constantine the Great.

6.—John Evangelist, A. P. L.

John the Evangelist was a Galilean by birth, the son of Zebedee and Salome, the younger brother of James, but not of him that was surnamed the Just, and who was the brother of our Lord. Being carried prisoner to Rome, he was condemned to be thrown into a cauldron of boiling oil, but was miraculously preserved, and came out of it alive. He survived to the reign of Trajan, and died about ninety years of age.

12.—Rogation Sunday.

This day takes its name from the Latin term *rogare*, to ask; because, on the three subsequent days, *supplications* were appointed by Mamertus, Bishop of Vienna, in the year 469, to be offered up with fasting to God, to avert some particular calamities that threatened his diocese.

16.—Ascension Day.

From the earliest times, this day was set apart to commemorate our Saviour's ascension into heaven: all processions on this, and the preceding rogation days, were abolished at the Reformation. In London, on this day, the minister, accompanied by the churchwardens, and a number of boys, with wands, walk in procession, and *beat the bounds* of the parish.

19.—Saint Dunstan.

Dunstan was a native of Glastonbury, and nobly descended. He was a skilful painter, musician, and an excellent forger and refiner of metals: he manufactured crosses, vials, and sacred vestments; and also painted and copied good books. He was Bishop of London, and afterwards Archbishop of Canterbury. He died in 988.

26.—Whit-Sunday.

On Whit-Sunday, or *White-Sunday*, the *catechumens*, who were then baptized, as well as those who had been baptized before at Easter, appeared, in the ancient church, in *white garments*; hence the name.

27, 28.—Whit-Monday and Whit-Tuesday.

In 'auntient tymes' Whitson Plays were acted at this season. At Chester, these plays were twenty-five in number, and were performed for above three centuries, annually. In the year 1600, they were *enacted* by the craftsmen of the twenty-five companies, who were all dressed in suitable habits. The subjects were taken from the Scriptures.

Every third year, on Whit-Tuesday, the *Montem* at Eton is celebrated. It consists of a procession to a small tumulus on the southern side of the Bath road, which has given the name of Salt Hill to the spot, now better known by the splendid Inns that are established there.

JUNE.

The Saxons called June *weyd-monat*, because their beasts did then *weyd* or feed in the meadows.

2.—Trinity Sunday.

Stephen, Bishop of Liege, first drew up an office in commemoration of the Holy Trinity, about the year 920; but the festival was not formally admitted into the Romish church till the fourteenth century, under the *pontificate* of John XXII.

5.—Saint Boniface.

Boniface was created Bishop of Mentz in the year 145. He was one of the first priests of his day, and was also a great friend and admirer of the Venerable Bede. He was murdered in a barbarous manner by the populace near Utrecht, while preaching the Christian religion.

6.—Corpus Christi.

This festival, 'the body of Christ,' was appointed in honour of the Eucharist, and always falls on the Thursday after Trinity Sunday. This day, termed the *Fête Dieu*, is one of the greatest festivals of the Romish church, beginning on Trinity Sunday, and ending on the Sunday following.

11.—Saint Barnabas.

Our saint's proper name was *Joses*; he was descended of the tribe of Levi, and born at Cyprus. Being shut up all night in the synagogue by some Jews at Salamis, he was, the next morning, cruelly tortured, and afterwards stoned to death. The *Epistle* which he wrote is considered genuine, though not admitted into the canon of the church.

17.—Saint Alban.

St. Alban, the first Christian martyr in England, suffered in the year 303.

24.—Saint John the Baptist and Midsummer Day.

The nativity of Saint John the Baptist is celebrated by the Christian church on this day, because he was the *Forerunner* of our blessed Lord, and, by preaching the doctrine of repentance, prepared the way for the Gospel. He was imprisoned by Herod for preaching against his marriage with his brother's wife, and was afterwards beheaded by the arts of that enraged woman.

It was formerly customary at Magdalen College, Oxford, on St. John the Baptist's day, to have a sermon preached in the first court. There was a permanent pulpit of stone inserted in one corner, and the quadrangle used to be furnished round the sides with a large fence of green boughs, that the preaching might more nearly resemble that of John the Baptist in the Wilderness. But, as we grow more tender than our forefathers, it has been thought safer to take shelter under the roof of the chapel. It is to this institution that we owe the admirable 'Considerations on the Life and Death of John the Baptist.'

29.—Saint Peter.

This apostle's father was Jonah, probably a fisherman of Bethsaida. Peter was first scourged, and then led out to be crucified upon the hill called *Janiculus*, desiring to be fastened to the cross with his *head downwards*, alleging that he thought himself unworthy to die in the same way as his Lord and Master.

JULY.

This word is derived from the Latin *Julius*, the surname of C. Cæsar, the dictator, who was born in it. Mark Anthony first gave to this month the name of July *Quintilis*, as being the fifth month in the year, in the old Roman calendar established by Romulus. July was called by the Saxons, *heu-monat*, or *hey-monat*, because therein they usually mowed and made their hay-harvest.

2.—Visitation of the Blessed Virgin Mary.

This festival was instituded by Pope Urban VI, in commemoration of that remarkable journey which the mother of our Lord took into the mountains of Judæa, in order to visit the mother of St. John the Baptist.

4.—Translation of Saint Martin.

This day was appointed to commemorate the removal or translation of St. Martin's body from one tomb to another much more noble and magnificent; an honour conferred upon the deceased saint by Perpetuus, one of his successors in the see of Tours. His festival is celebrated on the 11th of November.

15.—Saint Swithin.

Swithin, in the Saxon *Swithun*, received his clerical tonsure, and put on the monastic habit, in the old monastery at Winchester: he was of noble parentage, and passed his youth in the study of grammar, philosophy, and the Scriptures. Swithin was promoted to holy orders by Helmstan, Bishop of Winchester; at whose death, in 852, King Ethelwolf granted him the See. In this he continued eleven years, and died in 868.

20.—Saint Margaret.

She was born at Antioch, and was the daughter of a Pagan priest. She was first tortured and then beheaded in the year 278.

22.—Saint Mary Magdalen.

This day was first dedicated to the memory of St. Mary Magdalen, by King Edward VI; and in his Common Prayer, the *Gospel* for the day is from St. Luke, chap. vii., verse 36. The reformers, however, upon a more strict inquiry, finding it doubtful whether this woman, mentioned in the Gospel, was really Mary Magdalen, thought it prudent to discontinue the festival.

25.—Saint James.

James was by birth a Galilean, and partner with Peter in fishing, from which our Lord called him to be one of his disciples. Of his ardent zeal, no other proof is necessary, than his becoming the victim of Herod Agrippa. The Spaniards esteem James their tutelar saint.

26.—Saint Anne.

She was the mother of the Virgin Mary, and the wife of Joachim her father. Her festival is celebrated by the Latin church.

AUGUST.

Sextilis was the ancient Roman name of this month, being the sixth from March. The Emperor Augustus changed this name, and gave it his own, because in this month Cæsar Augustus took possession of his first consulship, celebrated three triumphs, reduced Egypt under the power of the Roman people, and put an end to all civil wars. 'The Saxons called August *arn-monat* (more rightly *barn-monat*), intending thereby the then filling of their barns with corn.')

1.—Lammas Day.

The name of this day is probably derived from an old Saxon term, signifying *Loaf-Mass*; as it was customary for the Saxons to offer oblation of loaves, made of new wheat, on this day, as the first-fruits of their new corn.

8.—Name of Jesus.

Before the Reformation, this day was dedicated to *Afra*, a woman who had been converted to Christianity by Narcissus, Bishop of Jerusalem, and who afterwards suffered martyrdom; and the Breviary was recognized by Paul V. Afterwards Donatus, who became martyr in the time of Julian, for refusing to sacrifice, was substituted in her place. Our reformers devoted it to the Name of our Blessed Lord.

10.—Saint Lawrence.

St. Lawrence was, by birth, a Spaniard, and treasurer of the Church of Rome, being deacon to Pope Sextus, about the year 259. He was laid upon a gridiron, and broiled over a fire.

15.—Assumption of the Blessed Virgin Mary.

This is a festival in the Greek and Romish churches, in honour of the supposed miraculous ascension of the Virgin Mary into heaven.

24.—Saint Bartholomew.

He preached the Gospel in Armenia, converted the Lycaonians, and afterwards visited India. The Dissenters observe the 24th of August as the day on which the Nonconformist

Ministers were ejected from their livings, and appeal to the Nonconformists' Memorial as a testimony of their wrongs. But the Church also has her memorials to produce in Walker's Sufferings of the Clergy during the Usurpation. On both sides, no doubt, many suffered unjustly; and happy is it, that we live in times when we can think and say so.

28.—Saint Augustine.

Augustine was born at Thagaste, a town in Numedia, in the year 354. He was a judicious divine, and the most voluminous writer of all the Fathers. He died in 430, at the age of 77.

29.—St. John the Baptist Beheaded.

This day was formerly denominated *Festum Collectionis Sancti Johannis Baptistæ*; or, the feast of gathering up St. John the Baptist's relics; but afterwards, by corruption, *Festum Decollationis*, the festival in remembrance of his being beheaded. His nativity is celebrated on the 24th of June.

SEPTEMBER.

September is composed of *septem*, seven, and the termination *ber* like *lis* in *Aprilis*, *Quintilis*, *Sixtilis*. This rule will also apply to the three following months, Octo-ber, Novem-ber, Decem-ber. Our Saxon ancestors called it *Gerst-monat*, 'for that barley which that moneth commonly yielded was anciently called gerst.'

1.—Saint Giles.

Giles, or Ægidius, was born at Athens, but came to France in the year 715. Charles Martel, when hunting, found him in his hermit's cell, and, pleased with his unaffected piety and sanctity of manners, erected an abbey for him at Nismes, of which he was constituted abbot. He died in the year 795.

7.—Saint Eunurchus.

Eunerchus, or Evortius, was bishop of Orleans, and present at the Council of Valentia, A.D. 375.

8.—Nativity of the Blessed Virgin Mary.

A concert of angels having been heard in the air to solemnize this important event, the festival was appointed by Pope Servius about the year 695.

14.—Holy Cross.

This festival was first observed in the year 615, on the following occasion: Cosroes, King of Persia, having plundered Jerusalem, carried away large pieces of the Cross which had been left there by the Empress Helena. Heraclius, the emperor, soon afterwards engaged and defeated him, and recovered the Cross; but, bringing it back in triumph to Jerusalem, he found the gates shut against him, and heard a voice from heaven, saying, that the *King of Kings* did not enter into that city in so stately a manner, but *meek and lowly, and riding upon an ass*. The emperor then immediately dismounted from his horse, and walked through the city barefooted, carrying the Cross himself.

17.—Saint Lambert.

Lambert was Bishop of Utrecht, in the time of King Pepin I; but, reproving the King's grandson for his irregularities, he was cruelly murdered at the instigation of an abandoned woman.

21.—Saint Matthew.

In the year 64 or 65 Matthew wrote his Gospel in Hebrew which was afterwards translated into Greek. After many labours and miracles, he closed his life at Nadabar in Ethiopia, probably by martyrdom.

26.—Saint Cyprian.

He was an African by birth, of a good family, and well educated. He suffered martyrdom under Valerianus and Gallienus, in 258.

29.—Saint Michael.

Saint Michael was an archangel who presided over the Jewish nation, and had an army of angels under his command and conduct; he fought also with the Dragon or Satan, and his angels; and, contending with the Devil, he disputed about the body of Moses. This festival has been kept with great solemnity ever since the sixth century. About this time of the year, in former days it was the custom to elect the governors of towns and cities. On the election of a *bailiff* at *Kidderminster*, the inhabitants assembled in the principal streets *to throw cabbage-stalks at each other*.

The custom of having a 'roast goose' for dinner (seasoned with sage and onions and port wine) on Michaelmas Day, is of every ancient standing; yet the cause why remains unexplained though as Beckwith remarks in his edition of Blount's Jocular Tenures,' it

was now probably for no other reason but that Michaelmas Day was a great festival, and geese at that time most plentiful. Poor Robin, in his Almanack for 1695, has the following lines:—

Geese now in their *prime season* are,
Which, if well roasted, are good fare;
Yet, however, friends, take heed,
How too much on them you feed,
Lest, when as your tongues run loose,
Your *discourse* do *smell of Goose*.

30.—Saint Jerome.

Jerome translated the Old Testament into Latin: this version, now styled the *Vulgate*, is the only one used or allowed by the Romish church. He died in the eightieth year of his age, A.D. 422.

OCTOBER.

This month was called *Domitianus* in the time of Domitian; but, after his death, by the decree of the Senate, it took the name of October, every one hating the name and memory of so detestable a tyrant. It was called *wyn-monat*, or wine-month, by the Saxon.

1.—Saint Remigius.

Remigius is styled the *French Apostle*. After he had held his bishopric seventy-four years, he died at ninety-six years of age, A.D. 535.

6.—Saint Faith.

This virgin martyr suffered death under Dacianus, about the year 290, the most cruel torments being inflicted upon her.

9.—Saint Denys.

St. Denys, or Dionysius, the Areopagite, was converted to Christianity by Saint Paul. The French say that he was the first that preached the Gospel among them, and, for that reason, consider him their tutelar saint.

13.—Translation of King Edward the Confessor.

He was the youngest son of King Ethelred; but as all his elder brothers were either dead, or had fled away, he succeeded to the crown of England in the year 1042. He collected all the most useful laws made by the Saxon and Danish kings. The additional title of Confessor was probably given him by the pope, for settling what was then called *Rome-Scot*, but now better known by the name of *Peter's Pence*.

17.—Saint Etheldreda.

She was a princess of distinguished piety, daughter of Anna, King of the East-Angles, and Hereswitha his queen, and was born about the year 630, at Ixning, a small village in Suffolk. In the year 673 she founded the conventual church of Ely, with the adjoining convent. Of this monastery she was constituted abbess, the monks and nuns living in society and regular order: it flourished for nearly two hundred years, but was destroyed, with its inhabitants, by the Danes, in 870.

18.—Saint Luke the Evangelist.

Luke was born at Antioch, the metropolis of Syria, a place celebrated for the study of the liberal arts. The notion that he was a painter is without foundation, as it is not countenanced by ancient writers. Dr. Lardner thinks that he might have been by profession a physician, as the expression 'beloved physician,' *Col.* iv, 14, seems to intimate. Luke lived a single life, and died in the eighty-fourth year of his age, about the year of Christ 70, probably a natural death.

25.—Saint Crispin.

Two brothers, Crispinus and Crispianus, were born at Rome; whence they travelled to Soissons in France, about the year 303, to propagate the Christian religion. Being desirous, however, of rendering themselves independent, they gained a subsistence by shoemaking. It having been discovered that they privately embraced the Christian faith, and endeavoured to make proselytes of the inhabitants, the Governor of the town immediately ordered them to beheaded about the year 308. From this time the shoe-makers chose them for their tutelar saints.

28.—Saint Simon and Saint Jude, *Apostles*.

Simon is called the *Canaanite*, from the Hebrew word *Cana*, to be zealous: hence his name of *Simon Zelotes*, or the Zealot. After enduring various troubles and afflictions, he, with great cheerfulnes suffered death on the cross.

Jude was of our Lord's kindred; '*Is not his mother called Mary, and his brethren James and Joses, and Simon and Judas?* Matt. xiii. 55. After great success in his apostolic ministry, he was, at last, for a free and open reproof of the superstitious rites of the Magi, cruelly put to death. He has left one epistle of universal concern to Christians.

NOVEMBER.

The Saxons called November *wint-monat*, or wind-month, on account of the prevalence of high winds in this month.

1.—All Saints.

In the early ages of Christianity the word *saint* was applied to all *believers*, as is evident in the use of it by Saint Paul and Saint Luke; but the term was afterwards restricted to such as excelled in Christian virtues. In the Romish church, holy persons, canonized by the Pope, are called *saints*, and are invoked and supplicated by the professors of that religion.

2.—All Souls.

Formerly in Catholic countries, on the eve and day of All Souls, the churches were hung with black; the tombs were opened; a coffin covered with black, and surrounded with wax lights, was placed in the nave of the church, and, in one corner, figures in wood, representing the souls of the deceased, were halfway plunged into the flames.

6.—Saint Leonard.

Leonard, or *Lienard*, was a French nobleman of great reputation in the court of Clovis I. He died about the year 559, and has always been implored by prisoners as their guardian saint.

11.—Saint Martin.

He was a native of Hungary, and, for some time followed the life of a soldier; but, afterwards, took orders and was made Bishop of Tours, in France, in which See he continued for twenty-six years. Martin died about the year 397, much lamented, and highly esteemed for his virtues. The Bishop was once so popular in France that his feast had an *octave*, that is, was celebrated a second time in the week following; and it was a rule among his devotees to *roast a goose* for the family dinner on the day of his anniversary. A medal was struck in France in commemoration of this laudable custom; on one side of which was embossed a *goose*, and on the reverse occurs the word *Martinalia*.

The festival of St. Martin occurring when geese are in high season, it is always celebrated with a voracity the more eager, as it happens on the eve of the *petit carême*, when fowls could no longer be presented on the tables of a religious age. A German monk, Martin Schoock, made it a case of conscience whether, even on the eve of the little Lent, it be allowable to eat goose: '*An liceat Martinalibus anserem comedere?*' After having divided into the weedy pool of the casuist's arguments, the delighted devotee emerges with the permission to roast his goose; and thus the goose came to be a standing dish on the Continent at Martinmas, as in England at Michaelmas.

13.—Saint Britius.

Britius, or Brice, succeeded St. Martin in the bishopric of Tours in the year 399. He died in 444.

17.—Saint Hugh.

Our saint was a native of Burgundy, or Gratianopolis, and died on this day, in the year 1200, of an ague. In 1220, he was canonized at Rome, and his remains were taken up, October 7, 1282, and desposited in a silver shrine.

20.—Edmund, King and Martyr.

Edmund, King of the East-Angles, having been attacked by the Danes in 870, and unable to resist them, heroically offered to surrender himself a prisoner, provided they would spare his subject. The Danes, however, having seized him, used their utmost endeavours to induce Edmund to renounce his religion; but refusing to comply, they first beat him with clubs, then scourged him with whips, and afterwards, binding him to a stake, killed him with their arrows. His body was buried in a town, where Sigebert, one of his predecessors, had built a church; and where afterwards (in honour of his name) a more spacious building was erected, which, together with the town, was named St. Edmundsbury; but it is now called *Bury*. One of the most elegant cemeteries in Europe stands in the centre of two church-yards at Bury St. Edmunds. It is an isolated fragment of the celebrated abbey in which John of Lydgate was a monk, and around it are planted shrubs, trees, and a variety of flowers: a profusion of ivy creeps up the sides of the walls on which are placed two or three monuments.

22.—Saint Cecilia.

Cecilia was a Roman lady, who, refusing to renounce her religion, was thrown into a cauldron of boiling water, and scalded to death. Others say that she was stifled in a bath, a punishment frequently inflicted, at that time, on female criminals of rank. She suffered martyrdom about the year 225. Cecilia is regarded as the patroness of music, and is represented by Raffaelle with a regal in her hand.

23.—Saint Clement.

Clement I was born at Rome, and was one of the first Bishops of that place; this See he held about sixteen years; from the year 64 or 65 to 81. He was remarkable for having written two Epistles, so excellent, and so highly esteemed by the primitive Christians

that the first was for some time considered canonical. Clement was sentenced to work in the quarries, and afterwards, having an anchor fastened about his neck, was drowned in the sea.

25.—Saint Katharine.

This saint was born at Alexandria, and received a liberal education. About the year 305 she was converted to Christianity, which she afterwards professed with the utmost intrepidity, openly reproving the pagans for offering sacrifices to their idols, and upbraiding the Emperor Maxentius, to his face, with the most flagrant acts of tyranny and oppression. She was condemned to suffer death by rolling a wheel over her body stuck round with iron spikes.

30.—Saint Andrew.

Andrew was the son of James, a fisherman at Bethsaida, and younger brother of Peter. He was condemned to be crucified on a cross, of the form of an X; and, that his death might be more lingering, he was fastened with cords.

The Order of the Thistle was instituted by Achaius, King of Scotland, in 787, restored by James V, 1540, revived by King James II, in 1687, and re-established, by Queen Anne, 1702.

DECEMBER.

December was called *winter-monat* by the Saxons; but, after they were converted to Christianity, it received the name of *heligh-monat*, or holy month.

1.—Advent Sunday.

This and the three subsequent Sundays, which precede the grand festival of Christmas, take their name from the Latin *advenire*, to come into; or from the word *adventus*, an approach.

6.—Saint Nicholas.

Nicholas was Bishop of Myra, in Lycia, and died about the year 392. He was of so charitable a disposition, that he portioned three young women, who were reduced in circumstances, by secretly conveying a sum of money into their father's house. A curious font is preserved in the Cathedral of Winchester, the carvings on which are applied to the life and miracles of this saint. The annual ceremony of the *boy-bishop* was once observed on this day.

8.—Conception of the Blessed Virgin Mary.

This festival was instituted by Anselm, Archbishop of Canterbury, because William the Conqueror's fleet, being in a storm, afterwards came safe to shore. The Council of Oxford, however, held in the year 1222, permitted every one to use his discretion in keeping it.

13.—Saint Lucy.

This virgin martyr was born at Syracuse. She refused to marry a young man who paid his addresses to her, because she had determined to devote herself to religion, and, to prevent his importunities, gave her whole fortune to the poor. The youth, enraged at this denial, accused her before Paschasius, the heathen judge, of professing Christianity; and Lucy, after much cruel treatment, fell a martyr to his revenge, in the year 305.

16.—O Sapientia.

This is the beginning of an Anthem in the Latin service to the honour of Christ's advent, which used to be sung in the church from this day until Christmas-eve.

21.—Saint Thomas the Apostle.

Thomas, surnamed, *Didymus*, or the Twin, was a Jew, and, in all probability, a Galilean. He suffered martyrdom in the same city, being killed by the lances of some people instigated by the Brahmins. This is the shortest day, and is, at London, 7h. 44m. 17s.; allowing 9m. 5s. for refraction. There has been a handsome Cathedral erected recently by the Portuguese over the alleged grave of this Saint, at Mylapure, in the Madras Presidency.

25.—Christmas Day.

The feast of our Saviour's Nativity is named *Christmas-Day*, from the Latin *Christi Missa*, the Mass of Christ, and thence the Roman Catholic Liturgy is termed their *Missal*, or *Mass Book*. In the primitive church this day was always preceded by an eve or vigil. When the devotion of the eve was completed, our forefathers used to light up candles of an uncommon size, which were called Christians' candles, and to lay a log of wood upon the fire, called the *yule-clog* or log.

The *turkey* is now the appropriate dish, at the tables of the opulent on Christmas day. Gay, in his Fable of the Turkey and Ant, makes the old turkey say—

> But man, curst man, on *turkey* preys,
> And Christmas shortens all our days.
> Sometimes with oysters we combine,
> Sometimes assist the savoury chine.

Norfolk being the great place for rearing turkeys, the stage coaches from Norwich to London, for some days previous to Christmas-day, take no human passengers, but turkeys only.

> When *rosemary* and *bays*, the poet's crown,
> Are bawled in frequent cries through all the town,
> Then judge the festival of Christmas near,
> Christmas, the joyous period of the year!
> Now with bright *holly* all the temples strew,
> With *laurel* green, and sacred MISTLETOE.—Gay.

26.—Saint Stephen.

Stephen was the first deacon chosen by the Apostles. He was cited by the Sanhedrin, or Jewish Council, for prophesying the fall of the Jewish Temple and economy; and while vindicating his doctrine by several passages of the Old Testament, he was violently carried out of the city, and stoned to death, in the year 33.

28.—Innocents.

The slaughter of the Jewish children, by Herod, is commemorated on this day. The festival is very ancient, for Tertullian and Saint Cyprian call these Innocents martyrs, and Prudentius has written a hymn upon the subject. *Childermas* day is another name for this feast. The lower orders think that every thing done on this day must go wrong. John Moody in Vambrugh's play of the 'Provoked Husband,' imputes all the evils which befal the wrong-head family on their journey to London, to their setting out on Childermas day: *But my leady was in such main haste to be here, that set out she would, thof I told her it was Childermas day.*'

31.—Saint Silvester.

He was Bishop of Rome, and succeeded Militiades in the papacy in 314. Silvester is accounted the author of several rites and ceremonies of the Romish church, as asylums, unctions, palls, corporals, mitres, &c. He died in 334.

NATIVE FESTIVALS, FEASTS, AND OBSERVANCES.

HINDU FESTIVALS, &c.

The Hindu festivals are so numerous, and the observances of them are so intricate, that it is often bewildering to endeavour to describe them. The writers of the Hindu legends have set such enormous merit on the observances of each of them, as to surpass all human comprehension, and unhesitatingly say that those observances themselves will secure heaven.

Pongal Pandagai.—On this day (6th of Paush Vady) the sun enters the sign of "Makar"—a monster having the head and four legs of an antelope, and the body and tail of a fish corresponding to Capricorn. It occurs on the 1st of the solar month Magh. Great rejoicings are held among the Hindus, but particularly among the Brahmins, on the feast of Makar Sankranti. From this day, when the sun reaches the most southern, till the time of his arriving at the most northern point of the Zodiac, is called Uttarayana, and the time from his leaving the northern sign "Karka" or Cancer till he again returns to Makar is called Dakshinayana. The days of Uttarayana are reckoned lucky, and those of Dakshinayana unlucky. During the days of Dakshinayana, it is said, the gates of heaven are shut, and in the Uttarayana they are open. For the good to die in the Uttarayana is considered more blessed, because they are said to get immediate entrance into heaven, but if they die in the Dakshinayana, they have to wait outside the gates till the Uttarayana sets in. In Uttarayana Munj—the ceremony of investing youths with the sacred triple thread—and marriages are celebrated. On the day of Makar Sankranti, just at the time of the sun's entrance into the sign, the Hindus go to the sea, accompanied by a Brahmin priest, to bathe; there they rub their bodies with tila or sesamum seed, the favourite grain of the sun, and wash themselves in the manner prescribed in the Shastras. The Brahmin then repeats certain incantations suited to the occasion, and closes the ceremony by receiving adoration and a present of money for himself. On their return home they invite Brahmins, present them with cups of bell metal filled with tila seed, and with money, according to the ability of the Yajaman or worshipper; some present copper pots, new dhotars, umbrellas, &c., and the whole family receives benediction from them which is done by the Brahmins repeating certain words, and throwing on their heads a few grains of red-coloured rice. After the performance of this ceremony, they go to take their meals, which consist of sweetmeats. They invite their friends and relations to dinner; and towards evening they wear new clothes, gold and other ornaments, and frequent the houses of their friends and relations, distributing tila seed mixed with sugar. At the time of putting the tila into the parties' hands they repeat these words: "Receive these tila seeds mixed with sugar, and be friendly with me throughout the year." All the praise and prayers offered this day are to the sun, and to no other god. The second day of Sankrant is named Kar, and is generally celebrated by the women making small presents among those of their own sex.

RATHASAPTAMI (from *Ratha*, a car; and *Saptami*, 7th day of the month) is the 7th of Magha Shuddh, and is dedicated to the worship of the sun. This day is the beginning of the Manvantara, or period embracing the Reign of Manu, of which fourteen govern in succession during each *Kalpa*, or grand period of creation and destruction. The present age is the 7th Manvantara of this Kalpa; and at the commencement of this period a new sun is supposed to have mounted his chariot.

MAHA SHIVABATRI.—A celebrated festival in honour of Shiva, held on the 14th of the Krishna-paksh of Magha, during which the Linga or Phallus is worshipped. Vady Chaturdashi, or the 29th of every month, is kept sacred by the votaries of Shiva, and especially by women, but Magh Vady Chaturdashi has obtained the peculiar epithet of Shivaratri, or the great night of Shiva. The Hindu legends account for its celebrity among the rest of Shivarataris in the following manner:—In time immemorial, an archer of wicked and licentious habits went into a forest on this day to shoot deer. He spent the day in pursuit of game, but, on a sudden, night came on, and he was left at the mercy of the wild beasts. When he found himself in such a condition, he had recourse to a Bel or Bilva tree to secure himself from their attack. Having got into the tree, by way of relaxation, or to get a clearer view, he broke off all the branches that hung around and above his head, and flung them down: the twigs fell on a Linga of Shiva near the foot of the tree, and Shiva was so pleased and satisfied by the accidental worship, that he forthwith sent a viman or heavenly chariot, and took the hunter into Kailas, his own abode, with acclamations of joy. To commemorate the entrance of this archer into Kailas, the Hindus observe a fast this day and worship Shiva in hopes of obtaining a like reward. His votaries fast and at night repair to the temples of Shiva accompanied by a Brahmin priest, who performs puja by repeating incantations; first he pours water over the Linga and washes it, and then he decorates it with choice flowers. When this is done, the priest takes his sacred book wherein Shiva's thousand different names are written, and reads the names, and the Yajaman—the worshipper—flings a leaf of the Bilva or Bel over the top of the Linga at each name. This kind of puja is performed four different times, and thus no sleep is obtained the whole night. This is styled the puja of the four Prahars or watches. It commences about 8 P.M. and ends at 5 A.M. The pagodas of Shiva are thronged by devotees. Some persons engage twelve Brahmins, others four, &c., according to the abilities of the Yajaman, to perform the puja. The Brahmans must be liberally paid for their labours.

HOLI PANDAGAI (Sanskrit—HOLIKA or PHALGUNOTSAHA).—This most popular festival, called also Dola or Dolayatra, or the swinging festival, is supposed by Sir W. Jones to relate to the vernal equinox, and to be similar to the Persian Nacrus. It commences fifteen days before the full moon of Phalgun, and its ceremonies are chiefly attended to in Konkan from Phalgun Shuddh 12 to Vady 1, and in Desh from Phalgun 15 to Vady 5. It is held in honour of Krishna's sportive swinging. It is kept as a complete saturnalia. Red powders are daubed upon the image of the god, and thrown and squirted by his worshippers on each other, while females are insulted by exclamations and jests of the most ribald and impure description; persons are sent on bootless errands; and the dance of drunken devotees in commemoration of Krishna dancing with the Gopis, or female cowherds, crowns the scene. The wheaten cake which is placed on the pile lighted in every village at the close of the festival, on the 15th of Phalgun Shuddh, is called Holi, and the right of first offering it is considered as an honorary privilege. Neither the origin of the festival, nor the obscene manner in which it is observed in Western India, can be described. Nor is the observance of it confined to the lower classes of the native community—the highest join in it with the same zest as the lowest. This festival nominally continues from the new to the full moon; but only a few of the last days are practically and openly devoted to it. From one of the names of the month in which it occurs it is often called Shimga.

HINDU NEW YEAR:—The Hindu's astronomical year is sidereal. It is called *Samvatsaradi*—the first day of the year or the *Vishu-chaitravishu*—the equinoctical point of Aries, into which the sun enters at the vernal equinox. This event generally falls on the 12th April and is considered by the Hindu a *punyakala*—holy occasion. So on New Year's Day the Manes and Gods are propitiated by offerings of *tarpana*—oblations of water—and other allied ceremonies. In other respects, New Year's Day is a day of feasting.

Though thus the astronomical Hindu year falls on the 12th April, New Year's Day is observed on different days by different sects of Hindus, according as they happen to follow the lunar, the luni-solar or solar calendar. The Tamils follow the solar, and their year is thus the sidereal year. The Telugu and Canarese follow the *Chandramana* reckoning, and their year is luni-solar, which begins earlier than 12th April. The Malayalis follow the Tamils, though their *Kollam andu*—which is more an agricultural year—begins about the middle of September, when the sun enters the autumnal equinox.

On New Year's Day the elderly people—males and females—take a sacred bath in holy rivers or the sea, whichever happens to be nearest. The males propitiate the Manes and the deities; children appear in their holiday dress and jewels. The nearest temple is attended and the god in it is worshipped. In some families children and other members receive new cloths. A sumptuous meal is cooked in every house and poor relations are always cordially invited to the feast. At evening time the *Panchanga* or the Calendar of the New Year is read out and expounded by a holy Brahmin. Several people assemble to listen to this exposition. At the end of this ceremony, *attar*, *pansupari*, and dessert are distributed. Sometimes a short entertainment of music is also added to this ceremony. The whole day is spent more or less in mirth and festivity and a light supper closes the day's proceedings.

In Malabar, the New Year's Day's festivities are observed on a very grand scale. On New Year's eve all the gold coins available in the house, all gold jewels, all kinds of auspicious fruits and flowers and everything considered to be good to look at are placed in the room set apart for the worship of the family god. The Karnavan, who is the head of the family, first opens this room between 4 and 5 on New Year's morn and worships with a lighted lamp in his hand all these articles. Then every member of the house one after the other goes to the front of the room with his or her eyes shut and opens them when arrived at the proper spot to take a sight of the auspicious articles collected. The Karnavan—head of the family—presents each with something or other,—coins, jewels, flowers, fruits, etc. This is the chief difference between the Malayalis and other Hindus as regards the observance of New Year's festivities. And every Hindu takes care to see an auspicious sight on the New Year's morn, whether he is a Malayali or other Hindu.

SRI RAMA NAVAMI from *Ram*, the 7th incarnation of Vishnu, and *Navami*, the 9th day of Chaitra Shuddh). On this day, it is said, Ramachandra, the 7th incarnation of Vishnu, was born at Ayodhya or Oudh, about B.C. 1400. It is celebrated from the 1st of Chaitra Shuddh to the 9th. The object of the incarnation, it is said, was to effect the destruction of Rawan, the ten-headed tyrant of Lanka or Ceylon, which was at last done with the assistance of Hanuman, the chief of the monkey tribe. On the first day, the temples of Rama are white-washed, and illuminated in the evening, and the image of Rama is adorned with costly ornaments. In the evening the "Ramayana," or legendary history of Rama, is read in the temples, and in the night "Kirtan" is preached by the "Haridas," who describes the so-called morality and heroic actions of Rama. The red powder called *gulal* (composed of barley meal or rice paste, or the *Trapa natans*, dyed with *bakam* or sapan wood) is thrown about. Nautches are not omitted during the nights. In some temples Brahmins are fed with rich and substantial dinners for eight successive days; these days are called Rama Navaratra, or nine nights of Rama. Many Hindus, both male and female, go to the temples of Rama to hear the Kirtan and Purana. The last or principal day is Ramanavami, when, it is said, Rama became incarnate at noon. In honour of this incarnation, some Hindus fast the whole day. They get up in the morning, wash themselves, and put on rich clothes and ornaments, and repair to the temples of Rama at about nine o'clock. Every temple of Rama is well furnished on this day, and the images are decorated with precious ornaments and rich brocade. A Haridas is engaged to describe the birth and circumstances that attend his incarnation. He continues his discourse till twelve o'clock, when he brings a small image of Rama nicely ornamented and well clad, and shows it to his audience, telling them that it is Rama who became incarnate; he then puts it into a small cradle prepared for the purpose. The assembly then throw themselves prostrate before the image and worship it. Great is the rejoicing and acclamation on this occasion; they fling gulal on each other; and with great mirth, at about one o'clock, they go home, to return to the temples in the evening. The feast of Ramanavami is more particularly observed by the votaries of Vishnu.

NAGA PANCHAMI is sacred to certain demi-gods called *Nagas*, in the form of serpents, and is celebrated on the 5th of Shravan Shuddh. Ceremonies are performed on this day to ensure protection against the bites of snakes. The serpent Kali, said to have been slain by Krishna, is worshipped at the festival.

GOKULA ASTAMI (from the *Janma* birth, and *Ashtami*, 8th day of the dark-half of SHRAVAN).—Instituted in commemoration of the birth of Krishna as the son of Vasudeva, which is said to have taken place at midnight in the city of Mathura, on the 8th of Shravan Krishnapaksh. Krishna is reckoned the 8th incarnation of Vishnu, in which, according to a large sect of Hindus, was manifested a greater portion of divinity than in any of the preceding ones. His mother's uncle, Kans, king of Mathura, who, it was predicted by Narada, would be slain by one of his own family, endeavoured to ensure the destruction of the infant god by placing guards over his pregnant niece, Devaki; but the child was preserved from this and other attempts of his relations, who had given directions for slaughtering all newly-born infants. This holiday is considered one of the greatest among the Hindus, and is observed by almost all the community; there are two sects among the followers of Krishna, and they solemnise the facts on different days. Those belonging to the one keep the eight days of the dark moon and those belonging to the other the day following—being the one on which he was removed to the house of Nanda, the cowherd, in Gokul or Vraja, from fear of his maternal uncle, who sought his destruction; and some even keep both days. The former fast on the day of Janma Ashtami and the latter on the day of Gokul Ashtami. Whichever day is kept, they fast the whole day, that is, abstain from their usual food, but they may eat Phalahar consisting of fruits and certain kinds of grain—rice and other grain being prohibited on this day. At night they bathe and worship an image of the infant Krishna, adorning it with tulsi or basil (*Ocymum sanctum*), a favourite plant of Vishnu, and other flowers, in the manner enjoined in the Shastras; and

after midnight they eat their food. Next day a Brahmin is called in to perform the puja, and afterwards he himself is worshipped and sent away loaded with dakshana and other presents. The holiday is thus observed among the people of the higher castes. On the day of Gokul Ashtami gavails (or keepers of cattle) hold a great jubilee among themselves as Krishna is said to have been bred up among their race. They join themselves, into a company, and frequent the houses of the people who follow their profession, holding each other's hands and dancing in the street, and repeating the word "Govinda," "Govinda," when they are honoured either by throwing curds over them or presenting them with curd. These people are Gopals—protectors of cows. On the night of Janma Ashtami crowds of people, generally of the lower ranks, flock to the temple of Kandhoba, which is commonly known by the name of Matth. There they hear native music, and continue shouting and making a great noise. The Bhagat of Kandhoba, or the head of the temple, who is very often of the Shudra caste, and who is considered a supernatural being, at least at the time, with great solemnity and grave countenance, makes his way through the assembly accompanied by the playing of tom-toms and acclamations of joy from his disciples, and standing before the shrine of Kandhoba, offers prayers to the idol, which is richly decorated on the occasion. He is at first calm, but shortly affects to show signs of inspiration by the god. He begins to untie his *shendi*, or the tuft of hair on the crown of his head, and then slowly shakes his limbs. By degrees his whole frame quivers, and he throws his body into violent contortions, dancing and muttering strange, ambiguous, and wild sounds. He then takes his scourge, which is kept near the shrine, and scourges himself as if he were insane, and performs many other equally strange actions. No sooner does the assembly around see him thus, than, believing that the spirit of the god has entered into him, they burn incense before him and fall prostrate, and pray to him to be merciful to them. When he has received divine homage, he quietly takes his seat, but does not cease quaking and trembling. His disciples, who are always near him, then commence one after another to shake themselves and dance in the same way, and the spirit of the god is believed to enter them also. This day the great Bhagat can create new disciples, and give them the power of bringing the spirit of the god into their bodies. Sick persons, persons supposed to be possessed of devils, children, &c., are brought to the temple to receive the benediction of the Bhagat and his disciple; he rubs ashes on their foreheads, passes his hand over their heads, and gives them full assurance of speedy recovery from their sickness without any medicine. The poor patient with full confidence returns home, expecting the fulfilment of the Bhagat's promise. The Bhagat receives large persents on this occasion from his followers. He is held in great respect among the orthodox Hindus, and even among the people of other tribes. On the following morning the Bhagat collects his diciples in front of the temples, and orders a sufficient quantity of curds to be thrown over their heads to wet their whole bodies; then they all begin to dance in company, holding each other's hands, and occasionally throwing themselves on the ground and besmearing their bodies with mud, shouting as loud as they can. The Bhagat, in the meantime, with a scourge in his hand and with all pretended dignity, stands in the midst, and, looking in all directions with feigned solemnity, lifts up his scourge, and putting it round the neck of one of his disciples as a token of his regard, draws him towards himself, when the disciple trembles a little and then stands still, stretching his hands towards the sky, with his eyes closed. No sooner does he do so, then the Bhagat scourges him two or three times so adroitly that it gives him no pain, while to the eye of the spectator it appears a prodigy that he does not feel it. This is repeated with the whole body of his disciples, and when he ceases, sweetmeats are distributed among them and to the spectators. This terminates the feast of Gokul Ashtami among the people of the Shudra caste.

Pillayar Chavuthi.—On this day was born Ganapati, or Ganesh, who is regarded as the God of Wisdom, who removes obstacles, and is invoked at the commencement of all undertakings. The manner of his birth is differently told. One story relates that as the god Kritikavirya was created by Shiva without connubial assistance, in like manner Ganapati was formed by his consort Parvati from the turmeric and oil scraped from her body while bathing. The loss of his human head and the substitution of that of a female elephant with one tusk are also variously explained. By some, his head is said to have been cut off by Shiva when he endeavoured to prevent the god from entering the chamber of Parvati when performing her ablutions. According to others, it was reduced to ashes by a glance from the eyes of Shani, when all the goods wet to look at the newly-born child, and its place supplied by that of the animal first found, which happened to be an elephant. Clay images of this deity are formed, and after having been worshipped, mostly for two days, or for nine or ten days, are thrown into the water. The Chinchwad (properly Deva) mangod, who resides at the village of that name near Poona, is supposed to be an incarnation of this god, who granted to a holy Gosavi, or ascetic, named Moroba, who lived in the time of Sivaji, and had won his favour, that he would continue in human shape in his family for seven generations; and though Dharnadhar, the seventh in descent from Moraba, died without issue, the deceit is perpetuated by the Brahmins from self-interest? It is commonly said among the Hindus that the Shastra enjoins on its followers the worship of Mrittika (earth) in the following forms three times a year. The first of them is Nagpanchami, on which day a snake of clay is made and worshipped; the second is Gokul Ashtami, when a clay image of the infant Krishna is made and worshipped; and the third and

last is Ganesh Chaturthi, on which day a clay image of Ganesh is worshipped. This being the last day of the worship of Mrittika, it is observed with greater pomp and more ceremonies, conviviality and music than the other two. The image worshipped on this occasion has four hands and an elephant's head. The mouse, being Ganapati's favourite vehicle, is sometimes placed beside his image, richly saddled and bridled. The image of Ganapati is either made in the house or purchased from an artist; it is gilt with the finest gold, and painted with superior and variegated colours; and much labour and ingenuity are bestowed on it by some to render it elegant and attractive, according to the taste and pecuniary means of the worshipper. The 4th of Bhadrapad Shuddh is the period appointed for the celebration of this feast in honour of his birth. On the previous day the worshipper cleans and white-washes his house, and furnishes it with all sorts of costly furniture that he can procure. The profusion of lights is the first thing that would attract the eye. On the following morning, *i.e.*, on the day of Ganesh Chaturthi, they bring the image home (if it is bought) with great display accompanied by native music, and with all the honours of a god. A place where his godship is to be seated is prepared, either in the form of a covered shrine or open space, which is adorned with fruits and flowers strewed round it, and twigs and trees hung over it in clusters, after which commences the business of the officiating priest. He sits near the master of the house and begins consecrating the idol by reciting incantations or mantras from his book, and throwing over it red-coloured rice. After performing many consecrative ceremonies, he pretends to bring the god into the image. Being installed, the devotee places before him Naivedya (food), which consists of sweetmeats, and invokes the god to partake of the offering. Afterwards he falls before him and prays him to be gracious to him and his family. By the generality of the people Ganapati is kept one day and a half; but by some five or ten days, according to the wealth and wish of the proprietor. A discourse is delivered in commemoration of his exploits by a Haridas in his presence, at which friends and relatives are invited to attend. A large party of Brahmins are entertained at a sumptuous dinner in honour of Ganesh, and then dismissed with the usual dakshina. On the last day preparations for his departure are made. Evening is the time appointed for parting, when the master of the house performs Uttarpuja through the priests, who take away the pretended divinity with which the image was invested by repeating certain mantras. Flowers, fruits, and sweetmeats are offered to the idol; *arti*, that is, lighted wicks, are moved before him, accompanied with music and hymns, and he is invoked to bless the owner of his family and remove any calamity that may befall them throughout the year. Afterwards the Brahmins are presented with dakshina and the image is seated in a palanquin or ark expressly made for the purpose, adorned with fresh flowers, and carried to the sea or a tank in procession, which consists of the master of the house, his children, and relatives, attired for the occasion. When they reach the place, they take out the image and commit it to the water, with expressions of regret for its absence till the next year. There is a legend that one day Ganapati while riding on his favourite mouse, had a fall, at which the moon laughed. Enraged at such an insult, the god of prudence cursed the moon and all who should look at her; but afterwards amended the matter by restricting any from looking at her on his birthday. Thus, on the day of Ganesh Chaturthi the Hindus are prohibited by the Shastras from looking at the moon, and are afraid to look at it this evening lest they should incur any calamity during the year; and if by any accident they happen to see it, they try to provoke their neighbours to revile them, and comfort themselves with the idea that the calamities incurred will be all comprehended in the abuse, and removed by it.

Anantha Chaturdasi is kept on the 14th of Bhadrapad Shuddh in honour of the god Anant. An Anant Dora, as it is called, made of gold lace and silk so formed as to be tied round the elbow, is bought and worshipped. This day is not much observed.

Ayuda Puja, (ten days).—This festival is held on the 10th of Ashwin Shuddh. It is called Durga Puja or Durgotsova, and is supposed to relate to the autumnal equinox. On this day, in commemoration of the victory of Devi, the wife of Shiva, over the buffalo-headed demon Maheshasur, her image, after having been worshipped for nine days, is thrown into the water. On this day also Rama marched against Rawan, the demon-king of Ceylon, on which account the Marathas seem to have selected it as a proper period for commencing their plundering excursions. Early in the morning, the Hindus, having washed themselves, perform the puja of their household gods in conjunction with that of all their shastrical grunths or religious books. Marathas and Kshatriyas, or those who consider themselves of the military race, worship the implements of war, and ask protection of them throughout the year, under a conception that to the propitiousness of the sword they owe every prosperity. At noon they take dinner in company with their relatives. In the afternoon they go to the temples in procession with friends, relatives and children. At Bombay, Mambaderi and Bhuleshwar are the principal shrines. Both of these places are thronged by Hindus, bearing each in his hand flowers and a branch of the *Apta or Palas* tree *Butea frondosa*), which is regarded as representing *sona* (gold) and is held highly sacred and indispensable in commemorating this day. On entering the temple, they offer the *sona* and flowers to the image, accompanied with a prayer. They also give dakshina to the Brahmins. On returning home they visit their

friends and relatives, present them with a leaf or two of the imaginary gold, concluding with an embrace, and receive similar treatment in return. The vicinity or front of the temple is surrounded by the vendors of *sona*, who arrange themselves with baskets full of branches in bundles. At night an illumination is made. This day is considered by the Hindus most auspicious for sending their children to school. The nine preceding days of the Dasara are called *navaratra*, a compound word for 'nine nights.' During these days the devotees of Durga engage a Brahmin to read hymns before her image, in which her exploits are extolled and her rewards to her votaries described. On the ninth day at every temple of Durga, Havan or sacred fire is created, and fed with rice and clarified butter and adored by repeating certain mantras. It is customary among the Bania women to keep up a dance during these nine nights, called Garba, which is accompanied with religious songs. The celebration of the Dasara is also said to owe its traditional origin to the Pandavas, the five sons of Pandu having selected this day, after completing their exile of twelve years, as an auspicious one for making preparations for the tremendous war with their paternal cousins, the Karnavas, of which the Mahabharata gives an account, occupying the whole volume. The Hindus decorate their horses with flowers round their necks. It is said that Parth, the most invincible of the five Pandavas, who are pre-eminently skilled in the art of chariot fighting and had a peculiar fondness for horses, from their being great auxiliaries in battle, washed his favourite milk-white horses, put garlands of flowers round their necks, and patted them with his own hand in token of fondness and approbation. Owing to this legend, it seems, the decorating of horses with flowers on this day is observed.

Dipavali (*Dipa*, a lamp, and *Avali*, a row), "the feasts of lamps," is a festival on the new moon of *Kartik*, celebrated in honour of the goddess Kali, or Bhawani, who was formerly propitiated by human sacrifices, and of Vishnu's victory over the demon Naraka. The festival, however, seems to be more peculiarly consecrated to Lakshmi, or the goddess of prosperity. The feast begins on the 13th day of Ashwin Vad, termed Dhanatrayodashi (from *Dhan*, wealth; *Trayodashi*, 13th), and sankers now count their stores and perform puja to their wealth. It is celebrated for a period of five days, during which houses are cleaned, whitewashed, and illuminated; a quadrangular floor called Ranguli is made in front of the house and painted with different coloured powders. Gambling is vigorously carried on, and is the chief recreation of the feast. All the treasure in the house is collected and worshipped under the name of Lakshmi, the goddess of wealth; a light is made and dedicated to Yama, the god of the infernal regions: and every preparation made for the succeeding morning. Fireworks, crackers, spouters, &c., are displayed. The 14th is Narak Chaturdashi (*Narak*; *Chaturdashi*, 14th), on which Vishnu is fabled to have killed Narakasur, a giant, and entered his city early in the morning, when the people illuminated the city and received him with great joy and acclamation; and the women, having adorned themselves, went before him with lighted lamps. The Hindus keep this day to commemorate this great conquest. They get up early in the morning, fill the house with lights, rub their bodies with perfumed ointment, and bathe themselves with hot water. No member of the family is left unbathed, new clothes and ornaments are put on, and the children are decorated. This done, the mistress of the house performs a sort of ceremony called *Arti*, placing wicks either in silver or brass dishes, symbolical of the removal of all their difficulties, and of a happy year, when each male member makes her a present of money. Sweetmeats are distributed and friends are invited to dinner. The 30th Amavasya, or the last day of the moon, is the day of Sarasvati, the goddess of learning, the same as Lakshmi, the goddess of wealth. It is known by the name of Vahipulan, or the worship of the shop records. This day the Vikramaditya Samvat year ends. All the merchants close their accounts this evening. New journals, ledgers, and day-books are brought and worshipped through a Brahmin priest; new entries are made in the account-books; writers are sent to different shops with money to credit in their names on this auspicious evening; Sarasvati is invoked to render the following year prosperous, and to be with them throughout it; then the Brahmins are sufficiently paid for their labours, and the servants receive a present of money according to their rank. This day is celebrated by all classes of people—Banians, Parsis, Muhammadans, &c.

Vishnu Deepum is the full moon of the month of Kartik. On the fifteenth of this month as well as of Magh, Asaadh, and Vaishakh, which days are called "Dhanumasya Kuru," gifts to Brahmins are considered indispensably necessary. Shiva is said to have gained his victory at this season over the monster "Tripurasura," the demon of the three cities. The demon is said to have become so powerful that he defeated almost all the gods and drove them out of their habitations, when they went to Kallas, the abode of Shiva, and represented to him their grievances. Shiva assured them that the evil would soon be removed, and sent them back to their homes. He made a car of the earth, the wheels of which were the sun and moon; Brahma was chosen his charioteer, the mountain Himalays formed his bow, and Walsuki, the king-serpent, his bow-string; Vishnu himself became his quiver. Thus equipped, Shiva rode out, and, after a struggle, destroyed the mighty giant. To perpetuate the memory of this event, the Hindu women get up in the morning about two o'clock, wash themselves in cold water, repair to the temple of Shiva, and worship his image. Afterwards they return home and present a Brahmin with a

lighted lamp, made either of silver, copper, or brass, according to their ability, along with some fruits and dakshina—a present in hard cash; this is called Dipdan, or present of a lamp. In the evening an illumination is made in the temples of Shiva, and a pillar of stone is built in front of each of them for this special occasion. A great fair is held in Bombay at Walkeshwar, and kept up for three days. The Hindus, both rich and poor, Brahmans and Sudras, go there to worship the image of Shiva, and buy sweetmeats and toys for their children. Some of the wealthy Hindus remain their with their families for three or four days in the Dharamsalas or inns built by them; but the poor return the same evening. During these days hundreds of rupees are uselessly spent in hiring conveyances and purchasing sweetmeats and toys.

Hindu Birth Ceremonies.

Different ceremonies are prescribed by the Shastras to be observed at the period of conception and in the different stages of pregnancy. "Jat-Karan" is to be performed at the birth of the infant, and consists in giving it a drop of honey out of a golden spoon before dividing the navel of string. When a father first sees his son, he is required to take a piece of gold in his hand, offer a sacrifice to Brahma, and smear the forehead of the child with *ghi* left on his fingers on finishing the sacrifice. A string of seven or nine threads and five blades of *Darbha* grass is to be bound by the father round the child's wrist. Other rites are to be observed on naming the child twelve days after birth—on bringing him outside of the house when three months old—on feeding him with the hand at six months—and, if a male, on shaving his head at the age of three years.

Hindu Marriage Ceremonies.

Among the Brahmans the male may be married at any time after the "Munja" or investiture with the sacred thread, which is done within the age of eight years, and among the other two castes, Kshatriyas and Vaishyas within the age of sixteen. The female should not be ten years old, and her age must be less than that of her husband; and she should be married before the appearance of the signs of puberty. The Shastras mention eight kinds of marriage, but only one is observed by the higher castes, named "Brahmo," when the charges are severally incurred by the fathers of the parties. The principal marriage ceremonies among the Brahmins are Vag-dan or bethrothal; the *tagnapatrika*, or writing, by the Joshi or astrologer, of the names of the parties, and the day and hour at which the wedding is to take place; the *saptapadi*, or walking round a fire three times, taking at each time seven steps, and tying together the garments of the parties, and the "*hom*," or burnt-offering, after which the contract is indissoluble. The girl is given away by her father in his own house, in which it is usual to remain till the appearance of the signs of puberty, after which she proceeds to the residence of her father-in-law, where her husband also resides, or to that of the latter, should it be otherwise. Particular months and junctions of the planets are prescribed for the celebration of marriages in different castes; also the same castes in different provinces have their peculiar ceremonies. *Phaloshobhana* is the performance of ceremonies of the occurrence of the first menstruous symptoms.

Hindu Death Ceremonies.

On the death of a man the performance of his funeral obsequies (*Kriyas*) and of the monthly and annual purification ceremonies devolves on his heir. The principal times for performing "Shraddh" are eleven days after death; secondly, every month; and thirdly, on the anniversary of the death. Brahmins are only unclean for ten days after the death of a relation, the military class for twelve, the mercantile for fifteen, but Sudras for thirty. Among the Hindus generally the body of the deceased is burnt, but that of an infant under two years of age is buried. The "Shraddh" consists in the offering of rice, flowers, water, &c., to the deceased and to his manes, in order to enable his soul to ascend to the heaven of the Pitras, or great progenitors of the human race.

MUHAMMADAN FESTIVALS, &c.

Miraj-i-Muhammad.—In commemoration of the alleged ascension of Muhammad, when the angel Gabriel mounted him on Burrak and conveyed him to heaven. The ascent is referred to in the 17th Sura of the Koran. It is held on the 26th of Rajab, though Katib-ul-Wakidi says the Miraj happened on the 17th Ramazan.

Shaba Barath, or 'Night of Record,' is one of the three lesser *I'ds*, and is held on the 15th Sha'aban, when they say the actions of men for the ensuing year are recorded. It is passed in mirth with illuminations and fireworks. The whole night should be spent in reading the Koran and a fast observed next day.

Ramazan-ka-Rozah.—This Muhammadan fast commences from the morning after the new moon of Ramazan is first observed, and is observed each day throughout the month of this name from 4 A.M., or when the first streak of light borders the eastern horizon, till the stars are clearly discerned in the heavens. During the whole period not the slightest particle of food, not a single drop of water or any other liquid, should pass the lips. Every day during the fast is passed in occasional prayers, besides the usual *namaz*, and in reading the Koran or the lives of the prophets. The fast is first broken by a cooling

draught, called Dandhi, the same which is used in fevers. It is composed of the seeds of lettuce, cucumber, and melon with coriander, well pounded, and afterwards diluted with cold rose-water, sugar, syrup of pomegranate, and kurat are also added: the whole preparation is made in the zenana, and then drunk by cupfuls by all true Rozedhars.' Plain boiled rice with dahi (sour curd) and sugar forms the first morning's repast of the *'Id*; and dried dates are eaten with it, in remembrance of the prophet's family, whose greatest luxury was supposed to be the dates of Arabia. On the 21st and 22nd the Shiahs celebrate the night of Ali, the nephew and adopted son of Muhammad, who is said to have died on one of the two nights. They perambulate the streets, carrying a *tabut* and beating their breasts. The night of the 27th is called *Lailat-ul-Kadr*, or 'night of power,' because it is said the Koran descended from heaven on that night. It should be observed as a vigil. On this night the Ghair Mahdis, or the Pathan sect, who assert that the 12th Imam, Mahdi, has come and gone, used to have encounters with the Sunnis and Shiahs, and those killed were supposed to be rewarded as martyrs.

'Id-ul-Fitr.—"The festival of breaking fast," called also *Ramazan ki 'Id*, and "the feast of alms," is celebrated on the first Shawal. On this day Muhammadans are required to bathe, put on new clothes, apply antimony to the eyes, and perfume themselves; then distribute the *fitr* or *sabkah*, which is 2½ seers of wheat, dates, or any grain used for food, given to the poor or religious mendicants. All then proceed to the *'Idgah*, repeating "God is Great. There is no God but God." The Mulla ascends the *mimbar* or pulpit, and after a short thanksgiving reads the *Khutbah* or Friday sermon. He then descends to the lowest step (which with the Shiahs is the third, but the fourth with the Sunnis) and recounts the virtues of the king, and prays for him. Then a general prayer is made, and the congregation rise with a shout of *Din!*—"Faith!" and fire off muskets. The evening is spent in rejoicing and merriment. In every house the same dainties are provided; every amusement that can be thought of is indulged in; the match women in the apartments of the men, and the *domni* (a class of singers who exhibit before females only) in those of the women are in great request on the last day of Ramazan, when the matron of the mansion sits in state to receive nazurs from inferiors to grant favours to others.

Bakri-'Id, or 'Id-i-Kurban (Ar. *Bakar*, 'a bull;' *Kurban*, 'a sacrifice').—This is a feast held on the 10th Zil Hijjah, in honour, it is said, of Abraham's intention to offer up Ismail, who, they aver, was chosen as the offering to the Almighty, and not Is-hak, grounding their assertions on traditions which they deem conclusive evidence on the subject. The offering thus made is annually commemorated by the sacrifice of animals, such as camels, cows, sheep, goats, kids, or lambs, according to each person's means, which answer the double purpose of honouring the memory of Abraham and Ismail and as food. The followers of Muhammad believe that the entrance to paradise is guarded by a bridge, Pul-i-Sirate, as narrow as a scythe, affording a precarious and unstable footing. To enable them, therefore, to pass without danger, they believe that the animals they have sacrificed at the *'Id* will be present to lend their aid in helping them over with lightning celerity. This festival, called by the Arabs *'Id-ul-Zoha*, 'day of sacrifice,' and the *'Id-ul-Fitr*, are the two great festivals of the Moslems. In A. H. 1 Muhammad kept the Ashur or Jewish fast of the Atonement on the 10th day of the 7th month, but next year, his relations with the Jews being altered, he substituted for it the *'Id-ul-Zoka*, grounded on the ceremonies then current at Mekkah, and on the 12th of Zil Hijjah he sacrificed two fatted sucking kids with budding horns—the one for his followers and the other for himself and his family (*see* Leviticus xvi.).

Muharram (Ar. *Muharram*, 'most sacred').—A celebrated mourning held annually in remembrance of the first alleged martyrs of the Shiah Musalmans, Hasan and Husain, from whom the whole race of Sayads are descended. Abu Muhammad al Hasan and Husain were the two sons of *'Ali* ibn Abi Taleb, the cousin, and Fatimah, the daughter of Muhammad; and after the murder of their father, A. H. 40, at Kufah by the contrivances of the Kaliph Yezid, the son of Muawiyeh, they with their families removed from Shawn, or Kufah, the capital of Medina. The elder, Hasan, voluntarily abdicated to avoid embroiling the State any longer in civil wars; but shortly afterwards he was poisoned by Yezid, the son of Muawiyeh, at Medina, A. H. 49. Abu 'Abdallah Muawiyeh ibn Abi Sufyan, the first of the Ommiades, then began to rule, A. D. 661, and was succeeded by his son Yezid (A. D. 679-683); but after several years the people of Shawn, being tired of king Yezid's tyrannical rule, invited Hussain to return to the capital and assume his lawful right as Imam (leader of the faithful). Before accepting this invitation, Husain sent Moslem, his cousin, as a messenger, to report the true state of affairs to him; and on Husain's arrival with his two sons at Shawn, he was murdered, with all his retinue, at Karbala, in Turkish Arabia, on the 10th day of the Arab month Muharram, A. H. 61 (9th October A. D. 680). Zain-ul-Abidin, the eldest son of Husain, alone escaped. This forms the subject of the ten days' wailing during the Muharram. The Muhammadans are divided into two distinct sects, called the Shiahs and the Sunnis; the former regard Ali and his descendants, Hasan, Husain, Zain-ul-Abidin, Muhammad Bauker, Jafar Sadik, as the lawful leaders after Muhammad; and the latter the Kaliphas, as Apubakar, Omar, Oosman, 'Ali—hence quarrels, animosities and dislikes are hoarded up to be avenged during the Muharram. The festival begins when the new moon of the first month (Muharram becomes visible. Including the *Ziyarat*, or "visiting the grave," it lasts till the 12th; but the fast is only for 10 days, and is hence called *Ashurah*, from the Arabic

word signifying ten. Houses are appropriated for the mourning ceremonies and called *Ashur Khana*, 'ten-day house,'—*Taziyah Khana*, house of lamentation,—and *Astana*, threshold or *fakir's residence*. The mourning assemblies of the rich are held morning and evening in the Imambaras during the Muharram, when the head priest or preacher recite a subject for each day's service, from the various books descriptive of the life and sufferings of Hasan and Husain. The Marsiah, a poetical composition embracing the whole of the subject commemorated, is chanted; the names of their lawful leaders are recounted with blessings, and that of the usurpers, the Kaliphas, with curses. Taziyas (a term signifying grief, applied to a representation of the mausoleum erected over the remains of Imam Husain at Karbala) made of ivory, ebony, sandalwood, cedar, and sometimes wrought in silver filigree,—and indeed of every variety of material, from pure silver to bamboo and paper, according to the rank and wealth of the party, are exhibited and conveyed in procession through the streets. The moment the new moon is seen, a spade is struck into the earth; this is called *kodali marna*, and at this spot a pit is dug two or three days afterwards, in which a bonfire, called *allawah*, is kindled. At night men dance round the fires, fencing with swords and springing through the flames, crying "Ya Ali! Sha Hasan! Sha Husain! Dulha!" bridegroom, &c.

On the night of the 7th, a representation of *Burak*, the horse or mule on which Muhammad is said to have ascended to heaven, is brought out. On the 10th the bier, called *tabut* or *taziyah*, is carried in procession. Before this incense is burnt and other rites are performed. The tabuts, it is said, are peculiar to India. They are not built by the inhabitants of Persia or Arabia. Many Muhammadans regard them with strong disapprobation, but in Bombay the larger portion of them unite in building them. These are taken out, and, accompanied with music, carried in procession from midnight of the ninth until three o'clock in the morning of the tenth day, and again from two till six o'clock on the afternoon of the same day, on their way to the beach or truck where the greater number of the tabuts, after being stripped of whatever is of value, are cast into the water. The Indian Shiah Muhammadans, who do not unite in building the tabuts, are accustomed to go upon this occasion to the mosque for five successive evenings to listen to the account of the death of Husain. On the morning of the 10th of Muharram they resort to the open court of the Imambara. A *Mulla* reads the story of the martyrdom, and as he becomes eloquent, the auditors beat their bared breasts and weep aloud, every now and then giving utterance to cries or lamentation—"Wai! Wai! Husain kushta shud!" A kind of ring is meanwhile cleared among the devotees for the passage of a procession, and then, amid intense excitement, three horses are led in. Little children, representing the children of Husain, with blood-stained clothes, are mounted on these horses, surrounded by large numbers of mourners, wailing and chanting, and as the procession moves forward headed by six banners—among which is the green standard of 'Ali—the riders of the horses throw ashes over their heads. A figure borne on a bier, representing the decapitated body of Husain, covered with blood and wounds, is brought in, from which broken arrows stick out, with a white dove hovering above it. The profoundest grief is now exhibited by the mourners. Walking round and round the ring, they now and again form circular groups of a dozen or twenty, and bending inwards to the ground, beat their breasts, crying "Wai! Wai! Husain!" Their demonstrations of grief, however, are not equal to those of the Moghuls and Persians, who, while listening to the recital, weep aloud and smite violently their breasts. Some two or three horsemen, bearing flags, enter the large yard adjoining the Imambara with loud wailings, and are followed by two horses caparisoned, to represent those which were for the use of the fallen Husain. One person on horseback with a long sword apparently run through his head and covered with blood joins in the wailings. A female infant in deep mourning, sitting at the door of a small mausoleum, which is carried on the shoulders of men, constantly casts ashes or cut straw upon her head in token of grief. These pass round in a circle, accompanied or followed by a company on foot, who beat upon their breasts, crying "Hai Hasan! Hai Husain!" This festival is with the Sunnis a mere farce. Before the martyrdom of Hasan and Husain this fast was observed as a feast, and is still reckoned one of the lesser *'Ids*.

Akhir-i-Chahar Shambah.—A lesser *'Id* or festival held on the last fourth week day, *viz.*, Wednesday of *Safar*, on account of Muhammad having, it is said, recovered a little on this day during his last illness and taken a bath for the last time. It is usual to write out seven benedictions, wash off the writing while the ink is fresh, and drink it. It is proper to bathe, put on new clothes, prepare sweetmeats, walk in gardens, and repeat prayers on this day.

Bari Wafat (Urdu, *bari*, 'great'; *wafat*, 'death').—A fast held on the 12th of *Rabi ul-Awal*, in memory of the death of Muhammad, A. H. 11. The *kadam-i-rasul* (prophet's foot) the impression of a foot on stone, or the *mu-i-mubarak* (the sacred hair of Muhammad), is brought forth and honoured. On the nights of the 11th and 12th processions take place.

Urs-i-Wali.—A festival in honour of *Kwajah Mu'in-ud-din Chisthi Kadir* or *Wali* is held on the 11th of Jumad-ul-Akhir. This Sunni saint was born in Sijistan, A.H. 527, and came to Ajmere in the reign of Kutb-ud-din Ibak, A.H. 602-607, where he

married the daughter of Sayad Husain Mashhadi, though a Shiah. A magnificent mosque was built by the Emperor Jehangir, A.H. 1027, near his tomb at Ajmere, where he died A.H. 628. He has also a shrine at Nagar, near Negapatam. He is held in special reverence by the Moplias.

Muhammadan Birth Ceremonies.

After the 7th month or pregnancy, families that have the means celebrate the *satwasa* (seventh month) with great rejoicings, dress the women in new clothes, and deck her with flowers. In the 9th month the *Ratjaga* from *rat*, night, and *jagna*, to watch, is similarly kept. A *kathar* (dagger), a lemon, and nimb leaves are placed near her head to ward off misfortune, and her drink is boiled water in which a piece of red-hot iron has been plunged. After the birth she is allowed only *achwani* candle) for the first six days. An iron plate and a broom are placed in a corner of the room as a spell against evil spirits; and if any stranger enters on the 6th and 40th days rue is thrown on the fire to prevent evil. Dogs and cats are carefully kept away, and the latter must not even be named. After swaddling, the summons to prayer must be uttered aloud in the infant's right ear and the Muslem creed in the left. Before it is put to the breast some pious man must dip his finger in honey and put it into the infant's mouth. The mother's relatives and friends go together to the house and place blades of grass in the father's hair, for which he has to make them a present. Until the *chehal* (40th day) the mother is regarded as unclean, and may neither pray, touch the Koran, nor enter the musjid. Certain ceremonies are then performed for her purification, and a sacrifice of two he-goats for a boy or one for a girl is sometimes offered. The child is also shaved, the hair is placed on a raft, a prayer repeated over it in the name of Khizr or Elias, and then launched into the stream. A lock of hair is sometimes allowed to grow in honour of some saint.

Muhammadan Marriage Ceremonies.

Betrothal takes place at a very early age, and the marriage is celebrated when the bridegroom is 18 and the bride at most 13 or 14. *Madawatyigan*, female emissaries, are employed to report the charms or wealth of certain eligible girls. Astrology is then consulted. The ceremonies of betrothal are such as the distribution of betel-nut leaves, the bridegroom going on horseback with musicians to the house of the bride to offer presents, sending sweet cakes from the bride to the bridegroom, treading the threshold, when the bride's mother gives the bridegroom a gold ring, money and an handkerchief, and tasting salt in the bride's house—previous to which the bridegroom must only eat sweet things there. Then follow ceremonies of anointing and bathing, and the preparation of the wedding garments. Among the marriage ceremonies are the conveying of the bridegroom's gifts to the house of the bride, and of the wedding finery to the bridegroom's. Then the bridegroom, gaily dressed, rides first to the musjid, and after repeating three prayers there, to the bride's house, where, before he is allowed to enter, he must give presents to her friends. He is carried in by a man, whose advance is resisted till further presents are made. The Kazi or his substitute, after taking two veils from the bridegroom's face, makes him repeat in Arabic certain suras of the Koran, &c. The bridegroom next repeats the marriage contract, and the hand of the bride is joined in his, the Kazi repeating a prayer that the couple thus wedded may be as loving as Adam and Eve, Abraham and Sarah.

Muhammadan Death Ceremonies.

When a Muhammadan is dying, a reader of the Koran is brought to read the *sura-i-yasan* and two creeds. Sweet sherbut is then poured in the throat of the dying person with the belief that it facilitates the exit of the spirit. After death the body is placed in a coffin, and, with parade suited to the rank of the departed, it is carried to the burial-ground, where a tent or *kanat* is pitched near the tomb. Here the body is bathed and dried, and powdered camphor rubbed on the hands, feet, knees, and forehead, the parts which daily touch the ground in prayer. The body is then wrapped in a calico winding-sheet, on which certain suras of the Koran have been written. The religious Musalman generally prepares his own sheet in his lifetime, adding passages of the Koran from time to time. The coffin is carried to the grave by the relations, repeating as they go, "There is no God but God, and Muhammad is the prophet of God." The Kazi reads the funeral service for the poor, and the nearest relation or other friend for the wealthy: it consists of four confessions of faith and one benediction. The body is then placed in the grave on its back with the head to the north and the face towards *Makkah* or the west. Each person takes up a little earth, and repeating the 12th sura or the passage—"We created you of earth and return you to earth, and we shall raise you out of the earth on the resurrection day," then puts the earth gently into the grave. The *Fatihah*, "I offer this prayer for such a one," is then said, first for the person just buried and then for all in the graveyard. Then the 1st and 11th suras are recited and alms distributed. On the 3rd day the whole Koran is read through, and on the 10th, 20th, 30th, and 40th days various ceremonies are gone through. *Fatihah* is repeated after every three months for a year.

69

HINDU CYCLE OF SIXTY YEARS.

KEY TO THE PRONUNCIATION.

a, as in *Roman*;—*á*, as in *father*;—*i* as in *il*;—*í*, as in *police*;—*u*, as in *push*;—*ú*, as in *rude*;—*e*, as in *beg*;—*é*, as in *grey*;—*ai*, as in *aisle*;—*o*, as in *so*;—*ou*, as ow in *now*.

No. 1.

Sidhárti	1799-1800	Viródhi	1829-1830
Raudri	1800— 1	Vikruti	1830— 31
Durmati	1801— 2	Khara	1831— 32
Dundubhi	1802— 3	Nandana	1832— 33
Rudhirodgári	1803— 4	Vijiya	1833— 34
Raktákshi	1804— 5	Jaya	1834— 35
Ródhana	1805— 6	Manmat'ha	1835— 36
Akshaya	1806— 7	Durmukhi	1836— 37
Prabhava	1807— 8	Hévilambi	1837— 38
Vibhava	1808— 9	Vilambi	1838— 39
Shukla	1809— 10	Vikári	1839— 40
Promódhúta	1810— 11	Shárvari	1840— 41
Prajótpatti	1811— 12	Plava	1841— 42
A'ngirasa	1812— 13	Shubhakrutu	1842— 43
Srimukha	1813— 14	Shobhakrutu	1843— 44
Bhava	1814— 15	Krobhi	1844— 45
Yuva	1815— 16	Vishwávasu	1845— 46
Dhátu	1816— 17	Parábhava	1846— 47
Ishwará	1817— 18	Plavunga	1847— 48
Bahudhánya	1818— 19	Kílaka	1848— 49
Pramádi	1819— 20	Saumya	1849— 50
Vikrama	1820— 21	Sadhárana	1850— 51
Vishu	1821— 22	Viródhikrutu	1851— 52
Chitrabhánu	1822— 23	Paridhávi	1852— 53
Swabhánu	1823— 24	Pramádicha	1853— 54
Thárana	1824— 25	A'nanda	1854— 55
Párthiva	1825— 26	Rákshasa	1855— 56
Vyaya	1826— 27	Nala	1856— 57
Sarvajitu	1827— 28	Paingala	1857— 58
Sarvadhári	1828— 29	Kálayukti	1858— 59

No. 2.

Sidhárti	1859-1860	Viródhi	1889-1890
Raudri	1860— 61	Vikruti	1890— 91
Durmati	1861— 62	Khara	1891— 92
Dundubhi	1862— 63	Nandana	1892— 93
Rudhirodgári	1863— 64	Vijaya	1893— 94
Raktákshi	1864— 65	Jaya	1894— 95
Ródhana	1865— 66	Manmat'ha	1895— 96
Akshaya	1866— 67	Durmukhi	1896— 97
Prabhava	1867— 68	Hévilambi	1897— 98
Vibhava	1868— 69	Vilambi	1898— 99
Shukla	1869— 70	Vikári	1899-1900
Pramódúta	1870— 71	Shárvari	1900— 1
Prajótpati	1871— 72	Plava	1901— 2
A'ngirasa	1872— 73	Shubhakrutu	1902— 3
Shrimukha	1873— 74	Shobhakrutu	1903— 4
Bhava	1874— 75	Krodhi	1904— 5
Yuva	1875— 76	Vishwávasu	1905— 6
Dhátu	1876— 77	Parábhava	1906— 7
Ishwará	1877— 78	Plavunga	1907— 8
Bahudhánya	1878— 79	Kílaka	1908— 9
Pramádi	1879— 80	Saumya	1909— 10
Vikrama	1880— 81	Sadhárana	1910— 11
Vishu	1881— 82	Viródhikrutu	1911— 12
Chitrabhánu	1882— 83	Paridhávi	1912— 13
Swabhánu	1883— 84	Pramádicha	1913— 14
Thárana	1884— 85	A'nanda	1914— 15
Párthiva	1885— 86	Rakshasa	1915— 16
Vyaya	1886— 87	Nala	1916— 17
Sarvajitu	1887— 88	Paingala	1917— 18
Sarvadhári	1888— 89	Kálayukti	1918— 19

RISING AND SETTING OF THE FIVE PRINCIPAL PLANETS AT MADRAS FOR 1901.

Months and Days.	MERCURY.				VENUS.				MARS.				JUPITER.				SATURN.			
	Rises		Sets		Rises		Sets		Rises		Sets		Rises		Sets		Rises		Sets	
	Morn.		After.		Morn.		After.		After.		Morn.		Morn.		After.		Morn.		After.	
1901.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
Jan. 1	5	36	4	52	4	15	3	39	10	3	10	28	5	21	4	41	6	13	5	33
11	6	1	5	17	4	30	3	52	9	27	9	53	4	52	4	12	5	38	4	58
21	6	29	5	51	4	46	4	6	8	46	9	14	4	22	3	42	5	3	4	25
31	6	56	6	28	5	0	4	22	7	59	8	30	3	52	3	12	4	28	3	50
Feb. 10	7	17	7	3	5	12	4	36	7	7	7	41	3	21	2	41	3	54	3	16
20	7	20	7	18	5	21	4	51	6	14	6	47	2	50	2	10	3	18	2	40
Mar. 2	6	41	6	45	5	27	5	5	5	18	5	56	2	18	1	38	2	45	2	5
12	5	34	5	30	5	32	5	18	4	24	5	3	1	45	1	5	2	7	1	29
22	4	47	4	37	5	35	5	29	3	35	4	15	1	11	0	31	1	30	0	52
April 1	4	32	4	18	5	37	5	39	2	51	3	31	0	36	Morn.		0	53	Morn.	
11	4	30	4	24	5	39	5	49	2	13	2	51	After.		11	20	After.		11	37
21	4	38	4	42	5	40	6	0	1	39	2	16	11	20	10	47	11	32	10	58
May 1	4	54	5	12	5	43	6	13	1	10	1	44	10	40	10	4	10	57	10	23
11	5	23	5	57	5	49	6	27	0	43	1	13	10	0	9	24	10	17	9	43
21	6	5	6	53	5	57	6	41	0	18	0	46	9	18	8	42	9	32	8	58
31	6	47	7	43	6	8	6	56	Morn.		After.		8	36	8	0	8	51	8	17
June 10	7	16	8	10	6	21	7	11	11	35	11	53	7	52	7	16	8	9	7	35
20	7	22	8	8	6	35	7	25	11	15	11	31	7	7	6	32	7	27	6	53
30	6	59	7	39	6	50	7	38	10	58	11	8	6	23	5	47	6	45	6	11
July 10	6	6	6	42	7	7	7	45	10	40	10	47	5	38	5	3	6	2	5	28
20	5	2	5	40	7	20	7	52	10	23	10	25	4	54	4	18	5	20	4	46
30	4	27	5	7	7	32	7	56	10	8	10	4	4	10	3	34	4	39	4	3
Aug. 9	4	33	5	15	7	41	7	59	9	53	9	45	3	27	2	51	3	57	3	21
19	5	11	5	49	7	50	8	0	9	39	9	27	2	46	2	10	3	16	2	40
29	5	57	6	21	8	[illegible]	8	0	9	26	9	10	2	5	1	31	2	35	1	59
Sept. 8	6	31	6	41	8	9	8	0	9	14	8	52	1	28	0	50	1	55	1	19
18	6	58	6	52	8	18	8	0	9	3	8	37	0	50	After.		1	16	0	40
28	7	17	7	1	8	29	8	1	8	53	8	23	Morn.		11	32	0	37	After.	
Oct. 8	7	31	7	3	8	40	8	6	8	44	8	10	11	38	10	58	Morn.		11	19
18	7	32	6	58	8	52	8	12	8	36	7	58	11	4	10	24	11	21	10	41
28	6	58	6	24	9	6	8	20	8	29	7	49	10	32	9	52	10	45	10	5
Nov. 7	5	33	5	11	9	17	8	30	8	22	7	40	10	0	9	20	10	9	9	29
17	4	41	4	25	9	27	8	40	8	16	7	32	9	28	8	48	9	33	8	53
27	4	45	4	23	9	35	8	51	8	10	7	26	8	57	8	17	8	58	8	18
Dec. 7	5	8	4	36	9	36	8	58	8	4	7	20	8	27	7	47	8	22	7	44
17	5	37	4	57	9	33	9	1	7	57	7	17	7	56	7	18	7	47	7	9
27	6	8	5	24	9	23	8	57	7	50	7	12	7	27	6	49	7	13	6	35
31	6	20	5	36	9	17	8	55	7	46	7	10	7	15	6	37	6	59	6	21

TABLE SHOWING THE MEAN TIME OF THE SUN'S CULMINATION AT MADRAS FOR 1901.

Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.	h. m. s.
1	12 3 27	12 13 44	12 12 41	12 4 11	11 57 7	11 57 28	12 3 25	12 6 9	12 0 8	11 49 54	11 43 41	11 48 52
2	12 3 55	12 13 51	12 12 29	13 3 53	11 56 59	11 57 37	12 3 36	12 6 5	11 59 49	11 49 35	11 43 39	11 49 15
3	12 4 23	12 13 58	12 12 17	12 3 35	11 56 52	11 57 46	12 3 47	12 6 1	11 59 30	11 49 16	11 43 38	11 49 38
4	12 4 50	12 14 5	12 12 4	12 3 17	11 56 45	11 57 55	12 3 58	12 5 57	11 59 11	11 48 57	11 43 39	11 50 2
5	12 5 17	12 14 10	12 11 51	12 2 59	11 56 39	11 58 5	12 4 9	12 5 51	11 58 51	11 48 39	11 43 39	11 50 26
6	12 5 45	12 14 15	12 11 37	12 2 42	11 56 34	11 58 16	12 4 20	12 5 46	11 58 32	11 48 21	11 43 41	11 50 51
7	12 6 11	12 14 19	12 11 23	12 2 24	11 56 29	11 58 27	12 4 30	12 5 39	11 58 11	11 48 4	11 43 44	11 51 16
8	12 6 37	12 14 23	12 11 9	12 2 7	11 56 24	11 58 37	12 4 39	12 5 32	11 57 51	11 47 47	11 43 47	11 51 42
9	12 7 3	12 14 25	12 10 54	12 1 50	11 56 20	11 58 48	12 4 49	12 5 25	11 57 31	11 47 30	11 43 51	11 52 9
10	12 7 27	12 14 26	12 10 38	12 1 33	11 55 17	11 59 0	12 4 58	12 5 17	11 57 10	11 47 14	11 43 57	11 52 36
11	12 7 52	12 14 27	12 10 23	12 1 17	11 56 15	11 59 12	12 5 7	12 5 8	11 56 50	11 46 58	11 44 2	11 53 3
12	12 8 16	12 14 27	12 10 7	12 1 0	11 56 12	11 59 24	12 5 15	12 4 59	11 56 29	11 46 43	11 44 9	11 53 31
13	12 8 39	12 14 26	12 9 51	12 0 45	11 56 11	11 59 36	12 5 23	12 4 49	11 56 8	11 46 28	11 44 17	11 53 59
14	12 9 1	12 14 25	12 9 34	12 0 29	11 56 10	11 59 49	12 5 30	12 4 38	11 55 47	11 46 13	11 44 25	11 54 27
15	12 9 23	12 14 23	12 9 17	12 0 14	11 56 10	12 0 1	12 5 37	12 4 26	11 55 26	11 46 0	11 44 35	11 54 56
16	12 9 45	12 14 20	12 9 0	11 59 59	11 56 11	12 0 14	12 5 43	12 4 16	11 55 5	11 45 46	11 44 45	11 55 25
17	12 10 5	12 14 16	12 8 43	11 59 44	11 56 11	12 0 27	12 5 49	12 4 7	11 54 44	11 45 34	11 44 56	11 55 54
18	12 10 25	12 14 12	12 8 26	11 59 31	11 56 13	12 0 40	12 5 54	12 3 57	11 54 23	11 45 22	11 45 8	11 56 24
19	12 10 44	12 14 7	12 8 8	11 59 17	11 56 15	12 0 53	12 5 59	12 3 47	11 54 1	11 45 10	11 45 20	11 56 53
20	12 11 3	12 14 1	12 7 50	11 59 4	11 56 18	12 1 6	12 6 3	12 3 35	11 53 40	11 44 59	11 45 34	11 57 23
21	12 11 21	12 13 55	12 7 32	11 58 51	11 56 21	12 1 19	12 6 7	12 3 23	11 53 19	11 44 49	11 45 48	11 57 53
22	12 11 38	12 13 48	12 7 14	11 58 38	11 56 25	12 1 32	12 6 10	12 3 11	11 52 58	11 44 39	11 46 3	11 58 23
23	12 11 54	12 13 40	12 6 57	11 58 26	11 56 29	12 1 45	12 6 13	12 2 57	11 52 37	11 44 30	11 46 19	11 58 53
24	12 12 8	12 13 32	12 6 38	11 58 15	11 56 33	12 1 58	12 6 15	12 2 42	11 52 16	11 44 22	11 46 35	11 59 23
25	12 12 24	12 13 23	12 6 20	11 58 4	11 56 39	12 2 11	12 6 16	12 2 26	11 51 55	11 44 14	11 46 53	11 59 52
26	12 12 38	12 13 13	12 6 2	11 57 53	11 56 44	12 2 23	12 6 17	12 2 10	11 51 35	11 44 7	11 47 11	12 0 22
27	12 12 51	12 13 3	12 5 43	11 57 43	11 56 50	12 2 36	12 6 17	12 1 54	11 51 14	11 44 1	11 47 30	12 0 52
28	12 13 3	12 12 53	12 5 25	11 57 33	11 57 0	12 2 48	12 6 17	12 1 37	11 50 54	11 43 55	11 47 49	12 1 21
29	12 13 14	... ...	12 5 6	11 57 24	11 57 4	12 3 1	12 6 16	12 1 20	11 50 34	11 43 51	11 48 10	12 1 51
30	12 13 25	... ...	12 4 48	11 57 15	11 57 12	12 3 13	12 6 14	12 1 3	11 50 14	11 43 47	11 48 31	12 2 20
31	12 13 35	... ...	12 4 30	... ...	11 57 20	... ...	12 6 12	12 0 45	11 50 14	11 43 43	... ...	12 2 49

TABLE SHOWING THE EQUATION OF TIME AT APPARENT NOON AT MADRAS FOR 1901.

Date.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.	m. s.
1	+ 3 27	+ 13 44	+ 12 41	+ 4 11	— 2 53	— 2 32	+ 3 25	+ 6 9	+ 0 8	— 10 6	— 16 19	— 11 8
2	3 55	13 51	12 29	3 53	3 1	2 23	3 36	6 6	— 0 11	10 25	16 21	10 45
3	4 23	13 58	12 17	3 35	3 8	2 14	3 47	6 1	0 30	10 44	16 22	10 22
4	4 50	14 5	12 4	3 17	3 15	2 5	3 58	5 57	0 49	11 3	16 21	9 58
5	5 17	14 10	11 51	2 59	3 21	1 55	4 9	5 51	1 9	11 21	16 21	9 34
6	5 45	14 15	11 37	2 42	3 26	1 44	4 20	5 46	1 28	11 39	16 19	9 9
7	6 11	14 19	11 23	2 24	3 31	1 33	4 30	5 39	1 49	11 56	16 16	8 44
8	6 37	14 22	11 9	2 7	3 36	1 23	4 39	5 32	2 9	12 13	16 13	8 18
9	7 3	14 25	10 54	1 50	3 40	1 12	4 49	5 25	2 29	12 30	16 9	7 51
10	7 27	14 26	10 38	1 33	3 43	1 0	4 58	5 17	2 50	12 46	16 3	7 24
11	7 52	14 27	10 23	1 17	3 45	0 48	5 7	5 8	3 10	13 2	15 58	6 57
12	8 16	14 27	10 7	1 0	3 48	0 36	5 15	4 59	3 31	13 17	15 51	6 29
13	8 39	14 26	9 51	0 45	3 49	0 24	5 23	4 49	3 52	13 32	15 43	6 1
14	9 1	14 25	9 34	0 29	3 50	0 11	5 30	4 38	4 13	13 47	15 35	5 33
15	9 23	14 23	9 17	0 14	3 50	+ 0 1	5 37	4 26	4 34	14 0	15 25	5 4
16	9 45	14 20	9 0	— 0 1	3 49	0 14	5 43	4 15	4 55	14 14	15 15	4 35
17	10 5	14 16	8 43	0 16	3 49	0 27	5 49	4 4	5 16	14 26	15 4	4 6
18	10 25	14 12	8 26	0 29	3 47	0 40	5 54	3 52	5 37	14 38	14 52	3 36
19	10 44	14 7	8 8	0 43	3 45	0 53	5 59	3 39	5 59	14 50	14 40	3 7
20	11 3	14 1	7 50	0 56	3 42	1 6	6 3	3 25	6 20	15 1	14 26	2 37
21	11 21	13 55	7 32	1 9	3 39	1 19	6 7	3 11	6 41	15 11	14 12	2 7
22	11 38	13 48	7 14	1 22	3 35	1 32	6 10	2 57	7 2	15 21	13 57	1 37
23	11 54	13 40	6 57	1 34	3 31	1 45	6 13	2 42	7 23	15 30	13 41	1 7
24	12 8	13 32	6 38	1 45	3 27	1 58	6 15	2 26	7 44	15 38	13 25	0 37
25	12 24	13 23	6 20	1 56	3 21	2 11	6 16	2 10	8 5	15 46	13 7	0 8
26	12 38	13 13	6 2	2 7	3 16	2 23	6 17	1 54	8 25	15 53	12 49	+ 0 22
27	12 51	13 3	5 43	2 17	3 10	2 36	6 17	1 37	8 46	15 59	12 30	0 52
28	13 3	12 53	5 25	2 27	3 3	2 48	6 17	1 20	9 6	16 5	12 11	1 21
29	13 14	...	5 6	2 36	2 56	3 1	6 16	1 3	9 26	16 9	11 50	1 51
30	13 25	...	4 48	2 45	2 48	3 13	6 14	0 45	9 46	16 13	11 29	2 20
31	13 35	...	4 30	...	2 40	...	6 12	0 27	...	16 17	...	2 49

+ Means clock before sun. — Means clock behind sun.

MOON'S RIGHT ASCENSION AND DECLINATION AT NOON FOR EACH DAY OF THE MONTH FOR 1901.

Day of each 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.
	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
1	3 18	N.21	6 56	N.19	7 37	N.17	10 40	N. 3	12 44	S. 8	15 41	S.19	18 3	S.20	21 19	S.10	0 36	N. 7	3 10	N.17	6 53	N.18	9 19	N.10
2	4 18	21	7 51	17	8 29	14	11 25	S. 1	13 29	12	16 33	20	18 56	19	22 12	6	1 32	12	4 11	19	7 50	16	10 9	6
3	5 18	21	8 42	13	9 18	10	12 10	5	14 16	15	17 25	21	19 50	16	23 4	1	2 30	15	5 12	20	8 43	13	10 57	2
4	6 18	21	9 32	9	10 5	6	12 55	9	15 5	18	18 18	20	20 42	13	23 57	N. 4	3 28	18	6 12	19	9 34	9	11 43	S. 2
5	7 15	19	10 19	5	10 51	2	13 41	13	15 55	20	19 11	18	21 34	9	0 51	8	4 28	20	7 10	18	10 22	5	12 29	6
6	8 9	16	11 5	1	11 37	S. 2	14 28	16	16 46	21	20 3	15	22 26	5	1 46	13	5 27	20	8 4	15	11 9	1	13 15	10
7	9 0	12	11 50	S. 4	12 22	6	15 17	18	17 38	21	20 55	12	23 17	N. 0	2 43	16	6 26	19	8 56	12	11 55	S. 3	14 2	13
8	9 49	8	12 35	8	13 7	10	16 7	20	18 30	20	21 46	8	0 9	5	3 42	19	7 22	17	9 46	8	12 41	7	14 49	16
9	10 35	3	13 21	11	13 54	14	16 58	21	19 23	18	22 37	3	1 3	10	4 41	20	8 16	15	10 34	4	13 27	11	15 38	18
10	11 21	S. 1	14 7	15	14 41	17	17 51	20	20 15	15	23 29	N. 1	1 59	14	5 41	20	9 8	11	11 20	S. 0	14 14	14	16 28	20
11	12 5	5	14 56	18	15 30	19	18 43	19	21 7	11	0 22	6	2 56	17	6 39	19	9 58	7	12 6	4	15 2	17	17 19	20
12	12 50	9	15 46	20	16 21	20	19 36	17	21 58	7	1 17	11	3 56	19	7 36	17	10 46	3	12 52	8	15 51	19	18 10	19
13	13 36	13	16 38	21	17 13	21	20 30	14	22 51	2	2 15	15	4 57	21	8 31	14	11 33	S. 1	13 39	12	16 41	20	19 1	18
14	14 23	16	17 32	21	18 6	20	21 23	10	23 44	N. 3	3 15	18	5 58	20	9 23	10	12 19	5	14 26	15	17 32	20	19 52	16
15	15 13	19	18 27	20	19 1	19	22 16	5	0 40	8	4 17	20	6 58	19	10 13	6	13 5	9	15 15	17	18 23	19	20 42	13
16	16 4	21	19 23	18	19 55	16	23 11	0	1 38	13	5 20	21	7 55	16	11 1	2	13 52	13	16 4	19	19 13	18	21 32	9
17	16 58	21	20 19	15	20 50	13	0 7	N. 5	2 38	16	6 21	20	8 49	13	11 47	S. 3	14 40	16	16 54	20	20 4	15	22 21	5
18	17 54	21	21 14	11	21 45	8	1 5	10	3 41	19	7 21	18	9 41	9	12 34	7	15 28	18	17 45	20	20 54	12	23 11	1
19	18 50	20	22 10	6	22 40	3	2 5	14	4 44	20	8 17	15	10 30	4	13 20	11	16 18	19	18 36	19	21 44	8	0 2	N. 4
20	19 46	17	23 5	1	23 36	N. 2	3 6	18	5 47	20	9 9	11	11 17	S. 0	14 7	14	17 9	20	19 27	17	22 34	4	0 55	8
21	20 42	13	0 0	N. 4	0 33	7	4 9	20	6 47	19	9 59	7	12 3	4	14 55	17	18 0	20	20 18	14	23 26	N. 1	1 51	12
22	21 37	9	0 56	9	1 32	12	5 11	21	7 44	17	10 47	2	12 49	8	15 44	19	18 52	19	21 10	11	0 20	6	2 50	16
23	22 31	4	1 53	14	2 31	16	6 11	20	8 37	13	11 33	S. 2	13 35	12	16 34	20	19 45	16	22 1	7	1 16	10	3 51	19
24	23 24	N. 1	2 51	17	3 32	19	7 9	18	9 28	9	12 18	6	14 22	15	17 26	20	20 37	13	22 54	2	2 15	14	4 55	20
25	0 18	6	3 50	20	4 33	20	8 3	15	10 16	5	13 4	10	15 11	18	18 19	20	21 30	9	23 48	N. 3	3 17	17	5 59	20
26	1 12	11	4 49	21	5 32	21	8 54	12	11 2	1	13 50	13	16 1	20	19 12	18	22 24	5	0 44	8	4 21	19	7 1	18
27	2 8	15	5 47	21	6 30	20	9 43	8	11 47	S. 3	14 37	16	16 52	20	20 6	15	23 18	N. 0	1 43	12	5 25	20	8 1	15
28	3 5	18	6 43	20	7 25	18	10 29	4	12 32	7	15 26	19	17 45	20	21 0	12	0 14	5	2 44	16	6 28	19	8 57	12
29	4 3	20	...	...	8 17	15	11 14	S. 0	13 17	11	16 17	20	18 39	19	21 53	8	1 11	10	3 47	18	7 29	17	9 50	8
30	5 2	21	...	...	9 6	11	11 59	4	14 4	14	17 10	21	19 32	17	22 47	3	2 10	14	4 50	20	8 25	14	10 41	3
31	6 0	21	...	...	9 54	7	...	...	14 52	17	...	...	20 26	14	23 41	N. 2	...	...	5 53	20	...	...	11 29	S. 1

RIGHT ASCENSION AND DECLINATION OF THE SUN AND PLANETS AT MADRAS FOR 1901.

Month 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.
1901.	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°	h. m.	°
January 1	18 45	S. 23	17 52	S. 24	16 39	S. 21	10 57	N. 10	17 43	S. 23	18 33	S. 23
11	19 29	22	19 0	24	17 32	22	11 1	10	17 52	23	18 38	23
21	20 12	20	20 11	22	18 26	23	11 0	11	18 2	23	18 44	22
31	20 53	17	21 22	17	19 20	22	10 54	11	18 11	23	18 48	22
February 10	21 33	14	22 29	10	20 13	20	10 43	13	18 19	23	18 53	22
20	22 12	11	23 18	3	21 5	18	10 29	14	18 27	23	18 57	22
March 2	22 50	7	23 21	0	21 55	14	10 14	15	18 35	23	19 1	22
12	23 27	3	22 49	4	22 42	10	10 0	16	18 41	23	19 4	22
22	0 4	N. 0	22 38	8	23 28	5	9 51	17	18 46	23	19 7	22
April 1	0 40	4	23 1	8	0 14	N. 0	9 46	17	18 51	23	19 9	22
11	1 17	8	23 42	5	1 0	5	9 46	16	18 54	23	19 10	22
21	1 54	12	0 35	N. 1	1 46	10	9 51	16	18 56	23	19 11	22
May 1	2 31	15	1 38	8	2 33	14	10 0	14	18 57	23	19 11	22
11	3 10	18	2 54	16	3 22	19	10 11	13	18 56	23	19 10	22
21	3 50	20	4 22	23	4 12	21	10 24	12	18 54	23	19 9	22
31	4 30	22	5 47	26	5 5	22	10 40	10	18 51	23	19 7	22
June 10	5 11	23	6 54	24	5 58	24	10 57	8	18 46	23	19 4	22
20	5 52	23	7 37	22	6 52	24	11 14	6	18 41	23	19 2	22
30	6 34	23	7 50	19	7 45	23	11 33	3	18 36	23	18 58	22
July 10	7 15	22	7 34	17	8 36	20	11 53	1	18 30	23	18 55	22
20	7 56	21	7 10	18	9 26	17	12 14	S. 1	18 25	23	18 52	22
30	8 35	19	7 15	20	10 13	13	12 35	4	18 21	23	18 49	23
August 9	9 14	16	8 3	20	10 59	8	12 58	6	18 17	23	18 47	23
19	9 52	13	9 19	17	11 43	3	13 21	9	18 15	23	18 45	23
29	10 28	10	10 36	11	12 27	S. 2	13 45	11	18 14	23	18 44	23
September 8	11 4	6	11 43	3	13 11	7	14 10	13	18 14	23	18 43	23
18	11 40	2	12 42	S. 5	13 55	12	14 36	16	18 16	24	18 43	23
28	12 16	S. 2	13 35	11	14 41	16	15 4	18	18 19	24	18 43	23
October 8	12 53	6	14 23	17	15 28	20	15 32	20	18 24	23	18 44	23
18	13 30	9	14 59	20	16 17	23	16 2	21	18 29	23	18 46	23
28	14 8	13	15 5	20	17 7	25	16 33	23	18 35	23	18 49	23
November 7	14 47	S. 16	14 24	14	17 58	26	17 5	24	18 43	23	18 52	23
17	15 28	19	14 16	11	18 47	26	17 37	24	18 51	23	18 56	23
27	16 19	21	14 57	15	19 35	25	18 11	24	19 0	23	19 0	22
December 7	16 53	22	15 54	19	20 19	22	18 44	24	19 9	23	19 4	22
17	17 37	23	16 58	23	20 58	19	19 18	23	19 18	22	19 9	22
27	18 21	23	18 7	25	21 31	16	19 51	22	19 28	22	19 14	22
31	18 39	23	18 35	25	21 42	14	20 „	22	19 32	22	19 16	22

SATURN'S SATELLITES AT MADRAS.

MEAN TIME OF EASTERN ELONGATION, 1901.

1—Mimas.

d.	h.	m.	
Feb.	26	10	36 After.
	28	7	48 „
Mar.	3	3	42 „
	8	8	48 Morn.
	13	1	54 „
	18	5	36 After.
	23	10	42 Morn.
	28	3	48 „
Apl.	2	7	30 After.
	7	0	36 „
	12	5	42 Morn.
	17	9	30 After.
	22	2	36 „

Mimas—*contd.*

d.	h.	m.	
Apl.	27	7	36 Morn.
May	2	11	18 After.
	7	4	24 „
	12	9	30 Morn.
	17	2	36 „
	22	6	12 After.
	27	11	18 Morn.
June	2	3	0 „
	7	6	36 After.
	12	11	42 Morn.
	18	3	24 „
	23	7	6 After.
	28	9	12 „

Mimas—*contd.*

d.	h.	m.	
July	4	3	48 Morn.
	9	7	30 After.
	15	11	12 Morn.
	21	2	54 „
	26	6	36 After.
Aug.	1	10	18 Morn.
	7	2	0 Morn.
	13	4	6 After.
	19	8	0 Morn.
	25	10	18 After.
	31	2	0 „
Sept.	5	5	48 Morn.
	10	10	54 After.

Mimas—*concld.*

d.	h.	m.	
Sept.	16	2	36 After.
	22	6	18 Morn.
	27	10	0 After.
Oct.	2	3	6 „
	8	6	48 Morn.
	14	9	12 After.
	20	1	0 „
	26	4	42 Morn.
Nov.	1	7	6 After.
	6	0	12 After.
	12	4	0 Morn.
	17	7	42 After.
	22	0	18 „

3—Tethys.

d.	h.	m.	
Feb.	27	5	18 After.
Mar.	3	12	0 Noon.
	9	4	0 Morn.
	14	7	54 After.
	20	11	54 Morn.
	26	3	54 „
	31	7	48 After.
Apl.	6	11	42 Morn.
	12	3	42 „
	17	7	42 After.
	23	11	36 Morn.
	29	3	30 „

SATURN'S SATELLITES AT MADRAS—*contd.*

MEAN TIME OF EASTERN ELONGATION, 1901—*contd.*

2—Enceladus.

d.	h.	m.	
Feb.	26	3	42 Morn.
	28	9	30 After.
Mar.	2	6	0 Morn.
	7	5	54 After.
	13	5	30 Morn.
	18	5	6 After.
	24	4	36 Morn.
	29	4	6 „
Apl.	2	6	48 After.
	8	6	24 Morn.
	13	5	54 After.
	19	5	24 Morn.
	24	5	0 After.
	30	4	30 Morn.
May	5	4	0 After.
	11	3	36 Morn.
	16	3	6 After.
	22	2	36 Morn.
	28	11	0 After.
June	3	10	30 Morn.
	8	10	0 After.
	14	9	30 Morn.
	19	9	0 After.
	25	8	30 Morn.
July	2	4	54 „
	7	4	24 After.
	13	3	54 Morn.
	18	4	24 After.
	24	2	54 Morn.
	30	11	12 After.
Aug.	5	10	48 Morn.
	10	10	18 After.
	16	9	48 Morn.
	21	9	18 After.
	27	8	54 Morn.
Sept.	1	8	30 After.
	7	8	0 Morn.
	12	7	30 After.
	18	7	6 Morn.
	23	6	36 After.
	29	6	12 Morn.
Oct.	4	5	48 After.
	10	5	18 Morn.
	17	1	48 „
	22	1	24 After.
	28	1	0 Morn.
Nov.	4	9	30 After.
	10	6	0 „
	16	5	36 Morn.

Tethys—*concld.*

d.	h.	m.	
May	4	7	24 After.
	10	11	18 Morn.
	16	3	12 „
	21	7	0 After.
	27	10	54 Morn.
June	2	2	48 „
	7	6	42 After.
	13	10	30 Morn.
	19	2	24 „
	24	6	18 After.
	30	10	6 Morn.
July	6	2	0 „
	11	5	54 After.
	17	9	42 Morn.
	23	1	36 „
	28	5	24 After.
Aug.	3	9	18 Morn.
	9	1	12 „
	14	5	6 After.
	20	9	0 Morn.
	26	0	54 „
	31	4	48 After.
Sept.	6	8	48 Morn.
	12	0	42 „
	17	4	36 After.
	23	10	36 Morn.
	29	0	30 „
Oct.	4	4	30 After.
	10	8	24 Morn.
	16	0	24 „
	21	4	24 After.
	27	8	18 Morn.
Nov.	2	9	42 After.
	8	1	42 „
	15	5	42 Morn.

4—Dione.

d.	h.	m.	
Feb.	27	3	54 After.
Mar.	5	3	24 Morn.
	10	2	48 After.
	16	2	12 Morn.
	21	1	42 After.
	27	1	6 Morn.
Apl.	4	6	12 „
	9	5	36 After.
	15	5	0 Morn.
	20	4	6 After.
	26	3	42 Morn.
May	1	3	6 After.
	7	2	24 Morn.
	12	1	48 After.
	18	1	6 Morn.
	23	0	24 After.
	28	11	42 „
June	3	11	0 Morn.
	8	10	18 After.
	14	9	42 Morn.
	19	8	54 After.
	25	8	12 Morn.
	30	7	30 After.
July	6	6	48 Morn.
	11	6	6 After.
	17	5	18 Morn.

Dione—*concld.*

d.	h.	m.	
July	22	4	42 After.
	28	4	0 Morn.
Aug.	2	3	18 After.
	8	2	36 Morn.
	13	1	54 After.
	19	1	18 Morn.
	24	0	36 After.
	30	12	0 M'nt.
Sept.	4	11	18 Morn.
	9	10	42 After.
	15	10	6 Morn.
	20	9	30 After.
	26	8	54 Morn.
Oct.	1	8	18 After.
	4	2	0 „
	10	1	24 Morn.
	15	0	54 After.
	20	0	18 Morn.
	26	11	48 „
	31	11	12 After.
Nov.	3	5	0 „
	9	4	24 Morn.
	14	3	54 After.

5—Rhea.

d.	h.	m.	
Feb.	23	7	48 After.
	28	8	24 Morn.
Mar.	4	8	54 After.
	13	9	54 „
	18	10	30 Morn.
	22	10	54 After.
	27	11	24 Morn.
Apl.	5	0	24 After.
	10	0	54 Morn.
	19	1	42 Morn.
	28	2	36 „
May	7	3	24 „
	11	3	42 After.
	16	4	6 Morn.
	20	4	24 After.
	25	4	48 Morn.
June	3	5	30 „
	12	6	12 „
	18	6	30 After.
	21	6	48 Morn.
	25	7	6 After.
	30	7	24 Morn.
July	4	7	42 After.
	9	8	1 Morn.
	13	8	24 After.
	18	8	42 Morn.
	22	9	0 After.
	27	9	42 Morn.
Aug.	1	10	0 Morn.
	5	10	24 After.
	14	11	18 Morn.
	20	1	6 After.
	26	4	42 Morn.
Sept.	1	9	12 „
	6	0	36 Morn.

Rhea—*concld.*

d.	h.	m.	
Sept.	10	1	0 After.
	14	1	30 Morn.
	19	1	54 After.
	24	2	18 Morn.
	28	2	48 After.
Oct.	3	3	18 Morn.
	7	3	48 After.
	12	4	18 Morn.
	16	4	48 After.
	21	5	18 Morn.
	25	5	48 After.
	30	6	18 Morn.
Nov.	3	6	54 After.
	8	7	24 Morn.
	12	8	0 After.
	17	8	30 Morn.

6—Titan.

d.	h.	m.	
Feb.	28	9	48 Af. E
Mar.	4	1	0 Mn. W
	11	9	42 Af. E
	20	1	6 Mn. W
	23	11	12 Af. S
	27	9	30 „ E
Apl.	5	0	24 Mn. W
	8	10	36 Af. S
	12	9	6 „ E
	20	11	48 „ W
	24	9	30 „ S
	28	7	42 „ E
May	6	10	24 „ W
	10	8	12 „ S
	14	6	12 „ E
	22	8	30 „ W
	26	6	12 „ S
	30	4	0 „ E
June	7	6	24 „ W
	11	3	42 „ S
	15	1	42 „ E
	22	3	54 „ W
	27	1	12 „ S
July	1	11	46 Mn. E
	2	1	6 Af. W
	13	10	18 Mn. S
	17	8	30 „ E
	25	10	30 „ W
	29	7	54 „ S
Aug.	2	6	6 „ E
	10	8	12 „ W
	14	5	24 „ S
	18	3	42 „ E
	26	6	6 „ W
	30	3	36 „ S
Sept.	3	1	54 „ E
	11	4	30 „ W
	15	2	0 „ S
	19	0	36 „ E
	27	3	30 „ W
Oct.	1	1	6 „ S
	4	11	48 Af. E
	13	2	54 Mn. W
	17	0	36 „ S
	20	11	18 Af. E

SATURN'S SATELLITES AT MADRAS—*concld.*

MEAN TIME OF EASTERN ELONGATION, 1901—*concld.*

TITAN—*concld.*					HYPERION—*contd.*					HYPERION—*concld.*					JAPETUS—*concld.*				
	d.	h.	m.			d.	h.	m.			d.	h.	m.			d.	h.	m.	
Oct.	29	2	36	Mn. W	May	6	4	48	Mn. W	Aug.	25	8	12	Af. S	Mar.	22	0	42	Af. S
						12	4	6	„ S		30	1	30	„ E					
Nov.	2	0	24	„ S		16	11	30	Af. E						Apl.	10	7	42	„ E
	5	11	18	Af. E		27	7	54	Mn. W	Sept.	10	3	36	Mn. W					
	14	2	48	Mn. W							16	2	12	„ S	May	20	2	54	„ W
	18	0	30	„ S	June	2	7	0	„ S		20	7	30	Af. E					
						7	1	42	„ E						June	9	6	30	„ S
7—HYPERION.						17	10	48	„ W	Oct.	1	10	36	Mn. W		28	0	18	„ E
						23	7	36	„ S		7	9	54	„ S					
Mar.	3	0	18	Af. W		28	3	54	„ E		12	3	24	„ E	Aug.	6	5	6	„ W
	9	12	0	Nn. S							22	7	42	Af. W		26	8	54	„ S
	14	11	6	Mn. E	July	8	1	54	Af. W		28	7	30	„ S					
	24	7	0	Af. W		14	0	30	„ S						Sept.	14	8	42	„ E
	30	6	30	„ S		19	5	48	Mn. E	Nov.	2	1	0	„ E					
						29	5	6	Af. W		13	6	0	Mn. W	Oct.	25	12	12	Mn. W
Apl.	4	4	18	„ E							19	5	48	„ S					
	15	0	18	Mn. W	Aug.	4	3	36	„ S	8—JAPETUS.					Nov.	14	7	42	Af. S
	20	11	48	Af. S		9	8	54	Mn. E										
	25	8	42	„ E		19	9	24	Af. W	Mar.	1	7	30	Af. W					

SATELLITES OF NEPTUNE AT MADRAS.

MEAN TIME OF GREATEST ELONGATION, 1901.

ARIEL.						UMBRIEL.						TITANIA.					
East.				West.		East.				West.		East.				West.	
January.				January.		September.				September.		November.				November.	
d.	h.	m.		d.	h.	m.		d.	h.	m.		d.	h.	m.		d.	h.	m.	
2	11	24	Af.	5	9	54	Af.	2	5	36	Af.	3	7	6	Af.	4	12	0	Nn.
3	8	30	„	11	7	0	„	8	12	36	„	9	4	6	„	10	9	0	Mn.
14	5	36	„	17	4	12	„	18	11	30	Mn.	15	1	6	„	16	6	12	„
20	2	42	„	23	1	18	„	24	8	48	„	21	10	6	Mn.	22	3	12	„
26	11	54	Mn.	29	10	24	Mn.	30	5	42	„	27	7	12	„	28	0	24	„
February.				February.		October.				October.		December.				December.	
1	9	0	Mn.	4	7	30	Mn.	6	2	42	Mn.	3	4	12	Mn.	3	9	30	Af.
7	6	6	„	10	4	36	„	11	11	42	Af.	9	1	12	„	9	6	36	„
13	3	12	„	16	1	42	„	17	8	48	„	14	10	18	Af.	15	3	42	Mn.
19	0	12	„	21	10	48	Af.	23	5	48	„	20	7	18	„	21	0	48	Af.
24	9	18	Af.	27	7	54	„	29	2	54	„	26	4	24	„	27	10	0	Mn.
March.				March.															
2	6	24	Af.	5	4	54	Af.												
8	3	30	„	11	2	0	„												
14	0	30	„	17	11	0	Mn.												
20	9	36	Mn.																

SATELLITES OF URANUS AT MADRAS.

MEAN TIME OF GREATEST ELONGATION, 1901.

ARIEL.								UMBRIEL.								TITANIA.								OBERON.			
West.				East.				West.				East.				West.				East.				West and East.			
d.	h.	m.		d.	h.	m.		d.	h.	m.		d.	h.	m.		d.	h.	m.		d.	h.	m.		d.	h.	m.	
Mar.	8	2	18	After.	Mar.	12	9	0	Morn.	Mar.	7	7	42	Morn.	Mar.	9	9	18	Morn.	Mar.	9	5	42	Morn.	Mar.	13	2	0	After.	Mar.	29	3	59	After.	W
	16	3	42	Morn.		19	10	24	After.		15	2	24	After.		17	4	6	After.		17	10	18	After.		22	6	42	Morn.		27	9	6	Morn.	E
	23	5	6	After.		27	11	54	Morn.		23	8	18	„		25	11	0	„		26	3	12	„		30	11	48	After.	Apl.	3	2	54	„	W
	31	6	36	Morn.	Apl.	4	1	24	„	Apl.	1	4	13	Morn.	Apl.	3	6	0	Morn.	Apl.	4	8	24	Morn.		8	5	6	„		9	9	0	After.	E
Apl.	7	8	12	After.		11	3	0	After.		9	11	18	„		11	1	6	After.		13	1	48	„		17	10	42	Morn.		16	3	24	„	W
	15	9	48	Morn.		19	4	36	Morn.		17	6	36	After.		19	8	24	„		21	7	36	After.		26	4	30	„		23	9	54	Morn.	E
	22	11	24	After.		26	6	13	Aftr.		26	1	54	Morn.		28	3	42	Morn.		30	1	30	„	May	4	10	30	After.		30	4	42	„	W
	30	1	6	„	May	4	8	0	Morn.	May	4	9	18	„	May	6	11	6	„	May	9	7	42	Morn.		13	4	42	„	May	6	11	24	After.	E
May	8	2	54	After.		11	9	48	After.		12	4	42	After.		14	6	36	After.		18	1	48	„		22	11	0	Morn.		13	6	48	„	W
	15	4	42	After.		19	11	36	Morn.		21	0	18	Morn.		23	2	12	Morn.		26	8	12	After.		31	5	24	„		20	2	0	„	E
	23	6	30	Morn.		27	1	24	„		29	7	48	„	June	31	9	42	„	June	4	2	36	„		31	8	11	48	After.		27	9	12	Morn.	W
	30	8	18	After.	June	3	3	13	After.	June	6	3	24	After.		2	5	18	After.		6	9	0	Morn.		17	6	12	„	June	3	4	36	„	E
June	7	10	12	Morn.		5	5	6	Morn.		14	11	0	„		17	0	54	Morn.		17	6	30	„		26	6	30	„		9	11	54	After.	W
	14	12	0	Morn.		12	6	54	After.		23	6	36	Morn.		25	8	24	„		22	3	24	After.	July	5	6	48	Morn.		16	7	12	„	E
	22	1	48	After.		26	8	42	Morn.	July	1	2	6	After.	July	3	4	0	After.	July	3	9	42	After.		14	0	48	„		23	2	24	„	W
	30	3	36	Morn.	July	4	10	30	After.		9	9	30	„		11	11	24	„		18	9	42	Morn.		23	6	36	After.		30	9	30	Morn.	E
July	7	5	24	After.		11	0	18	„		18	4	54	Morn.		20	6	48	Morn.		27	3	30	„		31	0	18	„	July	7	4	30	„	W
	15	7	6	Morn.		19	2	0	Morn.		26	0	12	After.		28	2	0	After.	Aug.	4	9	0	After.		5	5	42	Morn.		13	11	24	„	S
	23	8	48	After.		26	3	42	After.	Aug.	3	7	24	„		5	8	12	„		13	2	24	After.		17	11	0	After.		20	6	0	After.	W
	30	10	30	Morn.	Aug.	3	5	18	Morn.		12	2	30	Morn.		14	4	18	Morn.		22	7	90	Morn.		26	4	0	„		27	0	30	„	S
	7	0	5	„		10	6	54	After.		20	9	36	„		22	11	18	„		31	0	24	„	Sept.	4	8	42	Morn.	Aug.	3	6	48	Morn.	W
Aug.	14	1	42	After.		18	8	21	Morn.		28	4	30	„		30	6	12	After.	Sept.	8	5	0	After.		13	1	12	„		10	0	54	After.	E
	22	3	12	Morn.		25	9	54	After.	Sept.	5	11	18	„	Sept.	8	1	0	Morn.		17	9	24	Morn.		21	5	30	After.		16	6	48	After.	W
	29	4	42	After.	Sept.	2	11	24	Morn.		14	6	0	Morn.		16	7	42	„		26	1	90	„		30	9	30	Morn.		23	9	30	„	E
Sept.	6	6	6	Morn.		10	0	48	„		22	0	36	After.		24	2	18	After.	Oct.	4	5	30	After.	Oct.	9	1	18	„		39	6	0	Morn.	W

THE SUN'S DECLINATION FOR 19(APPARENT NOON AT GREENWICH.

Date.	January.				February.				March.				April.				May.				June.			
	Apparent Declination.			Hourly Variation	Apparent Declination.			Hourly Variation	Apparent Declination.			Hourly Variation	Apparent Declination.			Hourly Variation	Apparent Declination.			Hourly Variation	Apparent Declination.			Hourly Variation
	°	′	″	″	°	′	″	″	°	′	″	″	°	′	″	″	°	′	″	″	°	′	″	″
1	S. 23	2	29·0	11·96	S. 17	12	25·7	42·40	S. 7	43	51·3	56·84	N. 4	23	3·7	57·90	N. 14	56	54·1	45·62	N. 21	59	57·1	20·82
2	22	57	28·3	18·10	16	55	19·1	43·15	7	21	3·5	57·11	4	46	11·0	57·70	15	15	1·5	44·99	22	8	5·3	19·86
3	22	52	0·1	14·24	16	37	54·7	43·88	6	58	9·7	57·36	5	9	13·2	57·48	15	32	53·8	44·36	22	15	56·3	18·89
4	22	46	6·6	15·38	16	20	13·0	44·59	6	35	10·0	57·60	5	32	10·0	57·25	15	50	36·7	43·71	22	23	12·0	17·92
5	22	39	42·0	16·50	16	2	14·3	45·29	6	12	4·8	57·82	5	55	1·0	57·00	16	7	52·0	43·05	22	30	10·3	16·94
6	22	32	52·4	17·62	15	43	59·0	45·97	5	48	5·5	58·03	6	17	45·9	56·74	16	24	57·3	42·38	22	36	45·0	15·95
7	22	25	35·1	18·73	15	25	27·5	46·64	5	25	39·5	58·22	6	40	24·3	56·46	16	41	46·3	41·70	22	42	56·0	14·96
8	22	17	53·2	19·84	15	6	40·2	47·29	5	2	20·1	58·39	7	2	56·0	56·17	16	58	18·7	41·00	22	48	43·0	13·96
9	22	9	44·9	20·93	14	47	37·8	47·92	4	38	56·7	58·55	7	25	20·6	55·87	17	14	34·2	40·29	22	54	6·1	12·96
10	22	1	8·7	22·01	14	28	20·3	48·56	4	15	29·6	58·70	7	47	37·8	55·55	17	30	32·8	39·47	22	59	5·1	11·95
11	21	52	7·5	23·08	14	8	48·3	49·13	3	51	59·3	58·82	8	9	47·2	55·22	17	46	13·4	38·83	23	3	39·7	10·94
12	21	42	40·8	24·14	13	48	2·1	49·71	3	28	26·1	58·94	8	31	48·4	54·88	18	1	36·5	38·09	23	7	50·0	9·92
13	21	32	48·7	25·19	13	29	2·3	50·27	3	4	59·3	59·04	8	53	41·3	54·52	18	16	41·5	37·33	23	11	35·9	8·90
14	21	22	31·5	26·23	13	8	49·1	50·82	2	41	12·4	59·11	9	15	25·4	54·15	18	31	28·1	36·55	23	14	57·3	7·88
15	21	11	49·6	27·25	12	48	23·1	51·34	2	17	32·8	59·18	9	37	0·3	53·76	18	45	56·1	35·77	23	17	54·1	6·85
16	21	0	43·3	28·26	12	27	44·6	51·85	1	53	51·7	59·23	9	58	25·8	53·56	19	0	5·1	34·98	23	20	26·2	5·83
17	20	49	12·9	29·26	12	6	54·2	52·34	1	30	9·6	59·27	10	19	41·4	52·94	19	13	55·0	34·17	23	22	33·7	4·80
18	20	37	18·6	30·25	11	45	52·2	52·81	1	6	26·9	59·29	10	40	46·8	52·51	19	27	25·3	33·35	23	24	16·4	3·76
19	20	25	0·9	31·22	11	24	32·1	53·27	0	42	43·9	59·29	11	1	41·7	52·06	19	40	35·8	32·52	23	25	34·3	2·73
20	20	12	20·1	32·18	11	3	15·4	53·70	S. 0	19	1·1	59·27	11	22	25·7	51·60	19	53	26·2	31·68	23	26	27·5	1·70
21	19	59	16·5	33·11	10	41	41·4	54·12	N. 0	4	41·1	59·24	11	42	58·4	51·12	20	5	56·2	30·82	23	26	55·8	0·66
22	19	45	50·6	34·04	10	19	57·6	54·52	0	28	22·5	59·20	12	3	19·6	50·63	20	18	5·7	29·96	23	26	59·4	0·37
23	19	32	2·7	34·95	9	58	4·3	54·90	0	52	2·5	59·13	12	23	28·8	50·13	20	29	54·4	29·09	23	26	58·2	1·40
24	19	17	53·2	35·84	9	36	2·2	55·27	1	15	40·8	59·05	12	43	25·8	49·61	20	41	22·0	28·20	23	25	52·2	2·43
25	19	3	22·5	36·71	9	13	51·5	55·62	1	39	17·0	58·96	13	3	10·1	49·08	20	52	28·2	27·31	23	24	41·5	3·46
26	18	48	30·9	37·58	8	51	32·6	55·95	2	2	50·8	58·85	13	22	41·5	48·53	21	3	13·0	26·41	23	23	6·1	4·49
27	18	33	18·9	38·42	8	29	6·0	56·26	2	26	21·9	58·73	13	41	59·7	47·98	21	13	35·9	25·50	23	21	6·1	5·51
28	18	17	46·9	39·25	8	6	32·9	56·56	2	49	49·8	58·59	14	1	4·4	47·41	21	23	36·9	24·58	23	18	41·4	6·54
29	18	1	55·1	40·06	...	...	...	...	3	13	14·3	58·44	14	19	55·2	46·82	21	33	15·7	23·65	23	15	52·2	7·56
30	17	45	44·1	40·85	...	...	...	...	3	36	35·0	58·28	14	38	31·9	46·23	21	42	32·2	22·71	23	12	38·5	8·58
31	17	29	14·1	41·63	...	...	...	...	3	59	51·6	58·10	...	...	...	...	21	51	26·0	21·77	...	...	...	...

THE SUN'S DECLINATION FOR 1901. APPARENT NOON AT GREENWICH—*concld.*

Date.	July.				August.				September.				October.				November.				December.			
	Apparent Declination.			Hourly Variation.	Apparent Declination.			Hourly Variation.	Apparent Declination.			Hourly Variation	Apparent Declination.			Hourly Variation	Apparent Declination.			Hourly Variation	Apparent Declination.			Hourly Variation
	°	′	″	″	°	′	″	′	°	′	″	″	°	′	″	″	°	′	″	″	°	′	″	″
1	N. 23	9	0·5	9·59	N. 18	8	37·9	37·41	N. 8	27	6·0	54·27	S. 3	0	51·4	58·27	S. 14	17	56·7	48·35	S. 21	44	57·0	23·77
2	23	4	58·2	10·60	17	53	31·2	38·15	8	5	19·4	54·61	3	24	9·1	58·19	14	37	10·2	47·77	21	54	15·0	22·73
3	23	0	31·6	11·61	17	38	6·9	38·87	7	43	24·9	54·93	3	47	24·6	58·09	14	56	9·6	47·18	22	3	7·8	21·67
4	22	55	40·9	12·61	17	22	25·3	39·59	7	21	22·8	55·24	4	10	37·6	57·98	15	14	54·6	46·56	22	11	35·0	20·69
5	22	50	26·3	13·61	17	6	26·7	40·29	6	59	13·4	55·54	4	33	47·7	57·85	15	33	24·5	45·93	22	19	36·5	19·52
6	22	44	47·7	14·60	16	50	11·4	40·98	6	36	57·1	55·82	4	56	54·6	57·71	15	51	39·1	45·28	22	27	11·9	18·43
7	22	38	45·4	15·59	16	33	39·7	41·66	6	14	34·2	56·09	5	19	57·9	57·55	16	9	37·9	44·61	22	34	21·0	17·33
8	22	32	19·5	16·57	16	16	51·8	42·33	5	52	4·9	56·34	5	42	57·2	57·38	16	27	20·6	43·93	22	41	3·6	16·22
9	22	25	30·1	17·54	15	59	48·1	42·98	5	29	29·7	56·58	6	5	52·2	57·19	16	44	46·6	43·23	22	47	19·5	15·10
10	22	18	17·5	18·51	15	42	29·0	43·61	5	6	48·9	56·81	6	28	42·4	56·99	17	1	55·6	42·51	22	53	8·5	13·98
11	22	10	41·7	19·47	15	24	54·7	44·24	4	44	2·9	57·02	6	51	27·5	56·76	17	18	47·2	41·78	22	58	30·3	12·84
12	22	2	43·0	20·42	15	7	5·5	44·85	4	21	12·0	57·22	7	14	7·0	56·52	17	35	20·9	41·02	23	3	24·9	11·70
13	21	54	21·5	21·36	14	49	1·8	45·45	3	58	16·5	57·40	7	36	40·6	56·27	17	51	86·3	40·25	23	7	52·0	10·55
14	21	45	37·5	22·30	14	30	44·0	46·03	3	35	16·8	57·57	7	59	8·0	56·00	18	7	33·1	39·47	23	11	51·5	9·40
15	21	36	31·2	23·22	14	12	12·3	46·60	3	12	13·2	57·72	8	21	28·6	55·71	18	23	10·9	38·67	23	15	23·2	8·24
16	21	27	2·8	24·14	13	53	27·5	47·16	2	49	6·2	57·86	8	43	42·1	55·41	18	38	29·1	37·85	23	18	27·1	7·08
17	21	17	12·5	25·05	13	34	28·6	47·70	2	25	56·0	57·99	9	5	48·2	55·09	18	53	27·6	37·01	23	21	3·0	5·91
18	21	7	0·5	25·95	13	15	17·3	48·23	2	2	42·3	58·10	9	27	46·4	54·75	19	8	5·8	36·16	23	23	10·8	4·74
19	20	56	23·1	26·83	12	55	53·5	48·75	1	39	27·4	58·19	9	49	36·3	54·40	19	22	23·4	35·29	23	24	50·5	3·57
20	20	45	32·5	27·71	12	36	17·5	49·25	1	16	9·7	58·28	10	11	17·5	54·03	19	36	19·9	34·41	23	26	2·1	2·39
21	20	34	17·1	28·57	12	16	29·5	49·74	0	52	50·2	58·34	10	32	49·7	53·65	19	49	55·2	33·52	23	26	45·4	1·21
22	20	22	41·0	29·43	11	56	30·0	50·21	0	29	29·2	58·40	10	54	12·5	53·25	20	33	8·7	32·60	23	27	0·4	0·04
23	20	10	44·4	30·28	11	36	19·2	50·68	N. 0	6	7·1	58·44	11	15	25·5	52·83	20	16	0·2	31·68	23	26	47·1	1·14
24	19	58	27·7	31·11	11	15	57·4	51·13	S. 0	17	15·8	58·46	11	36	28·2	52·39	20	28	39·2	30·74	23	26	5·6	2·32
25	19	45	51·0	31·94	10	55	25·0	51·56	0	40	39·2	58·48	11	57	20·4	51·95	20	40	35·5	29·78	23	24	55·7	3·50
26	19	32	54·6	32·75	10	34	42·3	51·99	1	4	2·7	58·48	12	18	1·6	51·48	20	52	18·7	28·81	23	23	17·6	4·68
27	19	19	38·8	33·56	10	13	49·5	52·40	1	27	26·1	58·46	12	38	31·4	51·00	21	3	38·4	27·83	23	21	11·2	5·85
28	19	6	3·9	34·35	9	52	47·1	52·86	1	50	49·0	58·44	12	58	49·5	50·50	21	14	34·4	26·83	23	18	36·6	7·03
29	18	52	10·1	35·13	9	31	35·2	53·19	2	14	11·1	58·40	13	18	55·4	49·99	21	25	6·4	25·83	23	15	33·9	8·20
30	18	37	57·6	35·90	9	10	14·2	53·56	2	37	32·0	57·34	13	38	48·9	49·46	21	35	14·0	24·80	23	12	3·2	9·36
31	18	23	26·8	36·66	8	48	44·4	53·92	...	...	...	...	13	58	29·4	48·91	...	...	...	...	23	8	4·6	10·52

EQUATION OF TIME AND HOURLY VARIATION FOR 1901. APPARENT NOON AT GREENWICH.

Date.	January.			February.			March.			April.			May.			June.		
	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation.
	m	s	s	m	s	s	m	s	s	m	s	s	m	s	s	m	s	s
1	+ 3	34·07	1·185	+13	45·60	0·342	+12	38·34	0·486	+ 4	6·71	0·760	−2	55·41	0·327	−2	30·01	0·362
2	4	2·35	1·171	13	53·39	0·307	12	26·40	0·503	3	48·53	0·755	3	2·99	0·305	2	21·12	0·379
3	4	30·27	1·155	14	0·35	0·273	12	13·95	0·529	3	30·46	0·750	3	10·03	0·282	2	11·84	0·394
4	4	57·81	1·139	14	6·48	0·239	12	1·02	0·548	3	12·52	0·744	3	16·53	0·259	2	2·19	0·410
5	5	24·94	1·122	14	11·81	0·205	11	47·63	0·567	2	54·75	0·737	3	22·48	0·236	1	52·16	0·425
6	5	51·65	1·103	14	16·33	0·172	11	33·79	0·585	2	37·15	0·729	3	27·86	0·212	1	41·79	0·439
7	6	17·90	1·084	14	20·05	0·139	11	19·53	0·602	2	19·75	0·720	3	32·67	0·188	1	31·08	0·453
8	6	43·68	1·064	14	22·98	0·106	11	4·88	0·618	2	2·58	0·711	3	36·90	0·164	1	20·06	0·465
9	7	8·95	1·042	14	25·13	0·073	10	49·83	0·634	1	45·64	0·700	3	40·54	0·139	1	8·73	0·478
10	7	33·71	1·020	14	26·50	0·041	10	34·47	0·648	1	28·97	0·689	3	43·59	0·115	0	57·11	0·489
11	7	57·91	0·997	14	27·11	0·010	10	18·76	0·661	1	12·57	0·677	3	46·05	0·090	0	45·24	0·500
12	8	21·55	0·972	14	26·96	0·022	10	2·74	0·674	0	56·48	0·664	3	47·92	0·065	0	33·12	0·509
13	8	44·59	0·947	14	26·06	0·053	9	46·43	0·685	0	40·71	0·650	3	49·18	0·040	0	20·80	0·518
14	9	7·02	0·921	14	24·43	0·083	9	29·85	0·696	0	25·26	0·636	3	49·86	0·016	−0	8·28	0·525
15	9	28·82	0·895	14	22·08	0·113	9	13·08	0·705	+ 0	10·17	0·621	3	49·94	0·009	+0	4·41	0·531
16	9	49·97	0·867	14	19·00	0·143	8	55·99	0·714	− 0	4·56	0·606	3	49·44	0·033	0	17·22	0·536
17	10	10·44	0·838	14	15·22	0·172	8	38·74	0·723	0	18·92	0·590	3	48·36	0·057	0	30·14	0·540
18	10	30·31	0·809	14	10·74	0·201	8	21·30	0·730	0	32·90	0·574	3	46·71	0·080	0	43·14	0·543
19	10	49·28	0·779	14	5·56	0·230	8	3·69	0·737	0	46·48	0·558	3	44·51	0·103	0	56·19	0·544
20	11	7·62	0·749	13	59·71	0·258	7	45·98	0·743	0	59·66	0·541	3	41·76	0·126	1	9·26	0·544
21	11	25·21	0·717	13	53·18	0·286	7	28·02	0·749	1	12·43	0·523	3	38·47	0·148	1	22·32	0·544
22	11	42·03	0·685	13	46·00	0·313	7	9·99	0·754	1	24·78	0·506	3	34·66	0·170	1	35·36	0·542
23	11	58·07	0·652	13	38·16	0·340	6	51·85	0·758	1	36·71	0·488	3	30·34	0·191	1	48·34	0·539
24	12	13·32	0·618	13	29·69	0·366	6	33·62	0·761	1	48·19	0·469	3	25·51	0·211	2	1·24	0·535
25	12	27·76	0·584	13	20·60	0·391	6	15·32	0·764	1	59·23	0·450	3	20·19	0·232	2	14·04	0·531
26	12	41·37	0·550	13	10·90	0·416	5	56·95	0·766	2	9·81	0·431	3	14·39	0·252	2	26·71	0·525
27	12	54·16	0·516	13	0·61	0·441	5	38·55	0·767	2	19·92	0·411	3	8·11	0·271	2	39·24	0·519
28	13	6·12	0·481	12	49·75	0·464	5	20·13	0·767	2	29·54	0·391	3	1·37	0·290	2	51·60	0·511
29	13	17·24	0·446	...	...	...	5	1·72	0·767	2	38·67	0·370	2	54·18	0·309	3	3·77	0·503
30	13	27·53	0·411	...	...	...	4	43·33	0·765	2	47·30	0·349	2	46·55	0·327	3	15·74	0·494
31	13	36·98	0·376	..	...	...	4	24·99	0·763	...	...	...	2	38·49	0·345	...	...	..

+ Means added to, and − subtracted from apparent time.

EQUATION OF TIME AND HOURLY VARIATION FOR 1901. APPARENT NOON AT GREENWICH—*concld.*

Date.	July.			August.			September.			October.			November.			December.		
	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation.	Equation of Time.		Hourly Variation.
	m	s	s	m	s	s	m	s	s	m	s	s	m	s	s	m	s	s
1	+3	27·48	0·484	+6	8·10	0·139	+0	3·53	0·781	−10	10·45	0·807	−16	9·63	0·076	−11	2·29	0·926
2	3	38·97	0·473	6	4·46	0·164	−0	15·37	0·793	10	29·67	0·794	16	21·06	0·042	10	39·72	0·954
3	3	50·20	0·462	6	0·73	0·188	0	34·53	0·804	10	48·57	0·781	16	21·66	0·008	10	16·49	0·981
4	4	1·16	0·450	5	55·42	0·213	0	53·95	0·814	11	7·14	0·766	16	21·43	0·027	9	52·63	1·007
5	4	11·82	0·438	5	50·02	0·237	1	13·60	0·823	11	25·35	0·751	16	20·36	0·062	9	28·17	1·031
6	4	22·17	0·424	5	44·08	0·261	1	33·47	0·832	11	43·17	0·734	16	18·45	0·097	9	3·13	1·055
7	4	32·19	0·410	5	37·47	0·285	1	53·53	0·840	12	0·60	0·717	16	15·69	0·133	8	37·54	1·077
8	4	41·86	0·395	5	30·34	0·309	2	13·78	0·847	12	17·61	0·700	16	12·08	0·168	8	11·44	1·098
9	4	51·17	0·380	5	22·65	0·332	2	34·19	0·853	12	34·18	0·681	16	7·61	0·204	7	44·84	1·118
10	5	0·11	0·364	5	14·40	0·356	2	54·74	0·859	12	50·31	0·662	16	2·30	0·239	7	17·78	1·136
11	5	8·65	0·347	5	5·58	0·379	3	15·43	0·865	13	5·97	0·643	15	56·13	0·275	6	50·30	1·153
12	5	16·77	0·329	4	56·21	0·402	3	36·25	0·869	13	21·15	0·622	15	49·11	0·310	6	22·42	1·169
13	5	24·46	0·311	4	46·28	0·425	3	57·16	0·873	13	35·83	0·601	15	41·25	0·345	5	54·18	1·183
14	5	31·69	0·291	4	35·81	0·448	4	18·16	0·876	13	49·99	0·579	15	32·55	0·380	5	25·63	1·196
15	5	38·45	0·271	4	24·79	0·470	4	39·23	0·879	14	3·63	0·557	15	23·01	0·415	4	56·78	1·207
16	5	44·72	0·251	4	13·24	0·492	5	0·35	0·881	14	16·73	0·534	15	12·63	0·450	4	27·68	1·217
17	5	50·48	0·229	4	1·16	0·514	5	21·50	0·882	14	29·27	0·510	15	1·43	0·484	3	58·36	1·225
18	5	55·71	0·207	3	48·55	0·536	5	42·68	0·883	14	41·25	0·486	14	49·41	0·518	3	28·86	1·232
19	6	0·40	0·184	3	35·42	0·558	6	3·86	0·882	14	52·61	0·461	14	36·57	0·552	2	59·22	1·238
20	6	4·54	0·161	3	21·78	0·579	6	25·01	0·880	15	3·38	0·436	14	22·93	0·585	2	29·46	1·241
21	6	8·11	0·137	3	7·65	0·599	6	46·12	0·878	15	13·53	0·410	14	8·50	0·618	1	59·63	1·244
22	6	11·11	0·113	2	53·04	0·619	7	7·18	0·876	15	23·05	0·383	13	53·29	0·650	1	29·75	1·245
23	6	13·52	0·088	2	37·95	0·638	7	28·16	0·872	15	31·92	0·356	13	37·29	0·683	0	59·85	1·245
24	6	15·34	0·063	2	22·41	0·657	7	49·09	0·868	15	40·12	0·328	13	20·52	0·715	0	29·97	1·244
25	6	16·56	0·038	2	6·43	0·675	8	9·80	0·862	15	47·64	0·299	13	2·93	0·746	− 0	0·13	1·242
26	6	17·18	0·013	1	50·01	0·693	8	30·41	0·855	15	54·45	0·269	12	44·69	0·777	+ 0	29·64	1·238
27	6	17·19	0·012	1	33·18	0·709	8	50·86	0·848	16	0·55	0·239	12	25·66	0·808	0	59·30	1·233
28	6	16·59	0·038	1	15·96	0·725	9	11·11	0·839	16	5·91	0·208	12	5·89	0·839	1	28·84	1·227
29	6	15·38	0·063	0	58·37	0·740	9	31·14	0·830	16	10·52	0·176	11	45·39	0·869	1	58·22	1·220
30	6	13·56	0·089	0	40·42	0·755	9	50·93	0·819	16	14·35	0·143	11	24·19	0·898	2	27·41	1·202
31	6	11·13	0·114	0	22·13	0·769	...	...	...	16	17·39	0·110	...	...	...	2	56·38	1·202

+ Means added to, and − subtracted from apparent time.

75

MEAN BAROMETRIC PRESSURE, TEMPERATU[RE], DIRECTION OF WIND, AND RAINFALL AT MADRAS.

Date.	Barometer reduced to 32° and Sea Level.	Dry Bulb Thermometer in Shade.	Prevailing Direction of Wind.	Rainfall from January 1st.	Date.	Barometer reduced to 32° and Sea Level.	Dry Bulb Thermometer in Shade.	Prevailing Direction of Wind.	Rainfall from January 1st.	Date.	Barometer reduced to 32° and Sea Level.	Dry Bulb Thermometer in Shade.	Prevailing Direction of Wind.	Rainfall from January 1st.
	Inches.	Degrees.	Points.	Inches.		Inches.	Degrees.	Points.	Inches.		Inches.	Degrees.	Points.	Inches.
Jan.....1	30·03	75	N. E. by N.	0·0	May.....1	29·81	86	S. S. E.	2·3	Sept. ...3	29·78	83	S. W. by S.	15·3
6	30·03	75	N. E.	0·2	6	29·79	86	S. by E.	2·7	8	29·79	83	S. W. by S.	16·1
11	30·03	75	N. E.	0·3	11	29·77	87	S. by E.	3·2	13	29·80	83	S. W. by S.	16·9
16	30·03	75	N. E.	0·6	16	29·76	87	S. by E.	3·4	18	29·81	83	S. W. by S.	17·9
21	30·02	75	N. E. by E.	0·7	21	29·74	87	South.	3·8	23	29·81	83	S. S. W.	18·6
26	30·01	75	E. N. E.	0·8	26	29·72	88	South.	4·1	28	29·82	83	S S. W.	19·3
31	30·01	76	E. by N.	0·9	31	29·71	87	S by W.	4·3	Oct.....3	29·83	82	S. by W.	20·2
										8	29·85	82	S. E.	21·4
Feb.....5	30·00	76	East.	1·0	June.....5	29·71	87	S. S. W.	4·6	13	29·86	81	E. by N.	22·8
10	30·00	76	East.	1·1	10	29·71	87	S. W. by S.	4·9	18	29·87	80	N. E. by E.	24·3
15	29·99	77	E. by S.	1·1	15	29·72	86	S. W. by S.	5·3	23	29·88	80	N. E. by N.	26·6
20	29·99	77	E. by S.	1·2	20	29·73	86	S. W.	5·8	28	29·90	79	N. N. E.	28·6
25	29·97	77	E. by S.	1·2	25	29·74	86	S. W. by S	6·1	Nov.....2	29·91	79	N. E. by N.	31·8
					30	29·73	86	S. W. by S.	6·4	7	29·93	78	N. E. by N.	34·0
March...2	29·96	78	E. S. E.	1·2						12	29·95	78	N. E. by N.	36·1
7	29·95	79	S. E. by E.	1·2	July.....5	29·74	85	S. W. by S.	6·9	17	29·96	77	N. N. E.	38·5
12	29·95	79	S. E. by E.	1·2	10	29·74	84	S. W.	7·5	22	29·97	77	N. N. E.	40·5
17	29·93	80	S. E.	1·3	15	29·74	84	S. W.	8·2	27	29·97	77	N. N. E.	42·5
22	29·91	81	S. E.	1·3	20	29·74	84	S. W.	8·9					
27	29·90	82	S. E. by S.	1·4	25	29·75	84	S. W	9·6	Dec.....2	29·98	76	N. N. E.	44·5
					30	29·75	84	S. W.	10·1	7	29·98	76	N. N. E.	45·9
April 1	29·89	82	S. E. by S.	1·6						12	29·99	76	N. E. by N.	46·5
6	29·87	83	S. E. by S.	1·7	August...4	29·76	83	S. W. by S.	10·9	17	30·01	76	N. E. by N.	47·6
11	29·86	84	S. E. by S.	1·7	9	29·77	83	S. W. by S.	11·6	22	30·02	75	N. N. E.	48·2
16	29·85	84	S. E. by S.	1·8	14	29·77	83	S. W. by S.	12·3	27	30·03	75	N. N. E.	48·7
21	29·84	85	S. E. by S.	1·9	19	29·78	84	S. W. by S.	13·0					
26	29·82	85	S. E by S.	2·1	24	29·78	84	S. W. by S.	13·7	Jan.....1	30·03	75	N. E. by N.	49·0
					29	29·77	83	S. W. by S.	14·6					

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.
					Summer months, April to September.							
Barometer. Inches	0·00	— 0·01	— 0·01	— 0·01	0·00	+ 0·01	+ 0·03	+ 0·05	+ 0·06	+ 0·05	+ 0·04	+ 0·01
Thermometer. Degrees	— 4	— 5	— 5	— 6	— 6	— 6	— 4	— 1	+ 1	+ 4	+ 6	+ 7
					*Winter months, October to March.							
Barometer. Inches	0·00	— 0·02	— 0·03	— 0·03	— 0·02	0·00	+ 0·02	+ 0·04	+ 0·06	+ 0·06	+ 0·04	+ 0·02
Thermometer. Degrees	— 3	— 4	— 5	— 5	— 6	— 6	— 5	— 2	+ 1	+ 4	+ 5	+ 6

AFTERNOON HOURS.

	1	2	3	4	5	6	7	8	9	10	11	Midn.
					Summer months, April to September.							
Barometer. Inches	— 0·01	— 0·04	— 0·06	— 0·07	— 0·06	— 0·05	— 0·03	0·00	+ 0·02	+ 0·03	+ 0·03	+ 0·02
Thermometer. Degrees	+ 8	+ 8	+ 7	+ 6	+ 4	+ 1	— 1	— 2	— 2	— 3	— 3	— 4
					Winter months, October to March.							
Barometer. Inches	— 0·01	— 0·04	— 0·05	— 0·06	— 0·05	— 0·03	— 0·01	+ 0·01	+ 0·03	+ 0·03	+ 0·02	+ 0·01
Thermometer. Degrees	+ 6	+ 6	+ 6	+ 5	+ 3	+ 2	0	0	— 1	— 1	— 2	— 3

EXAMPLES.

1.—Required the Mean Barometric Pressure and Temperature at 7 o'clock in the morning on January 6th? The mean daily values from the table on page 60 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 5th? The mean daily values from the table are 29·71 inches and 87 degrees. The Summer Hourly Variations for 3 afternoon are —0·06 inch and + 7 degrees. The required values are therefore 29·65 inches and 94 degrees.

The readings of a mercurial Barometer require 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 0·01 inch less than the numbers given, for every successive rise of nine feet above the mean Sea Level.

N. R. POGSON,
Government Astronomer.

MADRAS OBSERVATORY,
October, 1888.

GEOGRAPHICAL POSITIONS, ELEVATIONS, &c., OF THE PRINCIPAL STATIONS IN AND NEAR INDIA.

Names of Places.	North Latitude.		Longitude East of Greenwich. Arc.		Time.			Height above the Sea Level.	East variation of Compass from the North.		Dip of the Magnetic Needle.			Mean Annual Temperature.
	°	′	°	′	h.	m.	s.	Feet.	°	′	°	′		°
Agra	27	9	78	2	5	12	7	657	2	46	36	2	N	78
Allahabad	25	26	81	52	5	27	28	316	1	41	32	30	N	81
Alleppey	9	30	76	20	5	5	20	—			1	41	S	—
Arcot	12	54	79	19	5	17	16	599	0	52	7	0	N	82
Bangalore	12	58	77	36	5	10	23	2,989	0	49	7	7	N	74
Beypore	11	10	75	51	5	3	23	—	0	23	4	0		—
Bellary	15	9	76	54	5	7	35	1,538	0	21	12	0	N	80
Benares	25	18	83	0	5	32	0	347	1	50	32	1	N	80
Bhopal	23	13	77	25	5	9	40	—	0	55	28	0	N	—
Bombay [Colaba Observatory]	18	54	72	49	4	51	16	38	0	19	19	7	N	80
Cabool	34	27	69	8	4	36	32	—	2	15	46	30	N	—
Calcutta	22	33	88	21	5	53	22	18	0	25	28	15	N	78
Calicut	11	15	75	45	5	3	2	0	0	25	3	45	N	81
Cannanore	11	51	75	21	5	1	25	0	0	22	5	15	N	81
Cape Comorin	8	3	77	35	5	10	20	—	0	30	3	30	S	—
Cashmere [Srinagur]	34	5	74	49	4	59	16	5,146	3	10	46	30	N	57
Chiculda	21	24	75	56	5	3	44	—	1	54	25	42	N	—
Cochin	9	58	76	14	5	4	54	0	0	22	0	0		81
Coimbatore	11	1	76	58	5	7	52	1,483	0	39	3	0	N	77
Colombo	6	57	79	50	5	19	19	18	0	40	5	0	S	80
Cuddalore	11	44	79	46	5	19	3	0	0	55	5	0	N	83
Cuddapah	14	29	78	48	5	15	14	364	0	50	10	30	N	83
Darjeeling	27	3	88	15	5	53	1	7,168	2	48	37	0	N	54
Dehra Doon	30	20	78	6	5	12	24	2,289	2	54	41	25	N	—
Delhi	28	39	77	13	5	8	52	827	1	40	37	20	N	74
French Rocks	12	31	76	40	5	6	40	2,620	0	39	6	0	N	78
Galle	6	3	80	11	5	20	43	21	0	41	7	41	S	81
Ganjam	19	22	85	7	5	40	28	—	1	40	20	0	N	—
Gohatti	26	6	91	44	6	6	55	134	2	0	35	9	N	76
Gooty	15	7	77	33	5	10	32	1,115	0	40	11	41	N	81
[illegible]ingoor	16	18	80	26	5	21	42	0	1	5	14	15	N	82
[illegible]dukanal (Lake)	10	13	77	30	5	10	1	6,870	—	—	—	—		59
[illegible]rnool	15	50	78	6	5	12	8	900	1	21	13	43	N	83
Lahore	31	31	74	15	4	56	58	839	2	2	43	17	N	75
Lucknow	26	51	80	55	5	23	42	535	2	37	35	19	N	76
Madras [Observatory]	13	4	80	14	5	20	59	22	1	0	7	44	N	81
Madura	9	55	78	6	5	12	25	609	0	35	0	0		85
Mangalore	12	52	74	49	4	59	17	0	0	20	7	24	N	81
Masulipatam	16	9	81	12	5	24	47	0	1	10	14	0	N	84
Meerut	28	59	77	44	5	10	56	—	2	46	39	7	N	—
Moorshedabad	24	12	88	10	5	52	40	0	2	20	32	0	N	80
Moulmein	16	30	97	46	6	31	2	0	2	20	17	45	N	—
Mooltan	30	10	71	35	4	46	18	480	0	54	40	0	N	77
Mussoorie	30	28	78	7	5	12	12	6,928	2	30	41	28	N	58
Mysore	12	18	76	42	5	6	47	—	0	30	5	5	N	—
Nagpore	21	10	79	7	5	16	28	935	1	0	24	30	N	82
Negapatam	10	46	79	53	5	19	32	—	0	55	1	45	N	—
Nellore	14	28	79	58	5	19	53	81	1	0	11	0	N	82
Ootacamund	11	26	76	43	5	6	53	7,490	0	57	4	27	N	56
Orissa	20	0	84	0	5	36	0	—	—		—	—		—
Patna in Behar	25	37	85	8	5	40	30	170	1	54	33	33	N	78
Penang	5	28	100	22	6	41	28	0	—		—			81
Pondicherry	11	56	79	49	5	19	16	0	0	55	5	0	N	85
Poonah	18	30	73	52	4	55	28	1,784	0	25	19	2	N	75
Port Blair	11	42	92	57	6	11	48	0	2	10	—	—		—
Rajahmundry	17	11	81	47	5	27	6	81	1	25	16	24	N	82
Ramassiram	9	18	79	21	5	17	24	—	0	50	1	0	S	—
Rangoon	16	45	96	17	6	25	8	40	2	30	17	45	N	79
Salem	11	39	78	8	5	12	34	907	0	42	4	45	N	81
Secunderabad	17	27	78	32	5	13	52	1,800	1	34	17	17	N	77
Simla	31	6	77	9	5	8	38	7,057	2	55	42	30	N	58
Singapore	1	18	103	53	6	55	32	0	—		—			81
Surat	21	16	72	52	4	51	28	0	0	25	24	30	N	—
Tanjore	10	47	79	10	5	16	42	—	0	50	2	0	N	—
Tinnevelly	8	44	77	40	5	10	42	120	1	58	2	0	N	85
Trichinopoly	10	50	78	41	5	14	44	448	0	45	2	0	N	85
Trivandrum [Observatory]	8	31	77	0	5	7	44	0	0	42	2	30	N	79
Viragapatam	17	41	83	21	5	33	24	0	1	30	17	0	N	83
Vumpurthy	16	22	77	4	5	12	12	1,516	—	—	—	—		—
Wellington	11	23	86	46	5	7	4	5,860	0	57	4		N	67

MADRAS OBSERVATORY RAIN REGISTER.

Showing the Monthly Fall and number of Rainy Days during the 87 years, 1813 to 1869, and 85 Year Means.

(Communicated and revised by the Government Astronomer.)

Year	Jan.		Feb.		March		April		May		June		July		Aug.		Sep.		Oct.		Nov.		Dec.		Annual.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
1813	...	...	...	...	0·43	1	...	...	0·28	2	2·70	6	1·28	6	0·83	4	2·33	4	5·10	7	28·18	16	3·98	4	45·11	50
1814	0·08	1	...	...	...	...	...	...	...	...	...	...	1·60	6	4·83	8	8·45	16	7·10	10	6·65	9	3·70	8	32·41	58
1815	1·65	3	...	...	...	...	...	...	...	...	...	...	6·47	7	0·80	3	2·85	8	6·25	12	33·18	14	4·80	5	56·00	52
1816	0·10	1	0·73	2	...	...	...	...	0·20	3	0·45	1	5·08	12	5·20	13	9·05	9	6·58	9	12·32	11	1·45	3	41·16	62
1817	0·85	1	...	...	...	...	...	...	0·20	4	0·16	4	1·60	4	3·48	9	7·67	11	19·52	11	24·33	16	6·25	10	68·56	70
1818	...	...	...	...	...	...	0·60	1	...	...	0·75	6	11·75	10	6·45	13	5·40	8	17·90	18	25·63	17	7·77	8	76·25	81
1819	...	...	...	...	...	...	2·65	4	...	...	0·13	1	3·28	11	1·10	6	14·89	8	3·00	5	10·67	12	0·71	2	36·33	49
1820	...	...	...	...	6·75	2	0·50	1	17·17	5	0·85	3	4·12	9	3·32	8	1·70	7	12·28	7	4·15	9	19·17	9	70·01	60
1821	3·60	5	...	...	0·32	1	1·70	1	...	...	1·10	2	1·20	8	3·18	8	7·30	14	18·03	12	11·35	8	4·35	3	47·13	63
1822	2·30	3	...	...	...	...	0·62	1	...	...	1·77	6	0·55	7	6·70	13	2·43	5	20·57	14	21·40	20	3·27	7	59·61	76
1823	1·45	4	...	...	0·93	4	...	...	0·27	2	2·05	4	2·87	6	3·15	7	4·40	9	10·40	7	·0·90	2	0·20	2	26·02	47
1824	1·27	3	...	...	...	...	...	...	0·05	1	0·45	5	0·25	3	2·65	10	0·48	3	14·35	17	10·27	13	3·95	7	33·72	62
1825	0·17	1	...	...	...	...	...	...	4·25	2	1·50	7	3·07	11	7·67	11	3·50	8	17·47	9	11·07	13	7·35	8	56·05	70
1826	...	...	...	...	...	...	...	...	1·05	1	7·77	12	9·58	13	2·32	14	0·83	7	26·93	21	11·05	14	6·73	14	60·73	93
1827	3·60	7	0·07	1	...	...	...	...	23·90	8	3·02	9	2·10	12	2·52	14	4·44	11	0·83	10	22·12	13	5·98	6	88·66	93
1828	1·82	5	...	...	4·36	5	0·72	4	0·40	2	0·13	3	3·37	10	7·30	10	5·72	14	9·30	15	2·61	12	2·46	7	37·89	87
1829	0·27	2	3·16	9	0·89	3	0·05	2	1·42	3	2·75	7	1·77	10	2·94	9	2·99	14	6·15	10	8·99	11	5·49	10	36·87	90
1830	...	...	...	...	0·20	3	0·31	2	0·29	4	2·89	7	7·20	19	2·73	17	4·27	10	6·32	17	3·87	7	4·45	9	32·43	95
1831	0·04	1	...	...	0·17	1	...	...	0·94	1	3·90	8	3·13	13	9·50	18	7·20	15	9·85	10	7·93	10	2·19	7	44·35	86
1832	...	...	0·10	1	...	...	...	...	0·63	11	0·51	5	1·55	10	2·26	15	7·71	13	5·23	8	0·41	3	...	...	18·45	56
1833	0·18	1	...	...	...	...	...	...	0·33	2	1·46	5	1·17	13	7·11	8	3·93	11	9·69	13	9·97	17	3·27	5	37·11	75
1834	0·06	2	...	...	...	...	...	...	0·20	2	2·43	12	7·08	17	4·10	7	4·87	9	7·04	9	7·96	11	1·61	4	39·00	76
1835	0·06	1	...	...	...	...	3·63	3	1·75	2	0·86	7	5·31	13	3·01	10	8·26	9	11·09	13	10·96	13	1·57	5	41·47	78
1836	...	...	0·82	1	0·15	1	3·60	6	...	...	0·50	3	4·68	14	3·00	12	0·94	7	8·51	3	18·64	7	2·02	7	44·78	58
1837	...	...	...	...	...	...	2·23	2	2·56	2	0·18	2	2·65	9	1·69	8	3·80	9	15·79	13	...	...	3·19	8	49·26	63

MADRAS OBSERVATORY RAIN REGISTER, MONTHLY FALL AND NUMBER OF RAINY DAYS.

Year	Jan.		Feb.		March		April		May		June		July		Aug.		Sep.		Oct.		Nov.		Dec.		Annual.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
1838	...	...	1·33	2	0·59	1	0·77	1	0·54	1	0·88	5	2·37	10	4·69	8	8·78	6	6·27	9	21·89	15	4·22	3	52·33	61
1839	3·34	4	...	...	...	...	1·62	2	0·69	2	2·58	7	4·61	15	6·83	14	11·14	10	0·99	3	21·27	13	...	...	53·07	70
1839	3·34	4	...	...	...	...	0·03	1	...	...	0·48	4	4·43	10	7·82	6	8·86	13	10·16	7	27·25	12	0·12	2	58·65	55
1840	...	...	...	...	...	...	0·03	1	...	...	0·48	4	4·43	10	7·82	6	8·86	13	10·16	7	27·25	12	0·12	2	58·19	88
1841	1·99	3	...	...	...	...	0·44	1	4·44	5	3·97	9	1·44	8	8·66	21	5·01	11	24·73	18	6·28	10	1·23	2	36·48	86
1842	1·74	5	..	...	0·28	1	...	...	0·34	1	1·41	5	3·29	13	3·12	17	5·60	15	7·91	12	12·60	15	0·19	2	36·48	86
1843	6·50	7	0·02	1	0·74	1	0·04	2	14·11	7	1·90	5	1·37	7	2·23	11	4·20	12	6·31	18	5·27	5	7·59	9	50·28	85
1844	0·76	3	0·52	4	...	...	...	...	2·66	4	2·73	6	3·37	16	2·72	12	12·51	11	13·89	12	3·39	8	22·81	15	65·36	91
1845	1·64	3	...	...	0·02	1	0·04	1	1·51	3	2·23	7	2·90	17	1·95	14	4·05	10	3·30	9	4·91	8	15·10	11	37·65	84
1846	2·94	3	0·23	2	...	...	...	...	1·34	5	3·70	8	9·12	10	4·68	13	0·92	4	30·59	12	19·39	11	6·90	9	79·81	77
1847	..	...	0·22	4	...	...	0·45	3	0·73	2	3·79	17	3·09	17	9·71	13	5·87	10	16·32	19	18·66	14	22·15	14	80·99	113
1848	...	...	...	...	...	...	6·38	4	0·10	2	1·86	12	3·87	11	5·13	14	3·09	12	13·93	14	17·29	18	3·11	10	54·76	97
1849	2·50	6	...	...	...	...	1·12	5	0·04	1	3·90	15	3·58	18	4·89	5	1·65	16	9·19	8	6·14	14	6·80	5	39·81	93
1850	0·04	1	4·27	3	...	...	0·98	2	2·94	2	2·02	19	1·53	14	3·06	13	3·04	6	4·32	14	8·12	13	5·66	11	36·88	98
1851	...	...	...	...	...	...	...	...	18·60	7	1·26	8	6·50	16	4·34	10	1·69	7	5·63	9	24·85	15	1·45	2	64·32	74
1852	...	...	...	...	2·62	4	..	...	2·22	5	1·89	9	8·00	15	2·26	12	6·78	11	20·60	15	19·40	16	8·92	14	72·69	101
1853	2·25	11	...	...	3·37	5	0·77	1	...	...	0·62	7	4·14	11	1·38	9	2·23	9	9·07	14	11·99	11	...	...	35·82	78
1854	0·42	3	0·30	1	0·09	1	..	...	...	...	1·15	6	4·30	14	7·05	10	6·37	11	10·22	16	9·28	19	4·02	13	43·20	94
1855	0·94	6	0·68	2	0·26	1	0·07	1	...	...	1·12	7	2·69	15	1·65	9	3·75	8	10·61	17	1·47	5	9·08	10	32·32	81
1856	...	...	0·03	1	...	...	0·01	1	5·51	8	0·82	9	3·32	10	5·65	16	1·96	6	3·88	5	16·97	15	9·71	12	46·99	83
1857	0·32	1	...	...	0·10	1	0·12	1	0·07	3	2·93	10	2·39	17	0·92	12	1·55	8	37·73	19	5·82	6	1·00	7	52·95	85
1858	...	...	0·02	1	...	...	0·88	3	3·03	8	1·63	5	3·08	16	2·11	8	3·61	9	12·07	15	22·12	22	...	...	48·50	87
1859	0·62	2	...	...	...	...	4·92	8	0·85	3	2·51	12	8·04	12	2·46	13	8·56	14	7·72	13	19·46	22	...	...	55·14	99
1860	...	...	...	...	...	...	...	...	...	...	1·75	6	2·07	19	2·47	13	4·97	16	14·07	15	2·08	4	0·23	5	27·64	78
1861	...	...	...	...	1·04	4	...	...	1·28	2	0·66	5	3·18	10	7·88	17	9·25	15	1·54	7	12·32	11	0·04	1	37·19	72
1862	0·49	7	...	...	0·01	1	...	...	0·60	1	3·67	11	4·53	9	4·56	16	3·60	13	8·20	8	5·52	15	7·00	14	38·18	95

MADRAS OBSERVATORY RAIN REGISTER, MONTHLY FALL AND NUMBER OF RAINY DAYS.

Year	Jan.		Feb.		March		April		May		June		July		Aug.		Sep.		Oct.		Nov.		Dec.		Annual.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
1863	1·95	2	...	...	0·67	2	5·05	6	0·12	1	1·07	8	7·07	17	3·14	18	3·04	15	17·09	12	2·03	10	13·38	8	54·61	99
1864	...	...	...	...	...	...	0·23	1	0·03	1	1·95	10	2·20	15	7·32	13	0·83	7	13·76	8	18·48	15	2·43	7	47·23	77
1865	0·20	1	...	...	...	...	0·02	1	0·38	6	1·40	11	2·02	12	7·19	19	1·28	6	5·82	11	17·76	14	5·57	5	41·64	86
1866	...	...	0·21	1	...	...	...	...	0·08	1	0·56	7	1·47	10	4·17	16	2·47	7	8·70	16	11·93	10	21·80	17	51·39	85
1867	0·17	1	...	...	...	...	0·11	2	0·07	1	1·86	10	1·89	9	6·70	11	2·43	14	9·39	14	7·37	9	0·38	5	21·37	79
1868	4·77	3	0·03	1	...	...	...	...	...	...	7·19	9	7·50	10	4·50	15	3·66	10	8·28	11	4·98	8	0·52	1	41·43	68
1869	0·02	1	..	...	0·04	1	0·12	1	...	...	1·94	9	5·19	16	4·40	12	4·57	16	3·45	12	8·85	22	3·73	11	32·31	104
1870	6·55	6	0·05	2	1·72	1	...	...	...	...	8·03	12	5·70	16	6·94	13	12·58	13	23·04	15	7·26	16	1·63	4	74·10	98
1871	0·44	3	0·02	1	1·19	3	0·01	1	0·31	2	2·84	13	8·88	15	1·43	10	8·18	11	6·21	12	26·41	18	0·43	5	56·55	94
1872	...	...	0·28	1	...	...	1·65	2	4·15	2	0·97	6	2·71	19	7·58	21	2·90	13	18·48	14	28·98	21	5·97	11	73·67	110
1873	0·01	1	6·28	4	...	...	1·87	2	0·02	1	1·96	11	2·23	11	3·39	13	3·02	10	10·61	20	13·51	17	9·43	6	51·83	96
1874	...	...	...	...	...	...	...	...	7·96	5	3·76	12	6·18	13	2·68	15	5·19	19	21·26	18	10·30	15	5·97	8	62·90	105
1875	0·03	1	...	...	1·18	1	0·76	1	0·07	2	0·86	5	1·76	12	7·04	13	4·60	14	6·47	17	11·19	16	3·18	12	37·12	94
1876	0·12	1	...	...	...	...	0·71	1	1·19	5	3·10	14	3·77	16	3·00	13	3·26	9	1·04	6	5·30	5	0·11	3	21·60	73
1877	0·01	1	...	...	0·09	1	...	...	21·27	6	2·36	9	1·22	9	2·49	19	3·15	13	8·56	14	21·25	17	5·86	9	66·20	98
1878	0·11	3	...	...	...	...	0·34	2	1·60	5	0·12	5	4·80	12	5·62	17	6·07	16	6·26	11	2·10	10	1·63	8	28·65	89
1879	1·30	5	...	...	1·50	3	...	...	4·48	4	2·10	16	4·30	14	6·61	18	0·54	8	18·23	18	16·91	14	4·33	7	54·25	107
1880	2·65	5	2·48	1	...	...	...	...	...	...	1·11	11	4·49	18	4·90	15	8·82	15	8·61	17	22·97	24	5·77	9	61·80	115
1881	0·52	3	..	...	...	...	...	...	0·26	1	2·33	16	2·60	12	5·08	12	8·11	16	1·91	5	15·40	14	7·83	12	44·04	91
1882	0·27	2	...	...	...	...	0·04	1	0·05	1	4·09	8	3·27	16	3·62	17	1·87	11	7·67	15	29·25	20	0·16	3	50·20	94
1883	0·24	3	0·07	1	...	..	...	...	..	...	2·31	12	6·38	19	2·98	11	0·56	6	22·18	21	14·92	12	10·90	7	60·54	92
1884	2·14	3	...	...	...	...	1·66	1	0·53	1	0·96	4	3·55	16	1·59	11	5·56	14	15·03	17	33·49	19	14·41	13	78·92	99
1885	0·01	1	...	...	0·59	2	...	...	0·07	1	3·26	13	0·59	11	3·45	16	5·28	10	7·90	15	21·60	11	5·13	13	47·88	93
1886	0·52	1	...	...	0·36	4	...	...	5·78	9	7·67	17	5·61	14	2·57	15	0·85	7	10·09	20	11·08	13	3·25	9	47·78	109
1887	0·01	1	...	...	0·80	2	...	...	0·06	2	0·63	9	2·99	11	8·67	10	7·70	13	24·36	18	13·57	19	11·95	15	70·24	100

MADRAS OBSERVATORY RAIN REGISTER, MONTHLY FALL AND NUMBER OF RAINY DAYS.

Year.	Jan.		Feb.		March		April		May		June.		July		Aug		Sept.		Oct.		Nov.		Dec.		Annual.	
	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
1888	0·72	4	...	...	...	...	0·13	1	3·17	2	1·93	8	5·63	18	8·09	16	2·32	12	24·27	17	9·53	21	7·69	7	62·48	106
1889	0·05	2	...	...	...	...	2·05	2	0·01	1	1·09	11	5·57	16	4·36	18	5·86	10	7·47	8	5·08	8	11·85	7	43·39	84
1890	0·35	2	...	...	...	...	0·17	1	...	...	6·07	12	7·33	15	2·21	12	2·59	12	4·17	12	4·61	12	0·49	5	27·99	83
1891	...	...	0·62	3	...	...	...	...	0·49	3	0·20	4	1·00	15	2·41	12	2·16	10	13·42	18	4·87	12	5·29	17	30·46	94
1892	0·13	2	...	...	...	...	0·69	1	...	...	4·02	12	7·82	22	10·79	22	6·29	12	6·44	12	1·12	3	4·74	5	42·04	91
1893	0·33	4	0·02	1	1·66	3	...	...	0·24	1	1·18	13	4·96	20	2·31	14	3·04	11	5·21	10	23·78	22	1·25	3	43·98	102
1894	0·39	1	1·14	2	...	...	0·86	5	...	...	1·54	8	1·89	10	13·24	21	6·41	13	11·18	14	10·50	19	0·63	6	47·78	99
1895	...	...	...	...	...	...	...	...	0·94	2	0·90	6	5·43	16	4·36	17	4·62	10	11·42	23	14·65	14	5·05	9	47·37	97
1896	0·13	2	...	...	...	...	...	...	...	...	1·49	6	2·12	8	6·04	20	6·00	15	2·94	9	32·75	19	17·21	12	68·68	91
1897	0·46	3	0·58	4	0·06	1	0·07	1	0·18	1	3·21	5	2·50	14	7·71	18	11·79	21	2·77	4	7·50	8	1·69	6	38·47	86

AVERAGE RESULTS OF THE PRECEDING EIGHTY-FIVE YEARS.

Means	0·86	2·1	0·28	0·7	0·38	0·8	0·60	1·2	2·00	2·2	2·08	8·0	3·84	12·7	4·68	12·9	4·79	10·9	10·75	12·4	13·48	13·2	5·28	7·2	49·03	84
1898	...	...	0·49	1	...	...	...	...	0·65	1	2·09	5	3·41	15	7·14	15	8·20	20	17·91	19	20·13	16	8·12	10	68·14	102
1899	0·06	2	...	...	...	...	2·79	7	0·95	2	0·52	3	4·14	8	2·52	8	5·94		22·29	18	1·50	4	0·29	2	41·00	63
*1900	0·33	1	...	...	...	...	3·09	4	...	...	1·55	10	2·04	18	1·83	15	5·52	11	9·02	13	3·10	8	2·45	7	...	...

Note.—*Incomplete, Rainfall given to December 19.

MADRAS OBSERVATORY MEAN DAILY RAINFALL.

80-*Years' Averages*—1813-1892.

Day	January	February	March	April	May	June	July	August	September	October	November	December	Day
1	0·02	0·93	1·18	1·60	2·25	4·35	6·50	10·42	15·00	19·80	31·03	44·11	1
2	·07	·97	·19	·61	·32	·42	·60	·60	·17	20·03	31·75	·50	2
3	·10	1·00	·20	·64	·41	·50	·70	·73	·32	·22	32·28	44·90	3
4	·11	·02	·20	·66	·50	·58	·81	10·89	·48	·44	32·70	45·21	4
5	·13	·03	·21	·68	·62	·64	6·91	11·03	·61	·68	33·13	·50	5
6	·16	·04	·22	·69	·73	·69	7·01	·20	·69	20·89	33·56	·72	6
7	·17	·06	·22	·70	·85	·74	·12	·34	15·91	21·10	34·00	45·88	7
8	·19	·07	·23	·70	2·99	·79	·26	·50	16·08	·36	·33	46·02	8
9	·22	·07	·23	·71	3·09	·83	·40	·62	·20	·60	34·79	·13	9
10	·27	·09	·23	·72	·17	4·91	·51	·77	·35	21·84	35·20	·23	10
11	·30	·10	·24	·73	·20	5·00	·65	11·90	·50	22·14	35·65	·35	11
12	·37	·10	·24	·74	·21	·09	·80	12·03	·68	·47	36·10	·53	12
13	·42	·11	·24	·75	·22	·18	7·92	·15	·90	22·78	36·55	·70	13
14	·49	·12	·24	·77	·24	·25	8·08	·29	17·10	23·02	37·04	46·90	14
15	·54	·12	·25	·79	·28	·33	·20	·41	·30	·30	37·60	47·10	15
16	·57	·13	·26	·80	·36	·42	·31	·57	·50	·61	38·18	·36	16
17	·60	·14	·27	·80	·46	·51	·43	·70	·74	23·96	38·54	·60	17
18	·62	·15	·28	·81	·58	·60	·59	·85	17·92	24·27	39·00	·73	18
19	·64	·16	·29	·82	·70	·70	·74	12·98	18·08	24·68	·40	47·89	19
20	·66	·16	·30	·83	·76	·78	8·91	13·09	·20	25·10	39·80	48·01	20
21	·69	·16	·31	·87	·83	·84	9·10	·22	·33	25·60	40·13	·11	21
22	·71	·17	·31	·90	·91	·90	·25	·38	·48	26·21	·48	·20	22
23	·74	·17	·32	1·95	3·97	5·98	·39	·52	·62	26·60	40·85	·31	23
24	·78	·17	·33	2·00	4·02	6·02	·51	·70	·75	27·01	41·25	·41	24
25	·81	·17	·36	·04	·08	·08	·61	13·83	18·90	·40	41·70	·50	25
26	·82	·17	·38	·08	·11	·14	·79	14·01	19·03	27·80	42·08	·58	26
27	·82	·17	·40	·10	·14	·20	·80	·20	·15	28·14	·50	·70	27
28	·83	1·17	·43	·11	·18	·28	·88	·40	·29	28·59	42·90	·78	28
29	·86		·47	·14	·21	·31	·98	·56	·40	29·02	43·30	·86	29
30	·88		·50	2·18	·23	6·41	10·14	·71	19·53	29·60	43·74	48·95	30
31	0·89		1·56		4·30		10·28	14·84		30·53		49·02	31

NOTE.—The rainfall given for any date is the fall up to midnight on that date.

11th October, 1898.

C. MICHIE SMITH, *Government Astronomer.*

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 scarcely 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. Nepaul spinach should be sown and planted for a supply during the hot months. Attend to keeping the soil hoed amongst growing crops, eradicating 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., where 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 roses 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 mid-day sun, keep a supply of water exposed to the sun during the day for watering potted plants 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, pomegranates, 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 stakes; 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 arrangements 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; let 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 to 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 sapodillas, 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 mere 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 heating 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, untying 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*; gloxinias, achimenes 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 roughly; 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, gloxinias 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 reason celery is so apt to run to seed arises 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, chillies, 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, gloxinias, &c.; they should be set a-growing in good soil. If no 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 piece 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 repotted 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 those 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 anent 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 vegetations if slaked and cool. 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 is generally good; and from the cultivators there removing the lateral branches, they have acquired 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 seeing a gardener sitting in a flower-bed digging 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, picotees 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; crune and keep in proper form shrubs, &c.; attend to cutting hedges and filling up gaps; apsuarina 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 dahliasin pots, stake them and water occasionally with liquid manure. Plant out verbenas, heliotropes and all other budding plants. Keep up a supply of balsams, cockscomb, mignonette, &c. Plant trees and shrubs, attending to training and pruning creepers. This is a good time to get roses, fuschias, 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 stakes, 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. Thin 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 ipomeas, 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 prove a beneficial check. During the month sow cucumbers, vegetable marrows, 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 convolvoluses 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 with thunder and lightning 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. Dhalia 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 pour 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 cholum, 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 dhalia 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 gooties. 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 tube 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 seasons. 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 out 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. 12·58 N. and long. 77·32 E. The base of Commissioner's flagstaff is 3,030 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 300 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, salpaglossis, 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 Kotagherry.

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, cinnerarias, balsams, asters, mimulas. 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 pollygallas. 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 pollygallas. 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, pollygallas, laburnams 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, pollygallas laburnams and brugmensias. Vegetables—Potatoes, cauliflower, carrots beet-root, celery, rhubarb, radish, vegetable marrow, cucumbers, knol-khol, parsnips, lettuce, peas, beans and French beans.

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

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

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

December.—Flowers—Camellias, cinnerarias, phloxes, verbenas, daisies, crassulas, accelolarias, alpaglois, roses and heath. Vegetables—Same as October.

PART II.—EUROPEAN AND INDIAN.

THE QUEEN AND ROYAL FAMILY.

HER MAJESTY VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, Empress of India (in India, Kaisar-i-Hind), born at Kensington Palace, 24th May 1819; succeeded to the Throne 20th June 1837, on the death of her uncle, King William IV.; crowned 28th June 1838, and married, 10th February 1840, to his late Royal Highness Francis Albert Augustus Charles Emmanuel, Prince Consort, Duke of Saxony, Prince of Coburg and Gotha, who was born 26th August, 1819, and died 14th December, 1861. Her Majesty has had issue—

Her Imperial Majesty Victoria, Empress Frederick of Germany, Princess Royal, born November 21, 1840; married January 25, 1858, to Frederick, Crown Prince of Prussia, afterwards German Emperor (born October 18, 1831, died June 15, 1888), and has had issue—William, reigning German Emperor, born January 27, 1859, married February 27, 1881, to Princess Augusta of Schleswig-Holstein, and has six sons and a daughter; Charlotte, born July 24, 1860, married February 18, 1878, to Hereditary Prince of Saxe-Meiningen; Henry, born August 14, 1862, married May 24, 1888, to his cousin, Princess Irene of Hesse; Sigismund, born September 15, 1864, died June 18, 1866; Victoria, born April 12, 1866, married November 19, 1890, to H. S. H. Prince Adolphe of Schaumburg-Lippe; Waldemar, born February 10, 1868, died March 27, 1879; Sophia Dorothea, born June 14, 1870; married October 27, 1889, to the Duke of Sparta; and Margaret, born April 22, 1872, married January 25, 1893, to Prince Frederick of Hesse-Cassel.

His Royal Highness Albert Edward, Prince of Wales, born November 9, 1841; married March 10, 1863, to the Princess Alexandra (born December 1, 1844), eldest daughter of the King of Denmark, and has had issue—Albert Victor, Duke of Clarence, born January 8, 1864, died January 14, 1892; George Frederick, Duke of York, Captain, R.N., born June 3, 1865, married July 6, 1893, Princess Victoria Mary ("May") of Teck (born May 26, 1867), and has issue—Edward, born June 23, 1894, Albert, born December 14, 1895, and Victoria Alexandra, born April 25, 1897; Louise, born February 20, 1867, married July 27, 1889, to the Duke of Fife—issue Alexandra, born May 17, 1891, and Maud, born April 3, 1893; Victoria, born July 6, 1868; Maud, born November 26, 1869; married July 22, 1896, to Charles, 2nd son of the Crown Prince of Denmark; and Alexander, born April 6, died April 7, 1871.

Her Royal Highness Alice Maud Mary, born April 25, 1843; married July 1, 1862, to His Royal Highness Louis IV., Grand Duke of Hesse (born September 12, 1837, died March 13, 1892); died December 14, 1878; her issue being—Victoria Alberta, born April 5, 1863, married April 30, 1884, to Prince Louis of Battenberg, R.N.; Elizabeth, born November 1, 1864, married June 15, 1884, to the Grand Duke Serge of Russia; Irene, born July 11, 1866, married May 24, 1888, to her cousin, Prince Henry of Prussia, brother of the German Emperor; Ernest Louis, Grand Duke of Hesse, born November 25, 1868, married April 19, 1894, to Her Royal Highness Princess Victoria Melita of Saxe-Coburg; Frederick, born October 7, 1870, died June 29, 1873; Alix Victoria, born June 6, 1872, married November 26, 1894, to H. I. M. the Czar of Russia, and has issue, Olga, born November 15, 1895; Tatiana, born June 1897; and Mary, born May 24, 1874, died November 15, 1878.

His Royal Highness Alfred Ernest Albert, Duke of Edinburgh and Duke of Saxe-Coburg-Gotha, born August 6, 1844, died July 30, 1900; married January 23, 1874, to the Grand Duchess Marie of Russia (born October 17, 1853), his issue being—Alfred, born October 15, 1874, died; Marie, born October 29, 1875, married January 10, 1893, to Ferdinand, Crown Prince of Roumania, and has issue—Carol, born October 15, 1893, and a daughter; Victoria Melita, born November 25, 1876, married April 19, 1894, to Ernest Louis, Grand Duke of Hesse, and has issue; Alexandra, born September 1, 1878, married 1896, to Ernest, Hereditary Prince of Hohenlohe-Langenburg, and has issue; and Beatrice, born April 20, 1884.

Her Royal Highness Helena Augusta Victoria, born May 25, 1846; married July 5, 1866, to Prince Frederick Christian Charles Augustus of Schleswig-Holstein (born January 22, 1831), and has had issue—Christian V., born April 14, 1867, died in South Africa October 29, 1900; Albert J., born February 26, 1869; Victoria L., born May 3, 1870; Louise A., born August 12, 1872, married July 6, 1891, to Prince Aribert of Anhalt; and Harold, born May 12, died May 20, 1876.

Her Royal Highness Louise Caroline Alberta, born March 18, 1848; married March 21, 1871, to John, Marquis of Lorne, now Duke of Argyle. (born August 6, 1845).

His Royal Highness Arthur William Patrick Albert, Duke of Connaught, born May 1, 1850; General Commanding the Forces in Ireland; married March 13, 1879, Princess Louise Margaret, (born July 25, 1860), daughter of the late Prince Frederick Charles of Prussia, and has issue—Margaret, born January 15, 1882; Arthur, born January 13, 1883; Victoria Patricia, born March 17, 1886.

His Royal Highness Leopold George Duncan Albert, Duke of Albany, born April 7, 1853; married April 27, 1882, to Princess Helen (born February 17, 1861), daughter of the late Prince George of Waldeck, died March 28, 1884; his issue being—Alice Mary, born February 25, 1883; Leopold Charles Edward G. A., Duke of Albany and Duke of Saxe-Coburg-Gotha, in succession to the Duke of Edinburgh (deceased); born July 19, 1884.

Her Royal Highness Beatrice Mary Victoria Feodora, born April 14, 1857; married July 23, 1885, to Prince Henry Maurice of Battenberg (born October 5, 1858; died January 20, 1896), and has issue—Alexander Albert, born November 23, 1886; Victoria Eugénie Julia Ena, born October 24, 1887; Leopold Arthur Louis, born May 21, 1889; and Maurice Victor Donald, born October 3, 1891.

Descendants of His Royal Highness the first Duke of Cambridge, Her Majesty's Uncle.—Field-Marshal George William Frederick Charles, 2nd Duke of Cambridge, born March 26, 1819; Augusta Caroline, born July 19, 1822; married June 28, 1843, Frederick, Grand Duke of Mecklenburg-Strelitz, and has issue—Adolphus Frederick, born July 22, 1848, married and has several children.

Mary Adelaide, born November 27, 1833; married June 12, 1866, Francis, Duke of Teck (born August 27, 1837), died October 27, 1897, her issue being—Victoria Mary, born May 26, 1867, married July 6, 1893, to His Royal Highness the Duke of York; Adolphus, born August 13, 1868, married 1894, Lady Margaret Grosvenor, daughter of the Duke of Westminster, and has issue—Francis, born January 9, 1870, and Alexander George, born April 14, 1874.

Descendants of His Royal Highness the Duke of Cumberland, King of Hanover, son of King George III.—His Royal Highness Ernest Augustus George, 3rd Duke of Cumberland, born September 21, 1845; married December 21, 1878, to Princess Thyra of Denmark; and has issue. His sisters—Frederica, born January 9, 1848; married April 24, 1880, Freiherr von Pawel-Rammingen (issue—Victoria, born March 7, died March 27, 1881); and Mary Ernestine, born December 1849.

HER MAJESTY'S MINISTERS.

Prime Minister and Lord Privy Seal	Lord Salisbury.
Lord Chancellor	Lord Halsbury.
President of the Council	Duke of Devonshire.
Chancellor of the Duchy of Lancaster	Lord James of Hereford.
Home Secretary	Mr. C. T. Ritchie.
First Lord of the Treasury	Mr. A. J. Balfour.
Chancellor of the Exchequer	Sir M. Hicks Beach.
Secretary for Foreign Affairs	Lord Landsowne.
Secretary of the Colonies	Mr. J. Chamberlain.
Secretary for War	Mr. St. John Brodrick.
Secretary for India	Lord G. Hamilton.
First Lord of the Admiralty	Lord Selborne.
President of the Board of Trade	Mr. Gerald Balfour.
President of the Local Government Board	Mr. Walter Long.
Lord-Lieutenant of Ireland	Lord Cadogan.
Lord Chancellor of Ireland	Lord Ashbourne.
Chief Secretary for Ireland	Mr. George Wyndham.
Secretary for Scotland	Lord Balfour.
Postmaster-General	Lord Londonderry.
First Commissioner of Works	Mr. Akers-Douglas.
Financial Secretary to the Treasury	Mr. Austen Chamberlain.
Parliamentary Secretary to the Treasury	Sir W. Walrond.
Parliamentary Secretary, India Office	Lord Onslow.
Under-Secretary for Foreign Affairs	Lord Cranborne.
Parliamentary Secretary, Home Office	Mr. Jesse Collings.
Financial Secretary to the War Office	Lord Stanley.
Secretary to the Admiralty	Mr. Arnold-Forster.
Vice-President of the Board of Education	Sir J. Gorst.
Secretary to the Board of Trade	Lord Dudley.
Secretary to the Local Government Board	Mr. T. W. Russell.
Attorney-General	Sir R. B. Finlay.
Solicitor-General	Sir E. H. Carson.
Lords of the Treasury	Mr. H. T. Anstruther and Mr. W. Hayes Fisher.
Lord Advocate	Mr. Graham Murray.
Solicitor-General for Scotland	Mr. C. Scott Dickson.
Attorney-General for Ireland	Mr. J. Atkinson.

CHIEF COLONIES OF GREAT BRITAIN WITH THEIR GOVERNORS.

Colony and Station.	Office.	Names.
	EAST INDIES.	
India	Viceroy and Governor-General	His Excellency the Right Hon'ble Lord Curzon, of Kedleston.
Madras	Governor	His Excellency Lord Ampthill, G.C.I.E.
Bombay	Governor	Lord H. S. Northcote, G.C.I.E., C.B.
	AUSTRALIAN COLONIES.	
New South Wales [*Sydney*]	Governor & Commander-in-Chief.	W. Beauchamp-Earl, K.C.M.G.
Victoria [*Melbourne*]	Governor & Commander-in-Chief.	———
South Australia [*Adelaide*].	Governor & Commander-in-Chief.	Lord H. Tennyson, K.C.M.G.
Western Australia [*Perth*]	Governor & Commander-in-Chief.	———
Queensland [*Brisbane*]	Governor & Commander-in-Chief.	Lord C. W. A. N. Lamington, K.C.M.G.
Tasmania [*Hobart Town*].	Governor & Commander-in-Chief.	———
New Zealand [*Wellington*].	Governor & Commander-in-Chief.	Rt. Hon. U. J. M. Ranfurly, Earl of, K.C.M.G.
Fiji Islands [*Suva*]	Governor & Commander-in-Chief and High Comr. for the Western Pacific.	Sir G. T. M. O'Brien, K.C.M.G.
British New Guinea	Lieutenant-Governor	G. R. Le Hunte, Esq., C.M.G.
	WEST INDIES, &c.	
Barbados and its dependencies [*Bridgetown*].	Governor & Commander-in-Chief.	Sir J. S. Hay, K.C.M.G.
Windward Islands [*St. George, Grenada*].	Governor & Commander-in-Chief.	Sir C. A. Moloney, K.C.M.G.
St. Vincent [*Kingstown*]	Administrator	H. L. Thompson, Esq., C.M.G.
Sta Lucia [*Castries*]	Administrator	C. A. King-Harman, Esq., C.M.G.
Antigua and Leeward Islands [*St. John's*].	Governor & Commander-in-Chief.	Sir F. Fleming, K.C.M.G.
Trinidad and Tobago [*Port of Spain*].	Governor & Commander-in-Chief.	Sir H. E. H. Jerningham, K.C.M.G.
British Guiana [*Georgetown*].	Governor & Commander-in-Chief.	Sir W. J. Sendall, K.C.M.G.
Jamaica [*Kingston*]	Capt.-Genl. & Governor-in-Chief.	Sir A. W. L. Hemming, K.C.M.G.
Bahamas [*Nassau*]	Governor & Commander-in-Chief.	Sir G. T. Carter, K.C.M.G.
Turks & Caicos Islands [Grand Turk]	(Commissioner)	E. J. Cameron, Esq.
British Honduras [*Belize*]	Governor & Commander-in-Chief.	Sir D. Wilson, Esq., 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. G. J., Earl of Minto, G.C.M.G.
Newfoundland [*St. John's*].	Governor & Commander-in-Chief.	Bt.-Col. Sir H. E. McCallum, K.C.M.G., R.E., [Res. List], A.D.C.
	BERMUDA.	
Bermuda [*Hamilton*]	Governor & Commander-in-Chief.	Genl. Sir G. D. Barker, K.C.B.
	MALTA AND ITS DEPENDENCIES.	
Malta	Governor & Commander-in-Chief.	Lt. Genl. [Local-Genl.] Sir F. W. Grenfell, G.C.B., G.C.M.G. (Col.-Comtd, K. R. Rif. C.)
	GIBRALTAR.	
Gibraltar	Governor & Commander-in-Chief.	Lt.-Genl [local Genl.] Sir G.S., White, G.C.B., G.C.S.I., G.C.I.E., G.C.V.O., [Col., Gordon Highlanders].
	CYPRUS.	
Cyprus [*Nicosia*]	High Comsr. & Comdr.-in-Chief.	Sir W. F. Haynes-Smith, K.C.M.G.

*Chief Colonies of Great Britain with their Governors—*concld.

Colony and Station.	Office.	Names.
	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 A. Milner, G.C.M.G., K.C.B.
Natal [comprising Natal and Zululand] [*Maritzburg*]	Governor & Commander-in-Chief	Hon. Sir W. F. Hely-Hutchinson, G.C.M.G.
St. Helena [*James Town*]	Governor & Commander-in-Chief.	R. A. Sterndale, Esq.
	WEST AFRICA.	
Sierra Leone [*Free Town*]	Governor & Commander-in-Chief	Colonel Sir F. Cardew, K.C.M.G.
Gambia	Administrator of the Govt.	Sir R. B. Llewelyn, Esq., K.C.M.G.
	GOLD COAST COLONY.	
Gold Coast Colony (*Accra*).	Governor & Commander.-in-Chief	F. M. Hodgson, Esq., C.M.G.
	COLONY OF LAGOS.	
Lagos	Governor & Commander.-in-Chief	Sir W. D. MacGregor, M.D., K.C.M.G., C.B.
	MAURITIUS.	
Mauritius [*Port Louis*]	Governor & Commander-in-Chief	Sir C. Bruce, K.C.M.G.
Seychelles Islands (*Mahé*)	Administrator	E. B. Sweet-Escott, Esq., C.M.G.
	CEYLON.	
Ceylon [*Colombo*]	Governor & Commander-in-Chief	Rt. Hon. Sir J. W. Ridgeway, G.C.M.G., K.C.B., K.C.S.I.
	Aide-de-Camp	Captain R. F. K. Gooch, 4th Bn., Essex Regt.
	Extra Aide-de-Camp	Lieut. C. O. E. Nicholson, 3rd Bn. Hampshire Regt.
	Brigadier-General	Major-Genl. F. T. Hobson,
	Aide-de-Camp	———
	Dy. Asst. Adjt.-Generals	Lt.-Col. Hon'ble E. Noel. Major A. E. Cuming, A. S. Corps [*Acting*].
	Officer Commanding R. A.	Bt.-Col. G. D. Fanshawe, R. Garrison Art.
	Commanding R. E.	Bt.-Col. G. R. R. Savage, R.E.
China and Honkgong [*Victoria*].	CHINA AND HONGKONG.	
	Governor & Commander-in-Chief of Hongkong and its dependencies.	Sir H. A. Blake, G.C.M.G.
	Aide-de-Camp	———
	Major-General	W. J. Gascoigne, C.M.G.
	Aide-de-Camp	Captain Hon. H. W. Trefusis, S. Gds.
	Deputy Asst. Adjt. Generals	Lt. Col. N. P. O., Gorman. Major M. M. Morris, R. Garr. Art. [*Acting*].
	STRAITS SETTLEMENTS.	
Straits Settlements, [including Prince of Wales, Island, Malacca, Singapore & Christmas Island] [*Singapore*]	Governor & Commander. in-Chief. of the Straits Settlements and their dependencies, Governor of Christmas Island, and High Commissioner for the Protected States in the Malay Peninsula.	———
	Aide-de-Camp	———
	Colonel on the Staff	———
	Dy. Asst. Adjt.-General	Capt. R. W. P. White, Welsh Regt.
	Officer Commanding, R. A.	———
	Commanding, R. E.	Lieut.-Col. W. H. R. Chippindall, R.E.
Labuan	LABUAN AND ITS DEPENDENCIES.	
	Governor & Commander-in-Chief.	H. C. Clifford, Esq., C.M.G.
	FALKLAND ISLANDS.	
Falkland Islands & their dependencies [*Stanley*].	Governor & Commander-in-Chief	W. Grey-Wilson, Esq., C.M.G.

Forces in Egypt

Commanding	Major-Genl. Hon. R. A. J. Talbot, C.B.
Aide-de-Camp	Captain W. T. Gaisford, Sea. Highlanders.
Asst. Adjt.-General	Col. M. C. B. Forestier-Walker.
Dy. Asst. Adjt.-Generals	
Staff Captains	Major S. Bird, R. Fusrs, Acting D. A. A. G. Bt. Major D. K. E. Hall, A. S. Corps.
Officer Commanding R. A.	Major (local Lt.-Col.) D. G. Prinsep, R.A.
Principal Medical Officer	Col. W. J. Fawcett, R.A.M.C.
Commanding R. E.	Lieut.-Col. J. C. L. Campbell, R.E.
Chief Ordnance Officer	Lieut.-Col. F. O. Leggett, Ordnance Department.
Senior Veterinary Officer	Vety.-Captain T. Marriott.

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 and Station.*
Bahamas	The Receiver General and Treasurer, Nassau, Bahamas.
Barbados (including British Guiana, Trinidad, &c.)	The District Paymaster, Barbados.
Bermuda	The District Paymaster, Bermuda.
British Columbia	The Naval Storekeeper, Esquimalt Yard, British Columbia.
British Honduras	The Colonial Treasurer, Belize, British Honduras.
Dominion of Canada (except British Columbia) and Newfoundland	The District Paymaster, Halifax, Nova Scotia.
Cape of Good Hope	Ditto. Cape Town.
Ceylon	Ditto. Ceylon.
Cyprus	Ditto. Cyprus.
Falkland Islands	The Colonial Treasurer, Falkland Islands.
Fiji Islands	The Governor, Fiji Islands.
Gambia	The Colonial Treasurer, Gambia, West Africa.
Gibraltar	The District Paymaster, Gibraltar.
Gold Coast	The Colonial Treasurer, Accra, West Africa.
Hongkong	The District Paymaster, Hongkong.
Jamaica	Ditto. Jamaica.
Lagos	The Colonial Treasurer, Lagos, West Africa.
Malta	The District Paymaster, Malta.
Mauritius	Ditto. Mauritius.
Natal	Ditto. Pietermaritzburg, Natal.
New South Wales	The Colonial Treasurer, Sydney, New South Wales.
New Zealand	Ditto. Wellington, New Zealand.
Nova Scotia	Included in the Dominion of Canada (see above).
Queensland	The Colonial Treasurer, Brisbane, Queensland.
Sierra Leone	The Acting District Paymaster, Sierra Leone, West Africa.
South Australia	The Colonial Treasurer, Adelaide, South Australia.
St. Helena	The Acting District Paymaster, St. Helena.
Straits Settlements	The District Paymaster, Straits Settlements.
Tasmania	The Agent for Imperial Expenditure, Hobart, Tasmania.
Transvaal	The District Paymaster, Pietermaritzburg, Natal.
Vancouver's Island	The Naval Storekeeper, Esquimalt Yard, British Columbia.
Victoria	The Colonial Treasurer, Melbourne, Victoria.
Western Australia	Ditto. Perth, Western Australia.

MILITARY ATTACHES TO EMBASSIES AND LEGATIONS AT FOREIGN COURTS.

Colonel C. Needham	Rome—25th May 1895.
Lieut.-Col. D. F. R. Dawson, C.M.G., C. Gds., p.s.c.	Paris—13th July 1895, 9th May 1897.
Colonel J. G. Ponsonby	Constantinople—3rd November 1896.
Colonel F. M. Wardrop, C.B.	Vienna—6th April 1895.
Lieut.-Col. W. H. H. Waters, M.V.O.	Berlin—1st March 1896.
Lieut.-Col. C. E. de la P. Beresford	St. Petersburgh—4th May 1898.
Lieut.-Col. A. G. Churchill	Tokio—12th June 1898.
Bt.-Col. G. F. Browne, D.S.O.	Peking—19th September 1896.
Lt.-Col. C. A'Court (tempy.)	Brussels / Hague—6th January 1899.

86

NATIVE INDIAN PRINCES.

HYDERABAD (DECCAN).

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

His Highness has now two sons living,—the elder Prince was born on the 6th April 1886, and the younger on the 6th August 1895.

MYSORE.

His Highness Sri Krishna Raja Wodayar Bahadur, Maharajah of Mysore, born 4th June 1884, installed 1st February 1895.

Regent.—Her Highness the Maharani Vanivilasa Sanidhana Kempananjamani Avaru, C.I.

THE CARNATIC FAMILY.

Azim Jah, Umdat-ul-umra, Siraj-ul-umra, Madar-ul-mulk, Umdat-ul-mulk, Azim-ud-daulah, Siráj-ud-daulah, Asad-ud-daulat-ul-angliz, Sir Muhammad Munawar Khan Bahadur, K.C.I.E., Zulfiqar Jang, Sipah Salar, Amir-i-Arkat, Prince of Arcot.

Nawab Ghulam Muhammad Ghaus Khan Bahadur and Abdul-Ali Khan Bahadur, brothers of the Prince of Arcot.

TRAVANCORE.

His Highness Srí Padmanábha Dása Vanchi Bála Ráma Varmá Kulasékhari Kiríṭapati Manne Sultán Mahárája Rája Rámarśja Bahadur, Shamshér Jang, G.C.S.I., Fellow of the Madras University, Member of the Royal Asiatic Society, Officer de l' Instruction Publique, London, Maharaja of Travancore, born 25th September 1857, ascended the Masnad 19th August 1885.

Nephews of the Maharaja.—Rama Varma, Elaya Raja, born 3rd December 1867; Martanda Varma, B.A., First Prince, born 24th November 1871.

Sister of the Maharaja.—Her Highness Lakshmi Bái, C.I., Senior Rani of Travancore, born 23rd July 1848.

Nieces of the Maharaja.—Her Highness Sêtu Lakshmi Bái, Junior Ranee of Travancore, born 19th November 1895; Her Highness Sêtu Parvathi Bái, 1st Princess of Travancore, born 8th November 1896.

Brothers-in-law of the Maharaja.—Kerala Varma, F.M.U., M.R.A.S., C.S.I., F.R.H.S., Valiya Koil Tamburan, married to H. H. the Senior Rani; Raja Raja Varma, Kuchu Koil Tamburan, married to the late Junior Rani.

COCHIN.

His Highness Sir Rama Varmah, K.C.S.I., Raja of Cochin, born 27th December 1852, ascended the Masnad, 23rd October 1895.

Brothers, &c., of H. H. the Rajah.—H. H. Ramah Varma, Elaya Raja of Cochin. There are 50 Princes, the cousins and nephews of H.H. the Raja.

Mother of the Raja.—Her Highness Waliah Ammah Tampuran, born 7th December 1832.

Aunt.—H. H. Kunji Ammah Tampuran. There are two sisters, 12 female cousins and 37 nieces of H. H. the Raja.

PUDUKOTA.

His Highness Sree Brahadamba Das Raja Marthanda Bhairava Tondiman Bahadur, Raja of Pudukottai, born in 1875, succeeded to the Chiefship 16th April 1886, and invested with the powers of Administration 27th November 1894.

BANGANAPALLE.

Nawab Ssiyid Fath' Ali Khan Bahadur, C.S.I., Nawab of Banganapalle, born in 1849, ascended the Masnad 6th February 1869,—has three sons, one daughter and one brother.

SANDUR

Raja Srimant Venkatrao Rao Sahib, Hindu Rao, Ghorapade, Mamlukat-madar, Senapati, Raja of Sandur, born 10th July 1892, succeded to the Chiefship on 4th December 1892 and recognised 5th April 1893.

Paternal uncle of the Chief.—Srimant Maloji Rao Bala Sahib Ghorapade, Administrator of the State.

Mother of the Chief.—Ranee Rukma Bái Sahib, daughter of Kasi Rao, connected by marriage with the Baroda family.

Step-mother of the Chief.—Ranee Lakshmi Bái Sahib.

Paternal aunt of the Chief.—Baja Bái Sahib.

Step-sister of the Chief.—Shaba Bái Sahib, married to Govinda Rao Bapu Sahib.

TANJORE.

Widows of His late Highness Maharaja Sivaji, who died in 1855:—1. H. H. Matusri Chimâmbâ Bái Sahib; 2. H. H. Matusri Gourâmbâ Bái Sahib; 3. H. H. Matusri Jijâmbâ Bái Sahib; 4. H. H. Matusri Ramakumarâmba Bái Sahib; 5. H. H. Matusri Dipâmbâ Bái Sahib.

GOVERNMENT OF INDIA.

VICEROY AND GOVERNOR-GENERAL.

His Excellency The Right Honorable GEORGE NATHANIEL *Baron* CURZON of Kedleston, P.C., G.M.S.I., G.M.I.E., took his seat 6th January 1899, (Calcutta).—Pay Rs. 20,900.

VICEREGAL COUNCIL.

EXTRAORDINARY MEMBER.

His Excellency General *Sir* Arthur Power Palmer, K.C.B., S.C., Commander-in-Chief, took his seat, 19th March 1900, (Calcutta).—Pay Rs. 8,833-5-4.

ORDINARY MEMBERS.—Pay Rs. 6,666-10-8.

The Hon. Major-General *Sir* Edwin Henry Hayter Collen, K.C.I.E., S.C., took his seat 27th April 1896.
" *Sir* A. C. Trevor, K.C.S.I., took his seat 2nd May 1896.
" Mr. C. M. Rivaz, C.S.I., took his seat 9th April 1898.
" " T. Raleigh, (*Bar.-at-law*), took his seat 3rd April 1899.
" *Sir* E. F. Law, K.C.M.G., took his seat ——.

ADDITIONAL MEMBERS TO MAKE LAWS AND REGULATIONS.

His Honor the Lieut.-Governor of the Punjab, M.A., K.C.S.I., C.S.
The Hon. the Lieut.-Governor of Bengal, K.C.S.I., C.S.
" P. Ananda Charulu, C.I.E., Rai Bahadur, 3rd August 1899.
" Kunwar *Sir* Harnam Singh, Ahluwalia, K.C.I.E., 31st October 1899.
" Mr. J. T. Woodroffe, (*Bar.-at-Law*), 24th November 1899.
" " J. Buckingham, C.I.E., 24th November 1899.
" " H. F. Evans, C.S.I., 7th December 1899.
" " P. M. Mehta, C.I.E., M.A., 5th August 1900.
" Rai Bahadur Bipin Krishna Bose, C.I.E., 12th December 1899.
" Mr. Allan Arthur, 3rd January 1900.
" " J. K. Spence, C.S.I., 4th Oct. 1900.
" " F. A. Nicholson, C.S.I., C.S., 30th October 1900.
" " D. M. Smeaton, C.S.I., C.S., 6th November 1900.
" " H. J. S. Cotton, C.S.I., 17th November 1900.
" " C. W. Bolton, C.S., 27th November 1900.
J. M. Macpherson, (*Bar.-at-Law*), C.S.I., Secretary to the Council, Pay Rs. 3,500.
H. W. C. Carnduff, C.S., Depy. Secretary, Pay Rs. 2,000.
J. G. Morrison, (*Bar.-at-Law*), Personal Assistant, Pay Rs. 520.
A. B. Wilson, Registrar.

PERSONAL STAFF OF THE GOVERNOR-GENERAL.

W. R. Lawrence, Esq., C.I.E., Private Secretary, (Calcutta).—Pay Rs. 2,000.
Major Hon'ble E. Baring, 10th Hussars, Military Secretary.—Pay Rs. 1,500.
Capt. Baker-Carr, Rifle Brigade.
" MacL. Campbell, Royal Highlanders.
" H. B. Des V. Wilkinson, Durham Light Infantry. } Aides-de-Camp.
" G. E. Tyrrell, R.G.A.
Lieut. L. J. L. Ronaldshay Earl, of I.N. Rid. of York, Vol. Artillery, Extra Aide-de-Camp.
Risaldar-Major Wali Muhummad, *Sardar Bahadur*, Governor-General's Body Guard, Native Aide-de-Camp.
Risaldar-Major Hukam Sing, *Sardar Bahadur*, 16th B. L., Native Aide-de-Camp.
Lt.-Col. E. H. Fenn, C.I.E., R.A.M.C., Surgeon.

HONORARY AIDES-DE-CAMP.

Lt.-Col. W. Loch, G.L.I.	6th January	1899.
Col. A. Mears, E.I.R.V.R.C., V.D.	27th do.	1894.
Lt.-Col. T. R. Wynne, B. N. Railway Vols.	1st do.	1895.
" G. G. B. VanSomeren, V.D., Rangoon Volr. Rifles	22nd June	1897.
" C. E. Phipps, Madras Railway Vols.	do.	
" D. P. Masson, V.D., C.I.E., 1st P.V.R.	do.	
Capt. W. S. Goodridge, R.N.	14th October	1898.
Lt.-Col. H. Goad, S.C.	3rd June	1899.
Major J. J. Holdsworth, C.I.E., Gorakhpur, L.H.	do.	
Lt.-Col. R. L. Trevithick, V.D., G. I. P. Ry. Volrs.	do.	
" A. W. B. Kirwan, Assam Valley Lt. Horse	7th July	1899.
Lt.-Col. A. W. Rendell, V.D., E. I. R. Vols.	1st Jan.	1900.
Col. W. B. Oldham, C.I.E., C.V.R.	do.	

HONORARY NATIVE AIDES-DE-CAMP.

Subadar-Major Tara Singh (Hony.-Capt.), *Sardar Bahadur*, late 5th Sikhs — 6th January 1899.
Risaldar-Major (Hony. Capt.) Bahauddin Khan, C.I.E., *Sardar Bahadur*, late 45th Sikhs.

HONORARY SURGEONS.

Surg.-Genl. R. Harvey, M.D., C.B., D.S.O., I.M.S.	6th January	1899.
" D. Sinclair, M.B., C.S.I., I.M.S.	do.	
Lt.-Col. A. J. Willcocks, M.D., I.M.S.	do.	
" S. H. Browne, M.D., C.I.E., I.M.S.	do.	
" G. D. Bourke, R.A.M.C.	do.	
Col. W. F. Burnett, R.A.M.C.	3rd June	1899.
Col. J. T. B. Bookey, I.M.S.	do.	
Lt.-Col. W. K. Hatch, I.M.S. (Bo.)	do.	
Surgeon-Genl. M. S. M. Price, A.M.S.		

HONORARY ASSISTANT SURGEONS.

Assistant Surgeon E. McKenzie, (Bo.)	9th January	1899.
Do. Mehr Chand, *Rai Bahadur* (P.)	do.	
Do. Charles Arthur Lafrenais (M.)	do.	
Do. Brij Lall Ghose, *Rai Bahadur* (P.)	do.	
Do. Zahiruddin Ahmed Khan Saheb (Moulvie) (B.)	do.	
Do. Gangasingh *Rai Bahadur* (P.)	do.	
Do. Nritya Lal Basak (C. P.)	do.	
Do. Maung Tha Nu, A. T. B. (Bur.)	do.	

SECRETARIES TO THE GOVERNMENT OF INDIA.

FINANCIAL DEPARTMENT.

J. F. Finlay, C.S.I., M.A., C.S. — Secretary.—Rs. 4,000.
W. S. Meyer, B.A., C.S. — Deputy Secretary.—Rs. 2,250.
J. B. Brunyate, C.S. — Under Secretary.—Rs. 1,300.
H. N. Heseltine — Assistant Secretary.—Rs. 750.

HOME DEPARTMENT.

J. P. Hewett, C.S.I., C.I.E., C.S. — Secretary.—Rs. 4,000.
H. Lusan, B.A., C.S. — Deputy Secretary.—Rs. 2,000.
F. S. Cowie, C.S. — Under Secretary.—Rs. 1,300.
G. W. Forrest, B.A. — Asst. Secretary.—Rs. 1,500.

REVENUE AND AGRICULTURAL DEPARTMENT.

T. W. Holderness, C.S.I., C.S. — Secretary.—Rs. 4,000.
E. Maconochie, C.S. — Under-Secretary.—Rs. 1,300—100—1,500.
A. R. Tucker, A — Asst. Secretary.—Pay Rs. 700 and D. A. 225.

FOREIGN DEPARTMENT.

Sir W. J. Cunningham, K.C.S.I., C.S. — Secretary.—Rs. 4,000, (on furlo.).
Capt. H. Daly, C.I.E., S.C. — Deputy Secretary.—Rs. 2,250.
J. B. Wood, B.A., C.S. — Under Secretary.—Rs. 1,550, (on special duty).
E. B. Hughes, C.S. — Asst. Secretary.—Rs. 1,200.

LEGISLATIVE DEPARTMENT.

J. M. Macpherson, C.S.I., (*Bar.-at-Law*) — Secretary.—Rs. 3,500.
H. W. C. Carnduff, C.S. — Deputy Secretary.—Rs. 2,000.
J. G. Morrison, (*Bar.-at-Law*) — Personal Assistant.—Rs. 520.

MILITARY DEPARTMENT.

Major-Genl. P. J. Maitland, C.B., I.S.C — Secretary.
Col. E. DeBrath, *p.s.c.*, 32nd Pio } Deputy Secretaries.
Capt. F. G. Cardew, 10th B. L. }
" C. H. Selwyn, 12th B.C., with China Field Force }
" T. A. Harrison, S.C. }
" H. T. Kenny, 2nd Bo. L. } Assistant Secretaries.
" W. A. Liddell, R.E. }
Bt. Major W. G. L. Beynon, *D.S.O.*, 1-3 Gurkhas, Additional. }
Capt. A. R. H. Garden, Corps of Guides — Tempy.

ACCOUNTS BRANCH.

Col. J. A. Miley, C.S.I. — Accountant-General and *Ex-officio* Deputy Secretary for Finance.
Lt.-Col. H. E. Passy — Deputy Accountant-General and *Ex-officio* Assistant Secretary for Finance.—With China Expeditionary Force.
Capt. B. Scott — Offg. Dy. Accountant-General.
E. O'B. Smith, Esq. — Assistant Accountant-General.

DEPARTMENT OF PUBLIC WORKS.

Col. W. S. S. Bisset, C.I.E., R.E. — Secretary, and Chief Engr. for Irrign. and Railway Works, Rs. 2,500.

Lieut.-Col. J. W. Ottley, C.I.E., R.E. .....Inspr.-Genl. of Irrigation and Depy. Secretary.
Col. T. Gracey, R.E..... .....Director-General of Railways and Depy. Secy. (also for State Railways).
Capt. H. Bonham-Carter, R.E.....Asst. Secretary.

ECCLESIASTICAL ESTABLISHMENT.

See of Calcutta.

The Right Rev. James Edward Cowell Welldon, M.A., D.D., Lord Bishop of Calcutta and Metropolitan of India and the Island of Ceylon.—Pay Rs. 3,831-6-8.
The Ven. A. E. Stone, B.A., Archdeacon of Calcutta and Commissary.—Allowance Rs. 266-10-8.
The Rev. H. O. Moore, M.A., Domestic Chaplain to the Lord Bishop.—Pay Rs. 800.
A. M. Dunne, B.A., LL.B., Registrar of the Diocese, Archdeaconry of Calcutta, and Secretary to the Lord Bishop.—Pay Rs. 500.—*On leave on M.C.*
F. Peacock, (*Barrister-at-Law*), Offg.

JUDGES OF THE HIGH COURT OF JUDICATURE, CALCUTTA.

The Hon. *Sir* F. W. Maclean, *Kt.*, K.C.I.E., Q.C.—Chief Justice.—Pay Rs. 6,000.

Puisne Judges.

The Hon. *Sir* H. T. Prinsep, *Kt.*,	I.C.S.—Pay Rs. 4000.	The Hon.	S. G. Sale—	Pay Rs.	4,000.
,, Babu Chunder Madhub Ghose,	,,	,,	J. F. Stevens,	,,	
,, Dr. Guru Das Bannerjee,	(*Bar.-at-Law*), ,,	,,	J. Stanley, Q.C.,	,,	
,, Amir Ali,	C.I.E., ,,	,,	R. Harrington,	,,	
,, C. H. Hill,	,,	,,	J. Pratt,	,,	
,, R. F. Rampini,	,,	,,	C. M. W. Brett,	,,	

The Hon. J. T. Woodroffe, (*Bar.-at-Law*), Advocate-General.—Pay Rs. 3,448.
P. O'Kinealy, (*Bar.-at-Law*), Standing Counsel.
H. C. Eggar, Government Solicitor.—Pay Rs. 2,000.
A. B. Miller, (*Bar.-at-Law*), Official Trustee and Official Assignee.
F. Peacock, Receiver.
W. R. Fink, Registrar, Original Side, Record-keeper, &c.—Pay Rs. 1,875.
The Hon. Mr. J. P. Apcar, (*Bar.-at-Law*), Clerk of the Crown for Criminal Sessions.
J. E. Hechle, Deputy Registrar.
T. J. Waite, Private Secretary and Clerk to the Chief Justice.
F. K. Dobbin, (*Bar.-at-Law*), Coroner of Calcutta.
E. P. Chapman, C.S., Registrar and Taxing Officer, Appellate Side.—Pay Rs. 1,700.
W. H. Joyce, Depy. do. do. do.
The Hon. B. L. Gupta, C.S., Supt. and Remembrancer of Legal Affairs.—Pay Rs. 3,000.
J. V. Woodman, (*Bar.-at-Law*), Chief Law Reporter.
R. C. Mitra, Senior Government Pleader.—Pay Rs. 300.

COURT OF SMALL CAUSES, CALCUTTA.

A. P. Handley, (*Bar.-at-Law*), Chief Judge.—Pay Rs. 2,000.
E. W. Ormmod, (*Bar.-at-Law*), Second Judge.—Pay Rs. 1,400.—*On furlo.*
K. M. Chatterjee, (*Bar.-at-Law*), Third Judge.—Pay Rs. 1,300.—Offg. as Second Judge.
Abdul Hassan, (*Bar.-at-Law*), Fourth Judge.—Pay Rs. 1,125.—Offg. as Third Judge.
A. F. M. Abdur Rahman, Khan Bahadur, (*Bar.-at-Law*).—Fifth Judge, Offg. Fourth Judge.
C. D. Paniety, (*Bar.-at-Law*), Registrar and Chief Ministerial Officer, with powers of a Judge.—Pay Rs. 900.

GOVERNORS AND GOVERNORS-GENERAL OF INDIA.

Names.	Assumed charge.	Remarks.
Mr. William Hedges	July 1682	
Mr. William Gyfford	Aug. 1684	
Sir Charles Eyre	26 May 1700	
Mr. John Beard	7 Jan. 1701	
Mr. Anthony Weltdon	20 July 1710	
Mr. John Russell	4 Mar. 1711	
Mr. Robert Hedges	3 Dec. 1713	
Mr. Samuel Feake	12 Jan. 1718	

Governors and Governors-General of India—concld.

Names.	Assumed charge.	Remarks.
Mr. John Deane	17 Jan. 1723	
Mr. Henry Efrankland	30 Jan. 1726	
Mr. John Stockhouse	25 Feb. 1732	
Mr. Thomas Braddyll...	29 Jan. 1739	
Mr. John Forster	4 Feb. 1746	
Mr. William Barwell	18 Apl. 1748	
Mr. Adam Dawson	17 July 1749	
Mr. William Fytch	5 July 1752	
Mr. Robert Drake	8 Aug. 1752	
Colonel Robert Clive	27 June 1758*	
Mr. J. Z. Holwell	27 Jan. 1760	
Mr. Henry Vansittart	27 July 1760	
Mr. John Spencer	30 Dec. 1764	
Lord Clive	30 May 1765	
Mr. Harry Verelst	29 Jan. 1767	
Mr. John Cartier	26 Dec. 1769	
The Right Hon'ble Warren Hastings ...	20 Oct. 1774	Was Governor of Bengal from 13th April 1772 and assumed charge as first Governor-General under Act passed in 1773 (13 Geo. III. Ch. 63).
Sir John Macpherson, Bart	8 Feb. 1785	
Earl Cornwallis, K.G.	12 Sept. 1786	Also Commander-in-Chief.
Sir John Shore, Bart.	28 Oct. 1798	
Lieut.-Genl. The Hon'ble Sir Alured Clarke, K.C.B.	17 Mar. 1798	Officiating.
Marquis of Wellesley	18 May 1798	
Marquis Cornwallis, K.G.	30 July 1805	Also Commander-in-Chief. Died at Ghazipur 5th October 1805.
Sir George Barlow, Bart., K.C.B.	10 Oct. 1805	Confirmed 11th July 1806.
The Earl of Minto	31 July 1807	
Marquis of Hastings, G.C.B.	4 Oct. 1813	Also Commander-in-Chief.
Mr. John Adam	13 Jan. 1823	Officiating.
The Earl of Amherst	1 Aug. 1823	
Mr. Butterworth Bayley	13 Mar. 1828	Officiating.
Lord William Bentinck, G.C.B. ...	4 July 1828	
Sir Charles Metcalfe, Bart., G.C.B. ...	20 Mar. 1835	Officiating.
The Earl of Auckland, G.C.B.	4 Mar. 1836	
The Earl of Ellenborough	28 Feb. 1842	
Lord Hardinge, G.C.B.	23 July 1844	
Marquis of Dalhousie, K.T.	12 Jan. 1848	
Earl Canning, G.C.B., K.S.I.	29 Feb. 1856	
The Earl of Elgin, K.T., G.C.B.	12 Mar. 1862	Died at Dharmsala, 20th November 1863.
Major-Genl. The Hon'ble Sir Robert Napier, K.C.B.	21 Nov. 1863	Officiating.
Colonel Sir William Denison, K.C.B. ...	2 Dec. 1863	Officiating.
Sir John Lawrence, G.C.S.I., G.C.B. ...	12 Jan. 1864	
The Earl of Mayo, K.P.	12 Jan. 1869	Assassinated at Port Blair, 8th February 1872.
The Hon'ble Mr. John Strachey	9 Feb. 1872	Officiating.
Lord Napier of Merchistoun, K.T. ...	23 Feb. 1872	Officiating.
Lord Northbrook, G.C.S.I.	3 May 1872	
Lord Lytton, G.M.S.I., G.M.I.E.	12 Apl. 1876	
Marquis of Ripon, K.G., P.C.	8 June 1880	
The Earl of Dufferin, K.P., G.C.B., G.C.M.G., P.C., F.R.S., D.C.S.	13 Dec. 1884	
Marquess of Lansdowne, G.M.S.I., G.C.M.G., G.M.I.E.	10 Dec. 1888	
The Earl of Elgin and Kincardine, P.C., LL.D.	27 Jan. 1894	
George Nathaniel Baron Curzon of Kedleston, P.C., G.M.S.I., G.M.I.E.	6 Jan. 1899	

GOVERNMENT OF MADRAS.

COUNCIL OF FORT SAINT GEORGE—GOVERNMENT OFFICE.

His Excellency The Right Hon'ble ARTHUR OLIVER VILLIERS, *Baron* AMPTHILL, G.C.I.E., Governor and President in Council. Took his seat, 28th December 1900.

MEMBERS OF COUNCIL.

The Honorable Mr. ARUNDEL TAGG ARUNDEL, B.A., C.S.I., Second in Council.
" " HENRY MARTIN WINTERBOTHAM, C.S.I., Third in Council.

PERSONAL STAFF OF HIS EXCELLENCY THE GOVERNOR.

H. A. Sim, Esq., I.C.S., Private Secretary, (Sub. *pro tem.*).
Captain W. MacL. Campbell, Royal Highlanders, Military Secretary.
Captain R. D'A. Fife, The Princess of Wales Own (Yorkshire Regt.), Aide-de-Camp.
Lieut. D. W. Cameron, Grenadier Guards, Aide-de-Camp.
Captain G. F. Higgins, 3rd Batn., Bedfordshire Regt., Extra Aide-de-Camp.
Lieut. *Hon.* R. Lygon, Grenadier Guards, Extra Aide-de-Camp.
Lieut.-Col. W. B. Browning, M.D., C.I.E., I.M.S., Surgeon.

ADDITIONAL MEMBERS OF COUNCIL FOR MAKING LAWS AND REGULATIONS

OFFICIAL MEMBERS.

The Honorable Mr. G. H. Stuart, M.A., (*Bar.-at-Law*), Director of Public Instruction.
" " J. E. P. Wallis, (*Bar.-at-Law*), Advocate-General.
" " G. Stokes, B.A., C.S., Chief Secretary to Government.
" " G. S. Forbes, M.A., C.S., Secretary to Government, Revenue Dept.
" " J. Thomson, M.A., C.S., 1st Member, Board of Revenue.
" " P. Rajaratna Mudaliyar, C.I.E., Dewan Bahadur, Inspr.-General of Registration.
" " H. Bradley, (*Bar.-at-Law*), C.S., Ag. 3rd Member, Board of Revenue.
" " W. Hughes, M.I.C.E., Joint Secretary to Government, P.W.D., Irrigation Branch.

NON-OFFICIAL MEMBERS.

The Honorable E. J. Norton, (*Bar.-at-Law*).
" C. Jambulinga Mudaliyar, Rao Bahadur, B.A., M.L.
" C. Vijayaraghava Chariyar, B.A.
" G. Venkataratnam Pantulu.
" P. Ratnasabapathi Pillai, B.A.
" G. G. Arbuthnot.
" The Rev. W. Miller, M.A., LL.D., C.I.E.
" Nawab Saijie Muhamad Sahib Bahadur.
" G. L. Acworth.
" *Sir* V. Bashyam Aiyangar, *Kt.*, C.I.E., B.A., B.L., Dewan Bahadur.
" Maharaja Sri Rao *Sir* Venkatasvetachalapati Ranga Rao Bahadur, K.C.I.E., Raja of Bobbili.
" Lieut.-Col. *Sir* G. M. J. Moore, *Kt.*, C.I.E.

GOVERNORS OF FORT ST. GEORGE.

Names.	Assumed the charge	Remarks.
Mr. Aaron Baker	1 Sept. 1652	
Sir Thomas Chamber	1659	
Sir Edward Winter, *Kt.*...	1661	
Mr. George Foxcroft	June 1665	Imprisoned by Sir Edward Winter.
Sir Edward Winter, *Kt.*	16 Sept. 1665	
Mr. George Foxcroft	22 Aug. 1668	
Sir William Langhorn, *Bart.*	1670	

Governors of Fort St. George—contd.

Names.	Assumed charge.	Remarks.
Mr. Streynsham Master	27 Jan. 1678	
Mr. William Gyfford	3 July 1681	
Mr. Elihu Yale	8 Aug. 1684	Acting.
Mr. William Gyfford	26 Jan. 1685	
Mr. Elihu Yale	25 July 1687	
Mr. Nathaniel Higginson	23 Oct. 1692	
Mr. Thomas Pitt	7 July 1698	[1709.
Mr. Gulstone Addison	18 Sept. 1709	Died at Madras, 17 Oct.
Mr. Edmond Montague	17 Oct. 1709	Acting.
Mr. William Fraser	3 Nov. 1709	Acting.
Mr. Edward Harrison	11 July 1711	
Mr. Joseph Collet	8 Jan. 1717	
Mr. Francis Hastings	18 Jan. 1720	Acting.
Mr. Nathaniel Elwick	15 Oct. 1721	
Mr. James Macrae	15 Jan. 1725	
Mr. George Morton Pitt	14 May 1730	
Mr. Richard Benyon	23 Jan. 1735	
Mr. Nicholas Morse	17 Jan. 1744	
[Mr. John Hinde	.....	Fort St. George captured, 10 Sept. 1746. Deputy Governor of Fort St. David. Appointed President and Governor 24 Jan. 1747, but died before receipt of despatch.
Mr. Charles Floyer	16 Apl. 1747	Dismissed 6 July 1750.
Mr. Thomas Saunders	19 Sep. 1750	Seat of Government re-established at Fort St. George, 5 Apl. 1752.
Mr. George Pigot	14 Jan. 1755	Afterwards Lord Pigot.
Mr. Robert Palk	14 Nov. 1763	
Mr. Charles Bourchier	25 Jan. 1767	
Mr. Josias Du Pre	31 Jan. 1770	
Mr. Alexander Wynch	2 Feb. 1773	
Lord Pigot	11 Dec. 1775	Placed under arrest by majority of his Council, 24 Aug. 1776.
Mr. George Stratton	23 Aug. 1776	Susp'd. from the Service.
Mr. John Whitehill	31 Aug. 1777	Acting.
Mr. Thomas Rumbold	8 Feb. 1778	
Mr. John Whitehill	6 April 1780	Acting. Suspended.
Mr. Charles Smith	8 Nov. 1780	Acting.
Lord Macartney	22 June 1781	
Mr. Alexander Davidson	13 June 1785	Acting.
Major-General Sir Archibald Campbell, K.B. ...	6 April 1786	Also Commdr.-in-Chief.
Mr. John Holland	7 Feb. 1789	Acting.
Mr. Edward John Holland	13 Feb. 1789	Acting.
Major-General William Medows	20 Feb. 1790	Also Commdr.-in-Chief.
Sir Charles Oakley, Bart.	1 Aug. 1792	
Lord Hobart	7 Sep. 1794	
Lieutenant-General George Harris ...	21 Feb. 1798	Acting.
Lord Clive	21 Aug. 1798	
Lord William Cavendish Bentinck ...	30 Aug. 1803	
Mr. William Petrie	11 Sep. 1807	Acting.
Sir George Hilaro Barlow, Bt., K.C.B. ...	24 Dec. 1807	
Lt.-Genl. the. Hon. John Abercromby ...	21 May 1813	Commander-in-Chief and temporary Governor.
Mr. Hugh Elliot	16 Sep. 1814	
Maj.-Genl. Sir Thomas Munro, Bt., K.B.C. ...	10 June 1820	Died at Pattikonda, 6 July 1827.
Mr. Henry Sulivan Graeme	10 July 1827	Acting.
Mr. Stephen Rumbold Lushington ...	18 Oct. 1827	
Lt.-Genl. Sir Frederick Adam, K.C.B. ...	25 Oct. 1832	
Mr. George Edward Russell	4 Mar. 1837	Acting.
Lord Elphinstone, G.C.H.	6 Mar. 1837	
The Marquis of Tweedale, K.T.	24 Sep. 1842	Was also Commander-in-Chief.

Governors of Fort St. George—concld.

Names.	Assumed charge.	Remarks.
Mr. Henry Dickinson	23 Feb. 1848	Acting.
Major-Genl. Sir Henry Pottinger... ...	7 Apl. 1848	
Mr. Daniel Eliott	24 Apl. 1854	Acting.
Lord Harris	28 Apl. 1854	
Sir Charles Edward Trevelyan, K.C.B. ...	28 Mar. 1859	
Mr. William Ambrose Morehead... ...	8 June 1860	Acting.
Sir Henry George Ward, K.T. ...	5 July 1860	Died at Madras 6 August 1860.
Mr. William Ambrose Morehead ...	4 Aug. 1860	Acting.
Col. Sir William Thomas Denison, K.C.B. ...	18 Feb. 1861	Acting.
Mr. Edward Maltby	26 Nov. 1863	
Lord Napier of Merchistoun, K.T. ...	27 Mar. 1866	
Mr. Alexander John Arbuthnot, C.S.I. ...	19 Feb. 1872	Acting.
Lord Hobart	15 May 1872	Died at Madras 27 April 1875.
Mr. William Rose Robinson, C.S.I. ...	29 Apl. 1875	Acting.
The Duke of Buckingham and Chandos, G.C.S.I.	23 Nov. 1875	
Mr. William Patrick Adam	20 Dec. 1880	Died at Ootacamund 24 May 1881.
Mr. William Hudleston, C.S.I.	24 May 1881	Acting.
Mr. Mountstuart Elphinstone Grant Duff, ...	5 Nov. 1881	
The Hon'ble Robert Bourke, G.C.I.E. ...	8 Dec. 1886	Created Baron Connemara.
Mr. John Henry Garstin, C.S.I.	1 Dec. 1890	Acting.
Lord Wenlock, G.C.I.E.	23 Jan. 1891	
His Excellency Sir Arthur Elibank Havelock, G.C.M.G., G.C.I.E.	18 Mar. 1896	
His Excellency The Right Hon'ble Arthur Oliver Villiers, *Baron* Ampthill, G.C.I.E....	28 Dec. 1900	

BOMBAY GOVERNMENT.

COUNCIL OF BOMBAY.

His Excellency the Right Hon. Henry Stafford, Baron Northcote, G.C.I.E., Governor and President in Council. Took his seat 17th February 1900.—Pay Rs. 10,000.

The Hon. *Sir* E. C. K. Ollivant, K.C.I.E., Second Member of Council. Took his seat 24th April 1897.—Pay Rs. 5,333-5-4.

The Hon. Mr. J. Monteath, C.S.I., M.A., (Queen's University, Belfast), Third Member of Council. Took his seat 6th August 1900.—Pay Rs. 5,333-5-4.

PERSONAL STAFF OF HIS EXCELLENCY THE GOVERNOR.

C. H. A. Hill, Esq., (*Bar.-at-Law*), I.C.S., Private Secretary.—Pay Rs. 1,500.

Captain the Hon. C. B. F. Gravithi, 7th (The Quen's Own) Hussars, Military Secretary.—Pay Rs. 1,000.

Lieut. J. G. Greig, 28th Regiment (Pioneers), Aide de-Camp.

Lieut. M. D. Wood, (The Prince of Wales' Own), Aide-de-Camp).

Captain J. W. Ferguson, 20th Hussars, Extra Aide-de-Camp.

Lieut.-Col. A. G. J. Croly, F.R.C.S., R.A.M.C., Medical Officer.—Pay Rs. 1,000.

Capt. J. H. Pollard, (The Duke of Connaught's Own) Lancers, Commandant, H. E. the Governor's Body Guard.

Lieut. J. H. Crawford, 2nd Regt. of Bombay Lancers, Adjutant to H. E. the Governer's Body Guard.

Risaldar Shiek Abdul Karim, Native Aide-de-Camp.

LEGISLATIVE DEPARTMENT.

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

The Hon. The Advocate-General, *Ex.-Officio*.
" Rao Bahadur A. B. Desai, 24th January 1899.
" Mr. F. S. P. Lely, 18th April 1899.
" S. A. Chahatral, 6th July 1899.
" " Mir Alibakshkhan Shahvani Talpur, 15th July 1899.
" " G. K. Parekh, B.A., LL.B., 1st August 1899.
" " N. G. Chandavarkar, B.A., LL.B., 2nd August 1899.
" " J. Tate, M.I.C.E., 16th August 1899.

The Hon. Mr. H. F. Aston, (*Bar.-at-Law*), 31st August 1899.
" " J. W. P. Muir-Mackenzie, M.R.A.S., 21st August 1899.
" " B. D. Petit, 21st August 1899.
" " Mahadeo Narayana Rao Govind, 16th September 1899.
" " I. Rahmtoola, 21st November 1899.
" " G. K. Gokhale, B.A., 20th December 1899.
" " H. Batty, M.A., (*Bar.-at-Law*), 17th January 1900.
" " P. M. Mehta, C.I.E., M.A., (*Bar.-at-Law*), 26th January 1900.
" " L. M. Moses, 9th February 1900.
" " W. Grover, 23rd March 1900.
" " D. McIver, 18th June 1900.
" " Rao Bahadur C. Venilal, C.I.E., 23rd July 1900.
" " A. F. Woodburn, I.C.S., (*Bar.-at-Law*).
R. J. C. Lord, C.S., Secretary.

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

The Hon. J. W. P. Muir-Mackenzie, M.R.A.S., C.S., Chief Secretary, Political, Special, Judicial and Legislative Departments, and in charge of the Separate Dept.—Pay Rs. 3,750.

P. R. Cadell, C.S., Under-Secretary, Revenue, Financial and Separate Departments.—Pay Rs. 1,250.

Krishna Rao Antoba Chemburkar, B.A., Asst. Secretary, Revenue, Financial and General Departments.—Pay Rs. 700.

Khan Bahadur M. K. Nariman, B.A., Asst. Secretary to Government, Finance Department.—Pay Rs. 600.

S. W. Edgerley, C.S., C.I.E., Secretary, Political, Judicial and Legislative Departments.—Pay Rs. 3,125, (*on furlo.*).

W. T. Morrison, C.S., *Acting* do. —Salary Rs. 2,950.

R. J. C. Lord, C.S., Under-Secy., Polti., Judl. and Educl. Depts., and Secretary to the Council of H. E. the Governor for making Laws and Regulations.—Pay Rs. 1,250.

W. S. Morgan, Asst. Secretary, Political Department.—Pay Rs. 620.

J. Bocarro, Junior Assistant Secretary in the Judicial and Legislative Departments.—Pay Rs. 500.

The Hon. Mr. H. Batty, M.A., (*Bar.-at-Law*), Remembrancer of Legal Affairs—Pay Rs. 2,300, (on dep.).

G. Jacob, C.S., *Acting* do. —Salary Rs. 2,[illegible].

J. DeC. Atkins, C.S., Secretary to Government, Educational, General, Marine and Ecclesiastical Departments.—Pay Rs. 2,500.

R. E. Enthoven, C.S., Under-Secretary to Government, General Department (Census)—Salary Rs. 1,300.

Captain J. K. Coudon, do. do. (Plague).—Pay Rs. 900.

A. R. King, Asst. Secretary.—Pay Rs. 650+Rs. 50 (as Marriage Registrar).

The Hon. J. Tate, M.I.C.E., Chief Engineer and Secretary, Public Works Department. —Pay Rs. 2,500.

E. F. Dawson, A.A., C.I.E., Under-Secretary to Government, Public Works Department, Pay Rs. 1,000.—H. R. Rs. 55; Local allowance Rs. 100.

J. D. Kolatkar, Asst. Secretary to Government, Public Works Department.—Pay Rs. 600.

J. Wilcocks, Offg. Consulting Engineer and Secretary to Government, Railway Department.—Pay Rs. 1,250 and H. R. 60.

ECCLESIASTICAL ESTABLISHMENT.

The Right Rev. J. MacArthur, Bishop of Bombay.—Pay Rs. 2,133-5-4.

Rev. W. E. Scott, M.A., Archdeacon and Commissary.—Special allowance Rs. 266-10-8.

J. C. G. Bowen, Registrar of the Diocese.—Pay Rs. 150.

HIGH COURT OF JUDICATURE AT BOMBAY.

CHIEF JUSTICE.

The Hon. *Sir* L. H. Jenkins, *Kt.*, (*Bar.-at-Law*).—Pay Rs. 6,000.

PUISNE JUDGES.

The Hon. E. T. Candy, C.S., (*Bar.-at-Law*), (*on furlo.*). ...	Pay Rs.	4,000.
" Rao Bahadur M. G. Ranade, M.A., LL.B., C.I.E. ...	"	4,000.
" Badroodin Tyabji, (*Bar.-at-Law*)	"	4,000.
" E. M. H. Fulton, C.S., (*on furlo.*). ...	"	4,000.
" L. P. Russell, (*Bar.-at-Law*), (*on furlo.*).	"	4,000.
" W. H. Crowe, (*Bar.-at-Law*)	"	4,000.
" G. C. Whitworth, *Acting*	"	4,000.
" H. Batty, M.A., (*Bar.-at-Law*), *Acting* ...	"	4,000.

GOVERNMENT LAW OFFICERS.

The Hon'ble B Lang, Advocate-General.—Rs. 2,000+200 Office allowance.
" H. Batty, M.A., (*Bar.-at-Law*), C.S., Remembrancer for Legal Affairs.—Pay Rs. 2,400, (on dep.).
" G. Jacob, *Acting* do. do.
E. F. Nicholson, Government Solicitor and Public Prosecutor.—Pay Rs. 2,500, (*on leave without allowances*).
Y. Smith, *Acting* do. do. —Salary Rs. 2,500.
V. J. Kirtikar, Government Pleader.—Pay Rs. 300.
L.W. G. Rivett-Carnac, (*Bar.-at-Law*), Administrator General.—Pay Rs. 250.
H. C. Kirkpatrick, (*Bar.-at-Law*), Reporter to the High Court.—Pay Rs. 1,000.

SMALL CAUSE COURT.

BOMBAY.

C. W. Chitty, B.A., (*Barrister-at-Law*), First Judge.—Pay Rs. 2,000.
Khan Bahadur R. M. Patel, M.A., LL.B., Second Judge.—Pay Rs. 1,350.
" Kharshedji Manekji Kharshedji, B.A., (*Bar.-at-Law*), Third Judge.—Pay Rs. 1,150.
" H. Dadabhai, Fourth Judge.—Pay Rs. 1,000.
" Muhammad Hussain Hakim, (*Bar.-at-law*), Fifth Judge.—Pay Rs. 800.

POONA.

Khan Bahadur M. N. Nanavati, B.A., LL.B., Judge.—Pay Rs. 900.

AHMEDABAD.

L. U. Tarvadi, Judge.—Pay Rs. 800.

SURAT AND BROACH.

Khan Bahadur B. E. Modi, M.A., LL.B., Judge.—Pay Rs. 800.

KARACHI.

E. Vander Straaten, Judge.—Pay Rs. 800.

OFFICERS OF THE COURT.

ORIGINAL SIDE.

[illegible] Barrow, C.S., Accountant-General.
A[illegible]liver, M.A., Master and Registrar in Equity and Commissioner for taking Accounts and Local Investigations and Taxing Officer.—Pay Rs. 1,700.
L. N. Banaji, (*Bar.-at-Law*), Prothonotary, Testamentary and Admiralty Registrar.—Pay Rs. 1,700—60—2,000.
E. Watkin, Asst. Commissioner for taking Accounts and Asst. Taxing Officer.—Pay Rs. 700.
C. W. D'Gama, First Deputy Registrar, Commissioner for taking Affidavits and Clerk to the Chief Justice.—Pay. Rs. 300.
W. J. Howard, Second Deputy Registrar.—Pay Rs. 300.
D. B. Binning, M.A., LL.B., (*Bar.-at-Law*), Head Assistant, Prothonotary's Office, and Commissioner for taking Affidavits.—Pay Rs. 800.
M. H. Starling, B.A., (*Bar.-at-Law*), Clerk of the Crown.—Pay Rs. 500.
C. W. L. Jackson, B.A., (*Bar.-at-Law*), Clerk and Sealer of the Insolvent Debtors' Court.
N. C. Macleod, B.A., (*Bar.-at-Law*), Official Assignee, Insolvent Debtors' Court.
M. B. Gagrat, Chief Translator and Interpreter.—Pay Rs. 650.
Sir J. Jeejeebhoy, *Bart.*, Sheriff.
W. Lang, Deputy Sheriff.—Pay Rs. 600.
F. H. deBrito, Commissioner for taking Affidavits and Senior Judge's Clerk.—Pay Rs. 400.

APPELLATE SIDE.

R. D. Sethna, B.A., LL.B., (*Bar.-at-Law*), Registrar, High Court, Appellate Side.—Pay Rs. 1,200.
K. F. Modi, B.A., LL.B., Deputy Registrar and Assistant Reporter.—Pay Rs. 600.
V. V. Tilak, Asst. Registrar and Supt., High Court Press.—Pay Rs. 550.

MISCELLANEOUS APPOINTMENTS.

G. C. Whitworth, C.S., Judicial Commissioner and Judge, Sadr Court, Sindh.—Pay Rs. 2,500, (on dep.).
D. Gidavall, B.A., LL.B., C.S., *Acting* do. do.
Hon. H. E. M. James, C.S., Commissioner in Sindh.—Pay Rs. 3,750+250.
Hon. F. S. P. Lely, C.S., Commissioner, Northern Division.—Pay Rs. 3,500+250+50.
Hon. A. F. Woodburn, (*Bar.-at-Law*), Commissioner, Southern Division.—Pay Rs. 3,500+250+50.
Sir A. Wingate, C.I.E., C.S., Commissioner, Central Division.—Pay Rs. 3,500+250+50.
J. Pollen, B.A., LL.D., C.S., (*Bar.-at-Law*), Commissioner of Customs and Salt and Opium, and British Delegate, Portuguese Treaty, India.—Pay Rs. 3,000+T. A. 250.

W. P. Symonds, C.S., Survey Commissioner and Director of Land Records and Agriculture.—Pay Rs. 2,325+T. A.+250+150.
J. E. Down, Inspector-General of Police.—Pay Rs. 1,800+200+30.
H. Kennedy, Commissioner of Police, Bombay.—Pay Rs. 1,800+H. R. 300.
H. G. Gell, Deputy Commissioner of Police.—Pay Rs. 1,000+50 H. R.+L. A. 75.
J. S. Slater, B.A., (*Bar.-at-Law*), Chief Presidency Magistrate and Revenue Judge.—Pay Rs. 1,600.
W. C. Webb, (*Bar.-at-Law*), Second Magistrate.—Pay Rs. 1,400.
M. Dastur, M.A., Third Presidency Magistrate.—Pay Rs. 700.
J. W. Dracup, Fourth Presidency Magistrate.—Pay Rs. 600.
A. W. Lester, Chief Clerk and Secretary to the Committee of Management, Govt. Workhouse.—Pay Rs. 500.
T. M. Filgate, Inspector-General of Prisons, Registration and Stamps, and Registrar General of Births, Deaths and Marriages.—Pay Rs. 2,000+200.
D. S. Munsiffns, Personal Asst. do. —Pay Rs. 350.
P. Byrne, (*Bar.-at-Law*), *Acting* Coroner.—Pay Rs. 850+C. A. Rs. 60.
Surg.-General Geo. Bainbridge, M.D., I.M.S., Surgeon-General.—Pay Rs. 2,500.
Captain J. H. Macdonald, M.B., C.M., I.M.S., Personal Assistant to Surgeon-General —Pay Rs. 600—H.R. 75.
Lieut.-Col. J. W. Clarkson, Sanitary Commissioner.—Pay Rs. 1,200—120—1,800.
J. C. Pottinger, M.I.C.E., Sanitary Engineer.—Pay Rs. 1,600.
E. Giles, M.A., Director of Public Instruction.—Pay Rs. 2,000—100—2,500.
M. MacMillan, B.A., Principal, Elphinstone College.—Pay Rs. 1,350.
F. L. Sprott, Principal, College of Science, Poona.—Pay Rs. 1,050.
E. W. Waddington, M.A., Principal, Rajkumar College.—Pay Rs. 1,500.
L. J. Robertson, (*Bar.-at-Law*), Principal, Govt. Law School—Allowance Rs. 350.
Surg.-Lieut.-Col. W. K. Hatch, M.B., C.M., F.R.C.S., I.M.S., Principal, Medical College.—Pay Rs. 1,000.
Vety.-Major J. Brodie-Mills, Principal and Professor of Veterinary Science.—Pay Rs. 1,150+L.A. 100+C.A. 35, H.R. 60.
D. Macdonald, M.D., B.SC., C.M., University Registrar.—Pay Rs. 300+H. R. 60.
E. Greenwood, Principal and Decorative Artist and Architectural Sculptor.—Pay Rs. 800+H. R. 100.
R. C. Wroughton, late I.N., Conservator of Forests, 1st Gr., Central Circle.—Pay Rs. 1,600+T. A. 200.
T. B. Fry, Conservator of Forests, 3rd Gr., Southern Circle.—Pay Rs. 1,100+T.A.+200.
F. R. Desai, Conservator of Forests, Northern Circle.—Pay Rs. 1,350+T. A. 200.
E. Gray, (*Barrister-at-Law*), C. S., Collector of Bombay, and Supt. of Stamps and Stationery, and also Commissioner of Income Tax (Rs. 250).—Pay Rs. 2,325.
Major G. Davidson, R.E., Mint Master and Mint Engineer.—Pay Rs. 2,000—Acting Senior Mint Master Salary—Rs. 1,666—108.
J. Cornwall, Post Master General.—Pay Rs. 1,500+H. R. 125.
W. Merret, Presidency Post Master.—Pay Rs. 1,000.
E. A. Kevyon, Chief Superintendent, Telegraph Department.—Pay Rs. 850+100+H.R. 45.
O. T. Barrow, C.S., Accountant-General.—Pay Rs. 2,750+250.
G. D. Padamji, Deputy Accountant-General.—Pay Rs. 1,200.
W. L. Harvey, C.S., Municipal Commissioner, Bombay.—Pay Rs. 2,500.
Lieut.-Col. T. S. Weir, I.M.S., Health Officer to the Municipality of Bombay.—Pay Rs. 1,500.
R. J. C. Westbrook, Shipping Master.—Pay Rs. 600.
Mirza Abbas Ali Baig, B.A., C.S., Oriental Translator to Government.—Pay Rs. 800.
J. Bocarro, Portuguese Translator to Government.—Pay Rs. 75.
Gopal Moreshwar Sathe, B.A., Reporter on the Native Press and Registrar of Native Publications.—Pay Rs. 400.
H. Cousens, Superintendent, Archæological Survey.—Pay Rs. 600.
G. L. Towers, Meteorological Reporter for Western India.—Pay Rs. 300.
R. A. F. Moos, B.SC., F.R.C.S., F.C.S., Sub. *pro tem* Director of Government Observatory at Colaba.—Pay Rs. 500.
F. R. Joshi, Superintendent, Government Central Press.—Pay Rs. 800.
T. Drewet, Inspector of Steam Boilers and Prime Movers.—Pay Rs. 650+C. A. 50.

GOVERNORS OF BOMBAY.

Names.	Assumed charge of office.	Remarks.
The Hon. Sir Gervase Lucas	5 Nov. 1666	Died 21st May 1667.
Captain Henry Garey	22 May 1667	Officiating [1669.
Sir George Oxden	22 Sept. 1668	Died in Surat 14th July
Mr. Gerald Aungier	14 July 1669	Do. 30th June 1677.

Governors of Bombay—concld.

Names.	Assumed charge of office.	Remarks.
Mr. Thomas Rolt	30 June 1677	
Sir John Child, *Bart.*	27 Oct. 1681	
Mr. Barth Harris	4 Feb. 1690	Died 10th May 1694.
Mr. Daniel Annesley	10 May 1694	Officiating.
Sir John Gayer	17 May 1694	
Sir Nicholas Waite	Nov. 1704	
Mr. William Aislabie	Sept. 1708	
Sir Stephen Strutt	1715	Officiating.
Mr. Charles Boone	1716	
Mr. William Phipps	1720	
Mr. Robert Cowan	1728	Dismissed from the Service.
Mr. John Horne	22 Sep. 1734	
Mr. Stephen Law	7 Apl. 1739	
Mr. William Wake	26 Nov. 1742	
Mr. John Geekie	15 Nov. 1742	Officiating.
Mr. Richard Bourchier	17 Nov. 1750	
Mr. Charles Crommellin	20 Feb. 1760	
Mr. Thomas Hodges	27 Jan. 1767	Died 23rd Feb. 1771.
Mr. William Hornby	26 Feb. 1771	
Mr. Rawson Hart Boddam	1 Jan. 1784	
Mr. Andrew Ramsay	9 Jan. 1788	Officiating.
Major-Genl. Sir W. Medows, K.B.	6 Sep. 1788	
Major-Genl. Sir Robert Abercromby, K.B.	21 Jan. 1790	
Mr. George Dick	1 Nov. 1793	Officiating.
Mr. John Griffiths	3 Sep. 1795	Officiating.
Mr. Jonathan Duncan	27 Dec. 1795	Died in Bombay 11th August 1811.
Mr. George Brown	11 Aug. 1811	Officiating.
Sir Evan Nepean, *Bart.*	12 Aug. 1812	
The Hon. Mountstuart Elphinstone	1 Nov. 1819	
Major-Genl. The Hon'ble Sir John Malcolm, K.C.B.	1 Nov. 1827	
Lieut.-Genl. the Hon'ble Sir Thomas Sidney Beckwith, K.C.B.	1 Dec. 1830	Died 15th Jany. 1831.
Mr. John Romer	17 Jany. 1831	Officiating.
The Earl of Clare	21 Mar. 1831	
Sir Robert Grant, G.C.H.	17 Mar. 1835	Died at Dapuri, near Poona, 9th July 1838.
Mr. James Farish	11 July 1838	Officiating.
Sir J. Rivett-Carnac, *Bart.*	31 May 1839	
Sir William Hay Macnaghten, *Bart*	.....	Appointed 4th August 1841, but before he could take charge was assassinated in Cabul on the 28th September 1841.
Mr. George William Anderson	28 Apl. 1841	Officiating.
Sir George Arthur, *Bart.*, K.C.H.	9 June 1842	
The Hon'ble Mr. Lestock Robert Reid	6 Aug. 1846	
Sir George Russell Clerk, K.C.B.	23 June 1847	
Viscount Falkland	1 May 1848	
Lord Elphinstone, G.C.B.	26 Dec. 1853	
Sir George Russel Clerk, K.C.B.	11 May 1863	
Sir Henry Bartle Frere, K.C.B., G.C.S.I.	24 Apl. 1862	
Sir William Robert Seymour Fitzgerald, G.C.S.I.	6 Mar. 1867	
Sir Philip Edmond Wodehouse, K.C.B., G.C.S.I.	6 May 1872	
Sir Richard Temple, *Bart.*, G.C.S.I., C.I.E.	30 Apl. 1877	
Hon. L. R. Ashburner	13 Mar. 1880	Officiating.
Sir James Fergusson, *Bt.*, K.C.M.G., C.I.E.	28 Apl. 1880	
The Rt. Hon'ble Lord Reay, LL.D., G.C.I.E.	30 Mar. 1885	
The Rt. Hon'ble Lord Harris	12 Apl. 1890	
The Rt. Hon'ble William, Baron Sandhurst	18 Feb. 1895	
The Rt. Hon'ble H. Stafford, Baron Northcote, G.C.I.E.	17 Feb. 1900	

BENGAL.

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

PRESIDENT.

His Honor *Sir* John Woodburn, K.C.S.I., C.S., Lieut.-Governor of Bengal.—Pay Rs. 8,333-5-4 + Household allowance, Rs. 500, 17th April 1898.

COUNCILLORS.

The Hon. W. B. Oldham, C.I.E., 10th Feb. 1900.
" J. T. Woodroffe, (*Bar.-at-Law*), 6th January 1900.
" C. E. Buckland, C.I.E., 26th June 1899.
" J. A. Bourdillon, C.S.I., 27th March 1900.
" R. B. Buckley, 12th June 1900.
" F. A. Slacke, 4th August 1899.
" E. N. Baker, 5th November 1898.
" Behari Lol Gupta, 24th April 1900.
" Rao Durga G. Banerjee Bahadur, C.I.E., 28th March 1899.
" Moulvi Saiyid Mahomed, 9th May 1900.
" Raja Ranjit Singha Bahadur, 6th January 1899.
The Hon. Sohibzada Muhammad Bakhtyar Shah, C.I.E., 15th January 1899.
" Mr. H. Elsworthy, 27th March 1900.
" " G. H. Sutherland, 21st April 1900.
" " Madhu Sudan Das, 9th July 1900.
" " A. M. Bose, 22nd Sept. 1900.
" " J. G. Apcar, 18th July 1899.
" Dr. Asutosh Mukhopadhyya, M.A., D.L., F.R.A.S., F.R.S.E., 25th July 1899.
" Babu B. N. Sen, 28th July 1899.
" Babu Surendranath Banerjee, 31st July 1899.

Major J. Strachey, Private Secretary.—Pay Rs. 640 + L. A. 350.
Lieut. C. J. S. Allanson, R.A., Aide-de-Camp.
Commander E. W. Petley, C.I.E., Honorary Aide-de Camp.
Lieut.-Col. J. Hodding, do. do.
C. W. Bolton, C.S.I., Chief Secy., Judl. and Poltl. Depts.—Pay Rs. 3,333-5-4.
The Hon. F. A. Slacke, C.S.I., Secy. in the General, Revenue and Statistical Depts.—Pay Rs. 2,750.
E. N. Baker, C.S.I., Secy. in the Financial and Municipal Depts.—Pay Rs. 2,750.
C. L. S. Russell, Under-Secy., Judicial, Poltl. and Appt. Depts.—Pay Rs. 1,000.
R. Sheepshanks, Under-Secy., Financial and Municipal Depts.—Pay Rs. 1,000.
E. Lister, Under-Secy., General, Revenue and Statistical Depts.—Pay Rs. 1,000.
F. G. Wigley, (*Bar.-at-Law*), Asst. Secy., Legal. Dept. and Secretary to the Bengal Council —Pay Rs. 1,000.
The Hon. R. B. Buckley, C.I.E., Secretary to Govt. and Chief Engineer, Irrigation Branch.—Rs. 2,002-4-0.
D. Joscelyne, Secy. to Govt. and Chief Engineer, Railway.—Pay Rs. 2,000.
The Hon. G. Toynbee, C.S., Member, Board of Revenue, Land Rev. Dept.—Pay Rs. 4,000.
" W. Oldham, C.I.E., C.S., do. do. Mis. Rev. Dept.—Pay Rs. 4,000.
E. W. Collin, C.S., Secy., Board of Revenue.—Pay Rs. 2,500.
N. Bonham-Carter, Junior Secretary.—Pay Rs. 1,800.
P. C. Lyon, Director of Land Records.—Pay Rs. 1,800.
D. J. Macpherson, C.I.E., C.S., Collector, Custom House.—Pay Rs. 2,250.
R. G. Girard, Collector of Income Tax.—Pay Rs. 700 to 1,000.
K. G. Gupta, Commissioner of Excise.—Pay Rs. 2,250.
The Hon. Rai D. G. Banerjea, Bahadur, C.I.E., Collector of Stamp Revenue, Calcutta.—Pay Rs. 1,000.
A. H. Gayer, Superintendent of Stamps and Stationery.—Pay Rs. 1,100.
T. A. Pearson, (*Bar.-at-Law*), Chief Presidency Magistrate.—Pay Rs. 1,500.
The Hon. Nawab Saiyid Amir Hussein, C.I.E., Presidency Magistrate, Northern Division.—Pay Rs. 1,250.
R. Carstairs, C.S., Offg. Commissioner, Chittagong Division.—Pay Rs. 2,916-10-8 + 250.
F. R. S. Collier, C.S., Commissioner, Chittagong Division.—Pay Rs. 2,916-10-8 + 250.
C. J. S. Foulder, C.S., Offg. Commissioner, Burdwan Division.—Pay Rs. 2,916-10-8 + 250.
A. Forbes, C.S.I., C.S., Commissioner, Chota Nagpore Division.—Pay Rs. 2,916-10-8 + 250
F. B. Taylor, C.S., Judicial Commissioner, Chota Nagpore.—Pay Rs. 2,916-10-8 + 250.
E. B. Harris, C.S., Commissioner, Orissa Division, and Supt. of Tributary Mahals. —Pay Rs. 2,916 + 250.
The Hon. J. A. Bourdillon, C.S.I., C.S., Commr. Patna Division.—Pay Rs. 2,916-10-8 + 250.
The Hon. C. E. Buckland, B.A., C.I.E., C.S., (*Bar.-at-Law*), Commissioner, Presidency Division.—Pay Rs. 2,916-10-8 + 250.
C. R. Marindin, Commr., Rajshahye, Cooch Behar Division.—Pay Rs. 2,916-10-8 + 250.
H. C. Williams, C.S., Commissioner, Bhagalpur Division.—Pay Rs. 2,916-10-8 + 250.
H. Savage, C.S., Offg. Commissioner, Dacca Divn.—Pay Rs. 2,916-10-8 + 250.
G. A. Grierson, PH.D., C.I.E., C.S., Opium Agent, Behar.—Pay Rs. 2,916-10-8 + 250.
F. C. Baillie, C.S., Opium Agent, Benares.—Pay Rs. 2,600.

R. T. Greer, C.S., Chairman of the Corporation of the Town of Calcutta, and Commissioner of Police.—Pay Rs. 3,000 + House allowance, Rs. 250.

N. Muckerji, M.A., B.L., Vice-Chairman of Calcutta.—Pay Rs. 1,200.

A. E. Wild, Conservator of Forests.—Pay Rs. 1,600.

Major G. B. Hodgson S.C., Offg., Supt. of Settlement Surveys, Calcutta.—Pay Rs. 1,300 + L. A 100.

J. C. E. Branson, C.S., Accountant-General.—Pay Rs. 2,500 + L. A. 250.

M. N. Bhattacharya, M.A., Deputy Accountant-General.—Pay Rs. 1,100.

J. Masters, Offg. Inspector-General of Police.—Pay Rs. 2,500.

A. H. James, Commissioner of Police.—Pay Rs. 1,500.

T. K. Ghose, B.A., Inspector-General, Registration Dept.—Pay Rs. 1,250.

Pratap Chander Ghosha, B.A., Registrar of Calcutta, and also Registrar of Joint Stock Companies.—Pay Rs. 600.

A. U. Fanshawe, C.S.I., C.S., Director-General of the Post Office of India.—Pay Rs. 3,000.

K. J. Badshah, B.A., C.S., Comptroller, Post Office.—Pay Rs. 2,250 + House Rent, Rs. 125.

H. M. Kisch, M.A., (*Bar.-at-Law*), C.S., Post Master General.—Pay Rs. 2,500 + House Rent, Rs. 200.

J. Owens, Presidency Post Master.—Pay Rs. 1,000.

Lieut.-Col. E. Mair, Inspector-General of Jails, Bengal, and *Ex-officio* Deputy Sanitary Commissioner.—Pay Rs. 2,000.

A. Pedler, F.R.S., Director of Public Instruction.—Pay Rs. 2,000.

Col. S. H. Hendley, V.D., C.I.E., M.D., Inspector-General of Civil Hospitals.—Pay Rs. 2,250.

Major H. J. Dyson, Sanitary Commissioner.—Pay Rs. 1,440.

Dr. W. Forsyth, Health Officer, Port of Calcutta.—Pay Rs. 1,200 + 100 House Rent.

A. E. Silk, A.M.I.C.E., Sanitary Engineer.—Pay Rs. 700 + L. A. 100.

C. Banks, M.D., D.P.H., Protector of Emigrants and Superintendent of Emigration.—Pay Rs. 1,200 + 100.

P. J. Falle, R.I.M., Port Officer and Master Attendant.—Pay Rs. 1,870.

T. A. Pearson, Judge of the Court for the trial of Pilots.—Pay Rs. 200.

W. Ross, Superintendent, Government Printing in Bengal.—Pay Rs. 1,000.

C. Little, Meteorological Reporter to Government.—Pay Rs. 300 to 450.

J. Maun, M.A., Principal, Presidency College.—Pay Rs. 1,100; also Registrar of Calcutta University.—Pay Rs. 1,250.

J. S. Slater, Principal, Civil Engineering College.—Pay Rs. 1,250. [Rs. 1,000.

W. H. Jobbins, Superintendent of the Government School of Art and Art Gallery.—Pay

Lieut.-Col. J. Bomford, M.D., I.M.S., Principal, Medical College, Calcutta.—Pay Rs. 1,800.

Major D. Prain, M.B., Superintendent, Royal Botanical Gardens.—Pay Rs. 1,300.

C. Amedroz, Special Inspector of the Factories in Bengal.—Pay Rs. 700.

Chunder Nath Bose, M.A., B.L., Bengali Translator to Government.—Pay Rs. 400.

Kali Kumar Mitra, B.A., Urdu and Hindi Translator to Government.—Pay Rs. 300 to 400.

Rajendra Chandra Sastri, M.A., Librarian, Bengal.—Pay Rs. 200 to 250.

POLITICAL RESIDENTS, CHIEF COMMISSIONERS, &c.

Brigr.-Genl. H. E. Penton, C.B., Commanding Aden Brigade and Political Resident, and in charge of Vice-Admiralty Court, Aden.—Pay Rs. 3,000 + 500 Sumptuary allowance.

———, Resdt., 1st Class, Hyderabad.—Pay Rs. 4,000 + 1,000.

The Hon. Lt.-Col. D. W. K. Barr, C.S.I., I.S., Offg. Resdt., 1st Class, Hyderabad.—Salary Rs. 4,000 + 1,000 Sumptuary allowance.

Col. K. J. L. Mackenzie, C.I.E., S.C., Commissioner, Hyderabad Assigned Districts, (Berar).—Pay Rs. 2,750.

W. E. Jardine, C.S., First Assistant and Secretary for Berar to the Resident.—Salary and allowance, Rs. 1,450.

Lieut.-Col. F. S. Sorell, Military Secretary to the Resident, Hyderabad.

„ E. Lawrie, M.B., Residency Surgeon, Hydersbad.—Salary and allowance Rs. 2,656-6-0.

P. S. Bullock, C.I.E., C.S., Commissioner, Berar.—Pay Rs. 2,750.

R. Obbard, C.S., Judicial Commissioner.—Pay Rs. Rs. 2,750.

A. Elliot, Civi and Sessions Judge, Amraoti, Pay Rs. 833 5-5-.

Lt. Col.-W. Hastings, I.S.C., Inspector-General of Police, Jails, Registration and Stamps, Hyderabad.—Pay Rs. 1,833-5-4.

Lieut.-Col. C. L. Swain, M.D., M.C., D.P.H., I.M.S., Sanitary Commissioner, Inspector-General of Dispensaries and Superintendent of Vaccination, Hyderabad Assigned Dists. —Pay Rs. 1,400.

G. H. Candy, B.A., LL.M., Director of Public Instruction, Hyderabad.—Pay Rs. 750 to 900.

The Hon. Lt.-Col. D. W. K. Barr, C.S.I., S.C., Resident, 1st Class, and Agent to the Governor-General and Resident, 1st Class, Indore, Central India.—Pay Rs. 4,000 + 250, —(on dep.).

The Hon. C. S. Bayley, C.S., Offg, do. do. —Salary Rs, 2,666—1,083 + L.A. 250.

Lieut.-Col. D. Robertson, S.C., Resident of Mysore and Chief Commr., Coorg, 1st Class. Pay Rs. 4,000 + 500.

H. R. C. Dobbs, Secretary to the Chief Commissioner of Coorg.—Salary Rs. 1000 + L. A. 250.

Major R. G. Jones, Madras Lancers, Military Assistant, Mysore Government.

Lieut.-Col. A. F. Dobson, M.B., I.M.S., Residency Surgeon, Bangalore.—Pay Rs. 950 + 200.

L. T. Harris, C.S., Dist. Magistrate, Collector and President, Municipal Corporation Civil and Military Station, Bangalore, and *Ex-officio* Asst. to the Resident.—Pay Rs. 1,000.

P. S. Krishna Rao, Civil and Sessions Judge, Civil and Military Station, Bangalore.—Pay Rs. 500 to 800.

Hon. A. H. T. Martindale, Chief Commissioner and Resident, 1st Class, Ajmere, Meywar, and Agent to the Governor-General, Rajputana.—Pay Rs. 4,000 + Special allowance Rs. 250, (*on furlo.*).

Lieut.-Col. W. H. C. Wyllie, C.I.E., S.C., Offg. do. —Salary Rs. 3,333-5-4 + Sp. A. 250.

Lieut.-Col. C. W. Ravenshaw, S.C., Resident, 2nd Class, and Agent to the Governor-General, Baroda.—Pay Rs. 2,500.

Lieut.-Col. S. F. Penhey, Resident, 2nd Class, in Meywar.—Pay Rs. 1,600.

Lieut.-Col. W. H. C. Wyllie, S.C., Offg. Resident, 1st Class, Rajputana.—Salary Rs. 3,333-8-4 + L. A. 250.

G. R. Irwin, C.S., Resident, 2nd Class, Jeypore.—Salary Rs. 2,000 + Sp A. Rs. 100.

Lieut.-Col. A. P. Thornton, S.C., Resident, 2nd Clas, Western State of Rajputana (Jodhpore).—Pay Rs. 2,000.

Col. H. A. Vincent, S.C., Resident, 2nd Class, in Bikaneer.—Pay Rs. 2,000.

Lieut.-Col. T. C. Spears, S.C., Resident, 2nd Class, Gwalior.—Pay Rs. 2,200.

Lieut.-Col. R. H. Jennings, S.C., Offg. Resident, Indore.—Salary Rs. 2,000.

Col. W. Lock, S.C., Resident, 2nd Class, Nepaul.—Pay Rs. 2,250 + L.A. 250.

Lieut.-Col. *Sir* A. C. Talbot, K.C.I.E., S.C., Resident in Kashmir.—Pay Rs. 2,500 + Sumptuary allowance Rs. 250.

Major P J. Melvill, S.C., Offg. Resident, 2nd Class, and Political Resident, Turkish Arabia.—Salary Rs. 2,166-10-8.

Lieut.-Col. R. C. Temple, C.I.E., Chief Commissioner of the Andamans and Nicobar Islands, and Superintendent of Port Blair.—Pay Rs. 3,000.

Capt. J. M. Smith, V.C., C.I.E., S.C., Political Agent at Gilgit.—Pay Rs. 1,500.

The Hon. J. T. Woodroffe, (*Bar.-at-Law*), Advocate-General.—Pay Rs. 3,120

Sir P. O'Kinealy, (*Bar.-at-Law*), Standing Counsel.—Pay Rs. 1,333-5-4.

H. C. Eggar (*Bar.-at-Law*), Solicitor to Government.—Pay Rs. 2,000. [Rs. 1,700.

C. P. Chapman, C.S., Registrar, High Court, Calcutta, (Appellate Jurisdiction).—Pay

W. R. Fink, do. do. (Original do.).—Pay Rs. 1,875.

L. P. D. Broughton, (*Bar.-at-Law*), Administrator-General, (Paid by Commission).

Lt.-Col. M. J. Meade, S.C., Resident, 2nd Class, and Political Resident, Persian Gulf.—Pay Rs. 2.5[illegible] 250.

C. S. Bayley, C.S., Resident, 2nd Class, and General Superintendent of Operations for Thagi and Dakaiti.—Pay Rs. 2,250.

The Hon. H. P. Barnes, C.S.I., C.S., Resident, 1st Class, and Agent to the Governor-General in Baluchistan.—Pay Rs. 4,000 + S.A. 500 + F.T. 250.

Lieut.-Col. H. M. Temple, S.C., Agent to the Governor-General of India and H. M.'s British Consular-General for Khorassan and Seistan, and Additional Resident, 2nd Class.—Pay Rs. 2,000 + Sumpy. allowance Rs. 750.

Major W. H. M. Stewart, S.C., Political Officer with Sardar Muhammad Ayub Khan.—Salary Rs. 1,200 + H. R. 1,100 a year.

A. F. de Lassoe, C.M.G., C.I.E., Political Agent, 2nd Class (Offg. 1st Class), and Poltl. Officer in charge of the Ex-Amir.—Salary Rs. 1,800 + H. R. 1,700 per annum.

———o———

NORTH-WESTERN PROVINCES AND OUDH.

The Hon. *Sir* Antony Patrick MacDonell, G.C.S.I., M.A., Lieut.-Governor of the North-Western Provinces and Chief Commissioner of Oudh.—Pay Rs 8,333-5-4.

Capt. E. C. Bayley, S.C., Private Secretary.—Pay Rs. 374-1-6 + Staff Pay Rs. 350.

Major H. Lee Pennell, Aide-de Camp.—Pay Rs. 640 + Staff Pay Rs. 250.

Captain R. R. Deans, Volunteer Army. } Hony. Aides-de-Camp.
Major G. R. Fox, do. }

Additional Members for Making Laws and Regulations.

The Hon.	Raja Rámpal Singh	25th May 1898.
„	Babu Sri Ram, Rai Bahadur	do.
„	Lieut.-Col. W. E. Cooper, C.I.E.	do.
„	Mr. J. O. Miller, C.S.	do.
„	„ C. W. Odling, C.S.I.	do.
„	„ J. Hooper, (I.C.S.)	do.
„	Pandit Bishambhar Nath	do.
„	Mr. T. Conlan, (*Bar.-at-Law*)	do.
„	Raja Balwant Singh, C.I.E.	do.

The Hon. Nawab Mumtaz-ud-daula Mahammad Faiyaz Ali Khan, 25th May 1898.
" Maharaja *Sir* Partáb Narayan Singh, K.C.I.E. ... ... do.
" Mr. R. H. Macleod, C.S. ... ... 10th Jan. 1899.
" " J. S. Meston, C.S. ... ... 9th March 1899.
" " D. T. Roberts, C.S. ... ... 26th June 1899.
" " R. G. Hardy, C.S.I., C.S. ... ... 15th December 1899.
J. O. Miller, C.S., Chief Secy. to the Govt., North-West Provinces.—Pay Rs. 3,000.
L. M. Thornton, C.S., Second Secretary to Govt.—Pay Rs. 2,250.
J. S. Meston, Third Secretary to Government.
P. Dewhurst, C.S., Under-Secretary.
W. S. Morris, C.S., do.
W. J. E. Lupton, C.S., do.
C. W. Odling, C.I.E., R. E., Secretary to Government, P. W. Department, Buildings and Roads and Railway Branches.
W. G. Wood, Under-Secretary to do. do.
C. G. Palmer, C.I.E., do. to Government, P. W. Department, Irrigation Branch.
W. R. Williams, Under-Secretary to do. do. do.
W. R. Butterfield, Assistant Secretary to Government in the Public Works Department.
D. C. Baillie, B.A., C.S., Opium Agent, Gazipur.—Pay Rs. 2,600 + T. A. 250.
J. M. Holmes, M.A., C.S., Inspr.-Genl. of Regn. and Commr. of Excise and Stamps, and also Registrar of Joint Stock Companies.—Pay Rs. 2,250.
J. Deas, C.S., Judicial Commissioner, Oudh.—Pay Rs. 3,500.
G. T. Spankie, (*Bar.-at-Law*), Addl. Judicial Commissioner.—Pay Rs. 3,333-5-4.
M. Nihal-ud-din Ahmad, Registrar to Judicial Commissioner.—Pay Rs. 650.
Babu N. N. Ghosal, B.A., B.L., Govt. Pleader for Oudh, and Public Prosecutor for all cases coming before the Judicial Commissiner, Oudh.—Pay Rs. 200.
Hon. J. J. D. LaTouche, C.S.I., C.S., Senior Member, Board of Revenue.—Pay Rs. 3,500.
H. F. Evan, C.S.I., C.S., Junior Member, Board of Revenue.—Pay Rs. 3,500.
F. W. Brownrigg, C.S., Secy. to the Board of Revenue.—Pay Rs. 2,000.
F. J. Pert, C.S., Joint Secretary.—Salary Rs. 2,250.
Babu Boleshwar Prasad, B.A., Junior Secretary.—Pay Rs. 700 + L. A. 750.
H. C. A. Conybeare, C.S., Offg. Commissioner, Meerut Division.—Pay Rs. 2,916-10-8 + 250.
L. A. S. Porter, Offg. Commissioner, Benares Division.—Pay Rs. 2,916-10-4 + 250.
J. W. Cruickshank, (*Bar.-at-Law*), C.S.I., C.S., Commr., Rohilkhund Division.—Pay Rs. 2,916-10-8 + 250.
H. L. Impey, C.S., Offg. Commissioner, Agra Division.—Pay Rs. 2,916-10-8 + 250.
[illegible]av, Commissioner, Lucknow Division.—Pay Rs. 2,500 + 250.
Co[illegible]e, Cav., (*Barrister-at-Law*), Commr., Oudh Division.—Pay Rs. 2,916-10-4 + T. A.
E. B. Alexander, C.S., Commissioner, Allahabad Division.
J. Hooper, C.S., Commissioner, Fyzabad Division.—Pay Rs. 2,916-10-8 + 250.
R. E. Hamblin, Commissioner, Kumaon Division.—Pay Rs. 2,000 + 250.
H. Z. Darrah, Offg. Commissioner, Gorakpur Division.—Pay Rs. 2,916-10-8 + 250.
J. Hooper, C.S., Commissioner of Settlements for Oudh.
R. M. Dane, C.I.E., C.S., Commissioner of Northern India Salt Revenue.—Pay Rs. 2,500.

JUDICIAL DEPARTMENT.

The Hon. *Sir* A. Strachey, *Kt.*, B.A., LL.B., (*Bar.-at-Law*), Chief Justice, High Court, Allahabad.—Pay Rs. 5,000.
" G. E. Knox, C.S., Puisne Judge.—Pay Rs. 4,000.
" H. F. Blair, (*Bar.-at-Law*), Puisne Judge.—Pay Rs. 4,000.
" P. C. Banarji, B.A., B.L., Puisne Judge.—Pay Rs. 4,000.
" W. R. Burkitt, C.S., (*Bar.-at-Law*), Puisne Judge.—Pay Rs. 4,000.
" B. S. Aikman, C.S., Puisne Judge.—Pay Rs. 4,000.
B. Lindsay, C.S., Registrar.—Pay Rs. 1,600.
J. W. Walsh, Depy. Registrar.—Pay Rs. 500 to 800.
C. V. Jacob, Assistand Registrar.—Pay Rs. 500.
R. H. Macleod, C.S., Legal Remembrancer.—Pay Rs. 2,500.
W. K. Porter, (*Bar.-at-Law*), Law Reposter.—Pay Rs. 400.
Pandit Suraj Nath, B.A., L.L.B., Offg. Goveramnent Pleader.—Pay Rs. 300.
E. M. D. C. Chamier, (*Bar.-at-Law*), Govt. Advocate.—Pay Rs. 1,500.
Saiyid Akbar Hussain Khan Bahadur, Small Cause Court Judge, Allahabad.—Pay Rs. 800 to 1,000.
Babu Nilwadbab Rao, B.A., B.L., do. Cawnpore.—Pay Rs. 800.
Lala Baji Nath, B.A., Rao Bahadur, do. Agra.—Pay Rs. 800.
Babu Mohan Lal, do. Benaras.—Pay Rs. 800.

MISCELLANEOUS APPOINTMENTS.

F. C. Harrison, C.S., Accountant-General.—Pay Rs. 2,500.
M. F. Gauntlett, C.S., Deputy Accountant-General.—Salary Rs. 1,500.
J. W. Oliver, Conservator of Forests and also Director of Forest School.—Pay Rs. 1,600 + E. A. 200.

W. J. Ham, Post Master General.—Pay Rs. 1,500 to 1,750.
C. S. James, Asst. Superintendent, Telegraph Dept. Lucknow.—Pay Rs. 1,000.
R. H. Brereton, C.S., Inspector-General of Police.—Pay Rs. 2,500.
Lieut.-Col. G. C. Hall, F.R.C.S., Inspr.-Genl. of Prisons.—Pay Rs. 1,833-5-4.
T. C. Lewis, M.A., Director of Public Instruction.—Pay Rs. 2,000.
A. Venis, M.A., Principal, Queen's College, Benares.—Pay Rs. 833-5-4.
G. F. W. Thibaut, PH.D., Pincipal, Muir Central College.—Pay Rs. 1,250.
The Right Rev. A. Clifford, M.A., D.D., Bishop of Lucknow.
Venerable O. D. Watkins, M.A., Archdeacon of Lucknow and Commissary to the Bishop.
A. M. Dunne, (*Bar.-at-Law*), Registrar of the Diocese of Lucknow.
Col. G. Hutcheson, M.D., C.M., Inspector-Genl. of Civil Hospitals, N.W. P.—Pay Rs. 2,250.
Lieut.-Col. S. J. Thomson, C.I.E., D.P.H., Sanitary Commissioner.—Pay Rs. 1,200 to 1,800.
Lieut.-Col. J. Clibborn, B.A., S.C., Principal, Thomason College, Roorkee.—Pay Rs. 1,500.
F. Luker, Superintendent of Government Press.—Pay Rs 600—50—1,000.
Vety.-Major R. H. Ringe, Supt., Civil Veterinary Dept.—Salary Rs. 750, C. A. 400.
J. Murray, M.A., Meteorological Reporter.—Allowance Rs. 100—15—175.
W. Gollan, Superintendent, Botanical Gardens, Saharanpur.—Pay Rs. 400 + E. A. 50.
M. Ridley, Superintendent, Horticultural Gardens, Lucknow.—Pay Rs. 425 + E.A. 25.
H. J. Davis, Superintendent, Government. Gardens, Allahabad.—Pay Rs. 215.
A. E. P. Griessen, Superintendent, Taj and other Gardens, Agra.—Pay Rs. 200 + C. A. Rs. 25.

—o—

PUNJAB.

The Hon. *Sir* William Mackworth Young, M.A., K.C.S.I., C.S., (Councillor of the Empress), Lieut.-Governor of the Punjab.—Assumed charge, 6th March 1897.—Pay Rs. 8,333-5-4 + F. A. 250 and Sp. A. 500.
Captain G. W. Rawlins, Private Secretary and Aide-de-Camp.—Pay Rs. 374-1-6 + Staff Salary Rs. 350.
" L. A. G. Hanmer, Aide-de-Camp.

ADDITIONAL MEMBERS FOR MAKING LAWS AND REGULATIONS.

The Hon. Mr. C. L. Tupper, B.A., C.S.I., C.S. ... ... 17th May 1898.
" H. E. Fanshawe, C.S., C.S.I. ... ... 20th December 1898.
" *Sir* Nawab Amiruddin, Ahmed Khan, K.C.I.E. ... do.
" Sardar Bhagat Singh, C.I.E. ... ... do.
" Nawab Muhammad Hayat Khan, C.S.I. ... ... do.
" Mr. A. F. D. Cunningham, C.I.E., C.S. ... ... 8th January 1900.
" " J. Wilson, M.A., C.S. ... ... do.
" " J. McC. Douie ... ... do.
" Raja Rai Bahadur Suraj Laul ... ... 6th July 1900.
A. Turner, Secretary Legislative Council. ... ... do.
L. W. Dane, C.S., Chief Secretary to the Government.—Pay Rs. 2,500, (*on furlo.*).
The Hon. Mr. J. McC. Douie, C.S., Offg. do. —Salary Rs. 2,500.
A. H. Diack, C.S., Revenue and Financial Secretary.—Pay Rs. 2,250.
H. A. Casson, B.A., C.S., Judicial and General Secretary.—Pay Rs. 1,800.
R. A. Mant, Under Secretary.—Pay Rs. 900.
H. P. Tollington, B.A., C.S., Under-Secretary, Revenue Dept.—Pay Rs. 1,000.
J. Sime, C.S., M.A., LL.D., Under-Secretary, Educational Dept., and Director of Public Instruction.—Pay Rs. 2,000.
T. Smith, Inspr.-Genl. of Police and Under-Secretary to Govt., Home (Polige) Dept.—Pay Rs. 2,250.
L. V. Laville, Asst. Secy., Finl. and Local Funds Depts.—Pay Rs. 800, (*on furlo.*).
C. W. Sandford, Acting do. do —Salary Rs. 850.
Franck Leigh, Asst. Secretary.—Pay Rs. 500 + P. A. 200.
Iftikhar-ud-din, Fakir Saiyad, Mir Munshi.—Pay Rs. 300.
S. Preston, A.M.I.C.E., Chief Engr. and Secretary to Govt., Lahore.—Pay Rs. 2,500.
T. R. J. Ward, A.M.I.C.E., Secretary to Government, Irrigation Branch, Lahore.—Pay Rs. 2,500.
Hon. W. O. Clark, B.A., (*Bar.-at-Law*), C.S., Judge of the Chief Court.—Rs. 3,750.
" A. H. S. Reid, M.A., (*Bar.-at Law*), Judge.—Pay Rs. 3,500.
" P. C. Chatterji, Rao Bahadur, M.A., B.L., Judge.—Pay Rs. 3,500.
" T. G. Walker, C.S., Judge.—Pay Rs. 3,500, (*on furlo.*).
" J. A. Anderson, C.S., (*Bar.-at-Law*), Tempy. Judge.—Pay Rs. 3,500, (*on furlo.*).
" F. A. Robertson, C.S., (*Bar.-at-Law*), Offg. Tempy. Judge.—Salary Rs. 3,500.
" R. L. Harris, Offg. Tempy. Judge.—Salary Rs. 3,500.
" H. Maude, Offg. Tempy. Judge.—Salary Rs. 3,500.
M. L. Waring, C.S., Registrar.—Pay Rs. 1,250.
A. R. Anderson, Deputy Registrar.—Pay Rs. 600.

A. Turner, Legal Remembrancer.—Pay Rs. 2,000.
S. M. Robinsion, (*Bar.-at-Law*), Govt. Advocate.—Pay Rs. 1,200.
C. B. Petman, B.A., (*Bar.-at-Law*), do. —Pay Rs. 400.
Kirthee Singh, Judge, Court of Small Causes, Delhi.—Pay Rs. 250.
Mian Nizam-ud-din, do. Lahore.—Pay Rs. 400.
Lala Khan Rai do. Amritsar.—Pay Rs. 400.
Hon. C. L. Tupper, C.S., Financial Commissioner, Rev. Dept.—Pay Rs. 3,500.
The Hon. Mr. J. Wilson, Settlement Commissioner.—Pay Rs. 2,750 + T.A. 250.
Major J. R. Dunlop Smith, M.A., Director of the Dept. of Land Records and Agriculture.—Pay Rs. 1,800, on dep.
R. Sykes, B.A., C.S., Offg. do. —Salary Rs. 800 + L. A. 300.
W. S. Hamilton, B.A., C.S., Senior Secy. to Financial Commissioner.—Pay Rs. 1,200.
A. H. Grant, B.A., C.S., Junior Secretary.—Pay Rs. 900.
H. R. Goulding, Assistant Secretary.—Pay Rs. 600.
Hon. C. Fanshawe, C.S., Commissioner and Supt. of Delhi Division.—Pay Rs. 2,750 + 250.
A. Anderson, C.I.E., (*Bar.-at-Law*), C.S., Commr., Jullundur.—Pay Rs. 2,750 + 250.
R. Clarke, B.A., C.S., Commissioner and Supt., Lahore.—Pay Rs. 2,750 + 250.
Lieut.-Col. J. A. L. Montgomery, Commissioner and Supt. of Rawalpindi.—Pay Rs. 2,750 + 250.
H. A. Anderson, C.S.I., C.S., Commissioner and Supt., Derajat.—Pay Rs. 2,750 + 250.
Hon. A. F. D. Cunningham, C.I.E., C.S., Commr. and Supt. of Peshawar.—Pay Rs. 2,750 + 250.
C. F. Elliot, Conservator of Forests, 3rd Grade, and Offg. 2nd Grade, Supt. of Forest Surveys and Director of the Forest School, Dehra Dun.—Salary Rs. 1,350.
C. Stewart-Wilson, B.A., (*Bar.-at-Law*), C.S., Post Master General.—Salary Rs. 2,200.
F. E. Dempster, C.I.E., Chief Supt., Telegraph Dept.—Pay Rs. 1,125.
R. A. Gamble, B.A., C.S., Accountant-General.—Pay Rs. 2,250, (*on furlo.*).
W. H. Dawson, C.S., Offg. do. —Salary Rs. 2,000.
A. H. Anthony, Deputy Accountant-General.—Salary Rs. 1,250.
R. Sykes, C.S., Offg. Commissioner of Excise and Supt. of Stamps and Inspr.-Genl. of Registration.—Salary Rs. 1,800 and C.A. 300.
Lieut.-Col. T. E. L. Bate, Inspector-General of Jails.—Pay Rs. 1,800.
J. Sime, C.S., M.A., LL.D., C.I.E., Director of Public Instruction.—Pay Rs. 2,000.
S. Robson, M.A., Principal, Government College, Lahore.—Pay Rs. 1,000 + P.A. 220.
W. L. Dallas, Meteorological Reporter.—Pay Rs. 250.
Col. B. Franklin, C.I.E., Inspector-General of Civil Hospitals, Punjab.—Pay Rs. 2,000.
Lieut.-Col. C. J. Bamber, Sanitary Commissioner.—Pay Rs. 2,000.
W. Coats, M.D., Principal, Medical College, Lahore.—Pay Rs. 1,050 + P. A. 200 and Coll. A. 50.
Vety.-Capt. H. T. Pease, Principal, Lahore Veterinary College.—Pay Rs. 650 + Staff S. 350 + L. A. 100.
Bishop G.A. Lefroy, D.D., Bishop of Lahore.—Pay Rs. 800.
The Ven'ble H. W. Griffith, M.A., Archdeacon and Commissary of Lahore.—Pay Rs. 800 + Special Allowance 200.

—o—

BURMA.

COUNCIL OF THE LIEUTENANT-GOVERNOR OF BURMA FOR MAKING LAWS AND REGULATIONS.

PRESIDENT.

The Hon. Sir F. W. R. Fryer, K.C.S.I., C.S., Lieut.-Governor of Burma—1st May 1897.—Pay Rs. 8,333-5-4 + Sumptuary Allowance 500.

COUNCILLORS.

The Hon. C. G. Bayne, C.S., 1st Aug. 1889.
" A. Pennycuick, C.I.E., "
" U. Gaung, C.S.I., "
The Hon. H. Kun Saing, C.I.E., 1st Aug. '89.
" D. H. Norton, C.S.I., 3rd Jany. 1900.

PERSONAL STAFF OF THE LIEUT.-GOVERNOR.

Lieut. F. A. B. Fryer, Private Secretary.—(On Field Service, South Africa.)
R. H. Greenstreet, C.I.E., Sub-*pro tem.* do.
Lieut. J. S. S. Dunlop, South Staffordshires, Offg. Aide-de-Camp.
Major H. Parkin, I.S.C., Hony. Aide-de-Camp.
Commander H. S. Black, R.I.M., do.
The Hon. D. M. Smeaton, M.A., C.S.I., C.S., Financial Commissioner and Chief Customs Authority.—Pay Rs. 3,500

W. J. Keith, M.A., C.S., Secretary to the Financial Commissioner.—Pay Rs. 500 + A. A. 333-5-4 + L.A. 200.
W. F. Noyes, Assistant Secretary to the Financial Commissioner.
The Hon. E. S. Symes, C.I.E., C.S., Chief Secretary to Government and Officer in charge of State Prisoners.—Pay Rs. 3,000.
H. M. S. Mathews, Revenue Secretary to Chief Commissioner, Upper Burma.
J. B. Wingate, C.S., Secretary to Govt.—Pay Rs. 1,666-10-8 + A. A. 166-10-8 + L. A. 166-10-8, (*on furlo.*).
R. E. V. Arbuthnot, C.S., Offg. do.
G. F. Arnold, B.A., C.S., Under-Secretary.
B. P. Leutaigne, (*Bar.-at-Law*), Assistant Secretary.—Salary Rs. 700 + L.A. 150.
W. H. L. Cobell, B.A., C.S., do.
A. Galtskell, C.S., Director of Land Records and Agriculture.—Pay Rs. 1,800.
J. Benton, F.C.H., M.I.C.E., R.E., Offg. Secretary to the Public Works Department and Chief Engineer.—Pay Rs. 2,000.
Lieut.-Col. G. J. Eyre, Commissioner, Sagaing Division.—Pay Rs 2,500.
The Hon. G. E. Bridges, (*Bar.-at-Law*), Commissioner, Northern Division.—Pay Rs. 2,500, (on dep.).
A. G. Fleming, C.S., Offg. Commissioner, Tennasserim Division, Moulmein.—Pay Rs. 2,500.
H. Adamson, M.A., C.S., Commissioner, Mandalay Division.—Pay Rs. 2,500.
F. C. Gates, (*Barrister-at-Law*), C.S., Commissioner, Meiktila Division.—Pay Rs. 2,500.
W. S. Hartnoll, (*Bar.-at-Law*), C.S., Offg. Commissioner, Arakan Division.—Pay Rs. 2,500.
G. W. Shaw, C.S., Offg. Commissioner, Minbu Division.—Pay Rs. 2,500.
W. T. Hall, B.A., LL.B., Commissioner, Irrawaddy Division.—Pay Rs. 2,500.
Hon. D. Norton, C.I.E., C.S., Commissioner, Pegu Division.—Pay Rs. 2,500, (on dep.).
T. C. Wilson, C.S., Settlement Commissioner.—Pay Rs. 2,250 + S. D. 250.
C. W. Sainthill, Conservator of Forests, 1st Grade, Western Circle, Mandalay, (Upper Burma).—Salary Rs. 1,600.
Lieut.-Col. R. T. Bingham, Conservator of Forests, 2nd Grade, Eastern Circle, Upper Burma.—Pay Rs.
W. T. Hall, B.A., LL.B., C.S., President, Rangoon Municipal Commission.—Salary Rs. 2,000 + allce. as Vice-Chairman, Rangoon Port Commission, Rs. 300.
H. L. Tilly, Chief Collector of Customs, Rangoon.—Pay Rs. 700 and L.A. 100.
F. Whymper, Dy. Post-Master-General, Rangoon.—Pay Rs. 2,750.
R. E. Hamilton, Accountant-General.—Deputy Accountant-General.—Salary Rs. 1,250.
Maung Hla Aung, F.C.S., A.A., F.S.S., Rangoon.—Pay Rs. 850 + L.A. 100.
N. U. K. Leslie, Supt., Telegraph Dep

...RT, LOWER BURMA.

CHIEF C... L.
...Pay Rs. 3,750.
F. S. Copleston, C.S., Chief J... Pay Rs. 3,500.
C. S. Fox, (*Bar.-at-Law*), Judge.—Pay Rs.
W. Bigge, M.A., (*Bar.-at-Law*), Judge
A. R. Birks, B.A., C.S., (Re...icial Comm... ...Rs. 3,500.
H. T. White, C.I.E., C.S., Jud... ..., Upper Burma (Mandalay).—Pay Rs. 3,500.
F. Bipley, Registrar, Chief Court, Lower Burma.—Pay Rs. 700.
R. B. Smart, Judicial Commissioner, Upper Burma.—Pay Rs. 500.
J. Lewis, (*Bar.-at-Law*), Government Advocate.—Pay Rs. 1,500 to 1,800.
P. C. Sen, (*Bar.-at-Law*), Official Assignee and Receiver, Rangoon.
A. J. Vaillant, Govt. Prosecutor, Rangoon.—Pay Rs. 400.
J. C. Moyle, (*Bar.-at-Law*), do. Moulmein.—Pay Rs. 250.
A. M. Lütter, do. Mandalay.—Pay Rs. 250.

SMALL CAUSE COURT.

A. H. Bagley, B.A., LL.B., (*Barrister-at-Law*), Judge, Rangoon.—Pay Rs. 1,000—1,250.
W. F. Rice, Judge, Mandalay.—Rs. 600.
D. Wilson, M.A., (*Bar.-at-Law*), Judge, Moulmein.—Pay Rs. 1800.
Maung Shwe Bwin, K.S.M., Addl. Judge, Rangoon.—Pay Rs. 500.
M. T. Aung, do. Moulmein, (on other appointments).—Pay Rs. 500.
Lieut.-Col. G. T. Thomas, D.P.H., Inspector-Genl. of Jails, Sanitary Commissioner and Chief of the Civil Medical Administration, Burma.—Pay Rs. 4,800.
Lieut.-Col. S. C. F. Peile, S.C., Inspector-General of Police, Rangoon.—Pay Rs. 2,250.
R. G. P. P. McDonnell, Commissioner of Rangoon Town Police.—Pay Rs. 1,200 to 1,500.
Commander H. S. Black, R.I.M., Port Officer, Rangoon.—Pay Rs. 1,370.
J. Van Pope, M.A., Director of Public Instruction.—Pay Rs. 1,250 to 1,500.
H. H. Rose, M.A., Principal, Rangoon College.—Pay Rs. 750 to 1,000.
The Right Rev. John Miller Strachan, D.D., M.D., Lord Bishop of Rangoon.
Rev. J. P. Dyer, M.A., Archdeacon of Rangoon.
A. H. Bagley, B.A., LL.B., (*Bar.-at-Law*), Registrar of the Diocese and Archdeaconry of Rangoon.—Allowance Rs. 50.

J. H. Hildebrand, C.I.E., Superintendent and Political Officer, Southern Shan States.—Pay Rs. 2,000 + P. A. 250.
H. G. A. Leveson, do. do. Northern Shan States.—Pay Rs. 1,250—50—1,500.
J. Sein Ko, M.R.A.S., F.A.I., F.G.S., Government Archæologist.—Pay Rs. 500.
M. T. Nyein, Government Translator.—Pay Rs. 350 to 500.
J. F. Regan, Superintendent of Government Printing.—Pay Rs. 600 to 850 + H.A. 70.
Vety.-Captain G. H. Evans, Supt., Civil Veterinary Department.—Pay Rs. 1,100.

CENTRAL PROVINCES.

Hon. D. C. J. Ibbetson, C.S.I., C.S., Chief Commissioner.—Pay Rs. 4,166 + 500, (on dep.).
The Hon. A. H. L. Fraser, M.S., (*Bar.-at-Law*), C.I.S., Offg. Chief Commissioner.
R. H. Craddock, C.S., Chief Secretary, Civil Department.—Pay Rs. 2,500.
G. H. Sherlock-Hubback, Asst Secretary, do. —Pay Rs. 500—40—700.
H. M. Laurie, C.S., 2nd Secretary, Revenue Department.—Pay Rs. 1,666-10-8.
R. W. G. Marshall, C.S., Under-Secretary.—Pay Rs. 800.
G. J. Perram, Superintending Engineer and Secretary to Chief Commissioner, P. W. Department.—Pay Rs. 1,600.

R. Mitra, *Tempy.*—Pay Rs. 350 + L. A. 100.
S. Ismay, (*Bar.-at-Law*), C.S., Judicial Commissioner.—Pay Rs. 3,166-10-8.
W. E. Ley, C.S., Registrar to the Judicial Commissioner.—Pay Rs. 500.
J. B. Fuller, C.S., C.I.E., Commissioner, Jubbulpore Division.—Pay Rs. 2,500 + 250.
A. D. Younghusband, Commissioner, Raipur.—Pay Rs. 2,500 + 250.
W. A. Nedam, Commissioner, Nagpur Division.—Pay Rs. 2,500 + 250.
A. T. Phillips, Commissioner of Settlement, Nerbudda Division.—Pay Rs. 2,500 + 250.
S. Carey, C.S., Commissioner of Excise and Agriculture.—Pay Rs. 2,250.
[illegible] Hallifax, C.S., Commissioner of Excists, Superintendent of Stamps, and Inspector-General of Registration and Chief Customs Authority in addition to his duties.—Pay Rs. 1,088-14-2.
Bhargo Rao, Rao Bahadur, Senior Judge, Small Cause Court, Nagpur.—Pay Rs. 800.
Waman Rao, Rao Bahadur, Junior Judge, Small Cause Court, Jubbulpore.—Pay Rs. 700, (on dep.).
Mahdi Hasan, (*Bar.-at-law*), Offg. do. —Salary Rs. 700.
Pandurang Daji, Registrar, Small Cause Court, Na[illegible]
[illegible] Dillon, (*Bar.-at-Law*), Government Advocate.—Pay Rs. 250.
[illegible] General of Police and Prisons, [illegible]ur.—Pay Rs. 250.
[illegible]dom, Inspector-General of Police, (*Bar.-at-Law*), Inspector-Gen[illegible] Pay Rs. 1,800.
A. R[illegible] C.I.E., (*Bar.-at-Law*), Offg. [illegible] of Education.—Pay Rs. 1,250 to 1,500, (*on furlo.*).
Col. H. Bow[illegible] (*Bar.-at-Law*), Offg. do. —Salary Rs. 1 083-5-11.
A. C. Sells, M.A., Offg. Princ[illegible] [illegible]nment College, Ju[illegible] Amraoti.—Pay [illegible]nore.—Pay Rs. 500 to 750.
C. Bagshawe, Conservator of [illegible] Circle [illegible] 1,600.
A. Smythies, B.A., do. [illegible]pore. / Northern[illegible]r. } Pay Rs. 1,100.
C. J. Lalkaka, Deputy Post-Master-General, Central [illegible]vinces and Berar.—Pay Rs. 1,100.
J. M. Coode, Superintendent, Telegraph Department, Nagpur Division.—Pay Rs. 850.
W. D. F. Cowley, Comptroller, Central Provinces.—Pay Rs. 1,200.
Rev. C. H. Barlow, M.A., (Oxon.), Senior Chaplain, Nagpur.—Pay Rs. 800.
A. S. Reid, M.B, I.M.S., Administrative Medical Officer, Nagpur.—Pay Rs. 1,800.
P. Hemingway, C.S., Political Agent for the Chattisgarh Feudatories, Raipur.

ASSAM.

Hon. Mr. H. J. S. Cotton, C.S.I., C.S., Chief Commissioner.—Pay Rs. 4,166-10-8, and Sumptuary Allowance Rs. 500.
F. J. Monahan, C.S., Secretary to the Chief Commissioner.—Pay Rs. 2,000.
J. H. Corkery, B.A., LL.D., C.S., Assistant Secretary to Chief Commissioner.—Pay Rs. 700.
D. H. Lees, Offg. Director of Land Records and Agriculture—Salary Rs. 1,800.
P. G. Melitus, C.I.E., C.S., Judge and Commissioner of the Assam Valley Districts.—Pay Rs. 2,500 + 250.
D. Cameron, M.A., C.S., District and Sessions Judge, Sylhet and Cachar.—Pay Rs. 2,000.
A. W. Davis, C.S., Inspector-General of Police and Jails, and Superintendent of Stamps and Registration, and Commissioner of Excise.—Salary Rs. 2,250.
W. Booth, M.A., B.C.D., Director of Public Instruction.—Pay Rs. 1,250.
Col. C. W. Carr-Calthrop, M.D., C.B.D., Principal Medical Officer and Sanitary Commissioner.—Pay Rs. 1,800.
Rev. C. R. T. Winckley, Chaplain.—Pay Rs. 800.

INDIAN MILITARY STAFF.

PROVISIONAL COMMANDER-IN-CHIEF IN INDIA.

General *Sir* Arthur Power Palmer, K.C.B., S.C.

PERSONAL STAFF.

Major J. M. Burt, R.A.....Military Secretary.
Capt. G. de S. Barrow, 4th B.L.....Interpreter (with China Expedy. Force).
„ A. W. Chaldecotte, 1st P.C.....Offg. do.
„ L. N. Beatty, 1st Bo. I.....
Lt. J. H. Watson, 13th B.L.....} Aides-de-Camp.
„ L. A. Jones-Mortimer, Som. L.I.....
Khan Bahadur Khan, Risaldar-Major, *Sardar Bahadur*, 10th B.L.....Native Aide-de-Camp.
Major A. G. Kay, K.B., A.M.C.....Surgeon.
Lt.-Col. J. Lackersteen, V.D., Cal. Vol. Rifles.....Hony. Aide-de-Camp.
Hony. Capt. Husain Ali Khan, *Sardar Bahadur*, late Risaldar-Major, 13th B.L.
Hony. Capt. Ganda Singh, *Sardar Bahadur*, late Risaldar-Major, 19th B.L.
Yasin Khan, Subadar-Major, *Sardar Bahadur*, 24th P.I.
Abdul Ghafur Khan, Risaldar Major, 1st B.L.
Judbir Thapa, late Subadar-Major, *Bahadur*, 1—2 Gurkhas.
Kadam Khan, Risaldar, *Sardar Bahadur*, 4th B.C.
} Hony. Native Aides-de-Camp.

HEAD-QUARTERS STAFF OF THE ARMY.

Major-Genl. Sir W. G. Nicholson, K.C.B.....Adjutant-General in India.—*Leave out of India, P.A., 8 months.*
Major-Genl. Sir E. R. Elles, K.C.B.....Offg. Adjutant-General in India.
Col. A. R. Martin, 1st Bo., 5th Gurkhas.....Depy. Adjt.-General in India.—*Leave out of India, P.A., 6 months, 26th September* 1900.
Lt.-Col. G. F. H. Dillon, 26th P.I.....Offg. Dpy. Adjt.-General in India.
Col. J. H. S. Craigie.....Asst. Adjt.-General in India.—Offg. in Command, Sind District.
Col. R. M. Greenfield.....Offg. do. do.
Lt.-Col. C. L. Woollcombe.....Offg. Asst. Adjt.-General for Musketry.
Bt.-Lieut.-Col. H. B. B. Watkis, 31st P.I.....Dy. Asst. Adjt.-General.—*Leave out of India, P.A., to 1st April* 1901.
Major J. A. Tanner, D.S.O., R.E.....
Capt. F. A. Hoghton, 1st Bo. I.....} Offg. do. do.
Major H. Finnis, R.E.....Dy. Asst. Adjt.-Genl. for Royal Engineers.
Major-Genl. E. L. Elliot, C.B., D.S.O., S.C.....Inspr.-Genl. of Cavalry in India.
Capt. E. Cotgrave, C.B., C.I.H.....Brigade-Major to Inspr.-General of Cavalry in India.
Major-Genl. T. B. Tyler, R.A.....Inspr.-Genl. of Artillery in India.
Lt.-Col. M. Saunders, R.A.....Offg. Asst.-Adjt. Genl. for Royal Artillery in India.
Capt. K. K. Knapp, R.A.....Brigade-Major to Inspr.-General of Artillery in India.
Major-Genl Sir A. Gaselee, K.C.B., A.D.C.....Quarter-Master-General in India.—With China Expedy. Force.
Brigr.-Genl. G. Henry.....(Tempy.) Quarter-Master-General in India.
Col. W. Peacocke, C.M.G., British Service.....Dy. Quarter-Master-General in India.
Major H. Mullaly, R.E.....Dy. Asst. Qr.-Mr.-Genl. (Mobilisation).
Lt.-Col. J. W. Murray, R.A.....Asst. Quarter-Master-Genl., (Intelligence Branch).—*On Field Service, South Africa.*
Bt.-Major E. W. S. K. Maconochy, D.S.O., 3rd Sikhs.....Offg. do. do.
Capt I. Phillips, 1—5 Gurkhas.....Depy. Asst. Qr.-Mr.-Genl.—With China Expedy. Force.
Major M. Cowper, 10th B.L.....Offg. do. do.

209654

Capt. C. H. Clay, 43rd Gurkhas	Dy. Asst. Quarter-Master-Generals (Intelligence Branch).
" G. S. F. Napier (Oxford L.I.)	
" B. Holloway 2nd M.L.	
" G. A. Robertson, 15th B.L., Offg. D. A. Q. M. G.	
" A. S. Hamilton, 4th Sikhs	
" E. W. M. Norie, Midx. Regt.	
" C. L. Nicholson, Yorks. Regt.	Staff Captain for Mobilisation.
" J. K. Tod, 7th B. C.	Staff Captain (Intelligence Branch).
" G. A. Robertson, 15th B. L.	
" W. L. Conran	
" H. H. H. Dowding, Essex Regt.	
" A. W. Warden, 3rd Lancers, H. C.	
" S. Clay, 43rd Gurkhas	
" C. E. E. F. Macquoid, D.S.O., 1st Lancers, H. C.	
Major-Genl. S. C. Turner, R.E.	Director-General of Military Works in India.
Lt.-Col. H. Finnis, R.E.	Dy. do.
Major E. C. Stanton, R.E.	Asst. Director Genl. Military Works.
" A. M. Stuart, R.E.	Inspector of Sub-Marine Defences.
Major-Genl. L. W. Christopher, C.B.	Commissary-General-in-chief.
Major J. G. Smith	Asst. to do.
Bt.-Lt.-Col. H. Mansfield	Commissary-Genl. for Transport.
Bt.-Col. E. Balfe	Judge-Advocate-General in India.
Major W. D. Thomson, 1st B.L.	Asst. J. A. G. in India.
Vety.-Col. H. Thompson, A.V.D.	Principal Vety. Officer in India, (I. V. O., Bengal Command).
Col. H. D. Hutchinson	Director of Military Education in India.—*Leave out of India, P. A., 9 months, 30th April* 1900.
Bt.-Col. G. D. Stawell	Offg. do.
Surg.-General W. Taylor, M.D., A.M.S.	Principal Medical Officer, H. M.'s Forces in India.
Major J. Shearer, M.B., D.SO., I.M.S.	Secy. to do.
Surg.-Genl. R. Harvey, M.D., C.B., D.S.O., I.M.S.	Director-Genl., Indian Medical Service.
Major J. T. W. Leslie, M.B., I.M.S.	Secy. to do. do. — *Furlo. out of India, 2 years, 9th January* 1899.
Major A. [illegible]rts, M.B., I.M.S.	Offg. do. do.
Major-Genl. [illegible]ace, R.A.	Director-General of Ordnance in India.
Major R. H. Mahon, R.A.	Dy. do. do.
Major R. C. O. Stuart, R.A.	Asst. Director-General of Ordnance in India.
Lt.-Col. H. Goad, A.D.C.	Director of Army Remount Department.

—o—

STAFF AND DEPARTMENTS OF THE MADRAS COMMAND.

LIEUT.-GENERAL COMMANDING THE FORCES.

Lieut.-Genl. *Sir* G. B. Wolseley, K.C.B.

PERSONAL STAFF.

Asst. Mily. Secy. and Aide-de-Camp to H. E. the Lieut.-General Commanding	Major C. M. T. Western, R.A.
Aide-de-Camp to Lieut.-General Comdg. Madras	Lieut. E. de H. Smith, No. 9, N. Mn. Batty.
Native Aide-de-Camp to H. E. the Lieut.-General Commanding	Subadar-Major Rahman Khan, 1st M. L.

STAFF.

Deputy Adjutant-General	Brig.-General G. Henry, (Tempy. Q.-M.-G. in India).
Offg. do. do.	Brig.-General J. P. C. Neville.
Asst. Adjutant-General	Col. F. J. Kempster, D.S.O.
Asst. Quarter-Master-General (Tempy.)	Lt.-Col. A. B. Fenton.
Dy. Asst. Adjutant-General	Capt. G. R. de H. Smith.
Brig.-General, Royal Artillery	Brigr.-Genl. A. B. Stopford, R.A.

Depy. Asst. Adjutant-General, R. A.	Capt. T. L. Coxhead, D.S.O., R. A.—(With China Expedy. Force.)
Inspr.-Genl. of Ordnance, Southern Circle	Lt.-Col. G. W. Standbridge, R.A.
Deputy Asst. Adjutant-General, R. A., (Tempy.)	Capt. F. Vans Agnew, R. G. A.
Dy. Judge Advocate-General, M. C., Bangalore, Madras and Southern Districts	Major R. F. H. Anderson.
Dy. Asst. Adjutant-General for Musketry	Major T. N. Bagnall, E. York. Regt.
Principal Medical Officer, Madras Command	Surg.-Genl. G. W. R. Hay, M.D., I.M.S.
Personal Asst. to the P. M. O.	Capt. T. W. Gibbard, M.B., R.A.M.C.
Insptg. Veterinary Officer, Madras Commd.	Vety.-Lieut.-Col. J. Reily, A.V.D.

DEPARTMENTAL STAFF.

Commissary General, Madras Command	Major (Tempy. Lieut.-Col.) A. H. Clark Kennedy.
Personal Asst. to do. do.	Major N. S. Swanston.
Chief Engr., Madras Commd., Mily. Works	Col. J. F. Garwood, R.E.
Personal Asst. to Chief Engr., Mily. Works Service	Captain A. D. Riach, R. E.
Superintendent, Army Clothing, Madras and Bombay	Colonel H. H. Harvey-Kelly, I. S. C.
Superintendent, Gun Carriage Factory	Major C. T. Bell, R.A.
Supt. of Family Payments and Pensions	Major A. H. Dobbs, 16th M.I.
Supt., Reserve Remount Depôt, Hosur	Capt. G. C. McD. Birdwood, S.C.
D. A. A. G. for Instruction (Bangalore)	Capt. W. Ewbank, R.E.

MILITARY ACCOUNTS DEPARTMENT

Controller, Mily. Accts., Madras Commd	Lieut.-Col. W. J. B. Bird.
Examiner, Commt. Accts., Madras	Major G. W. S. Fryer, S.C.
Pay Examiner, Madras	Lieut.-Col. F. F. R. Burgess.
Examiner, Commt. Accts., and Pay Master, Rangoon	Capt. W. Donnan, 19th M.I.
Examiner, Ordnance and Clothing Accts., Madras	

JUDGE-ADVOCATE-GENERAL'S DEPARTMENT.

Asst. Judge-Adv.-Genl., 7th Circle, Rangoon.	Capt. J. F. Stewart, 14th B.L.
Asst. do. 6th Circle, Secunderabad and Belgaum Dists., and Hyderabad Contingent	Major H. L. B. Acton, 1st M.L.

MADRAS DISTRICT, &c., STAFF.

General Officer Commdg. District	Brig.-Gl. R. A. Gilchrist.
A. A. G., Fort St. George	Major J. H. E. Reid.
D. A. A. G	Capt. R. H. D. Thring, 1st M.L.
Garrison Quarter-Master	Capt. S. B. Graham, 14th M.I.
Principal Medical Officer, Madras District	Col. W. H. Johnson, M.D., I.M.S.
Commanding R. E.	Lt.-Col. H. S. Andrews-Speed, R.E.

COMMANDERS-IN-CHIEF.

MADRAS ARMY.

Period of Command. From	To	Rank and Name.	Service.	Remarks.
1785	1785	Sir Robert Sloper		
85	86	Sir J. Dalling		
86	90	Sir Archibald Campbell		
90	96	Sir W. Medows		
96	97	Sir Almed Clarke		
97	1801	Lt.-Genl. G. Harris		

Commanders-in-Chief—contd.

Period of Command. From	To	Rank and Name.	Service.	Remarks.
1801	27 Jul. 1801	Major-Genl. John Brathwaite	I	
28 Jul. 01	21 Oct. 04	Lt.-Genl. J. Stuart	B	Commanding the Forces.
22 Oct. 04	12 Feb. 05	Maj.-Genl. Dugald Campbell.	B	(Temporary).
13 Feb. 05	16 Sep. 07	Lt.-Genl. Sir J. F. Cradock, K.B.	B	Commanding the Forces.
17 Sep. 07	28 Jan. 09	Lt.-Genl. Hay Macdowell ...	B	
31 Jan. 09	9 Apr. 10	Maj.-Genl. Francis Gowdie...	I	(Temporary).
10 Apl. 10	26 Sep. 10	H. E. Lt.-Genl. George Hewitt	B	Commanding the Forces.
27 Sep. 10	5 Mar. 13	H. E. Lt.-Genl. Sir Samuel Auchmutty, K.B.	B	Commanding the Forces.
6 Mar. 13	24 May 14	H. E. Lt.-Genl. The Hon'ble John Abercromby.	B	Governor and C.-in-C.
25 May 14	31 May 21	H. E. Lt.-Genl. Sir Thomas Hislop, *Bart.*	B	
1 Jun. 21	14 Jun. 21	Lt.-Genl. Thomas Bowser ...	I	(Temporary).
15 Jun. 21	2 Jan. 25	H. E. Genl. Sir Alex. Campbell, *Bt.*, K.C.B.	B	
3 Jan. 25	18 Jan. 26	Lt.-Genl. T. Bowser	I	
19 Jan. 26	2 Mar. 26	Maj.-Genl. Sir John Doveton, K.C.B.	I	(Temporary).
3 Mar. 26	10 May 31	H. E. Lieut.-Genl. Sir Geo. Townshend Walker, G.C.B., K.C.T.S.	B	
11 May 31	10 Oct. 36	H. E. Lt.-Genl. The Hon. Sir Robert Wm. O'Callaghan, K.C.B.	B	
11 Oct. 36	[illegible]	38 H. E. Lt.-Gl. Sir P. Maitland, K.C.B.	B	
21 Dec. 38	4 Oct. 39	H. E. Lt.-Genl. Sir Jasper Nicolls, K.C.B.	B	
5 Oct. 39	2 Aug. 40	Major-Genl. Sir Hugh Gough, K.C.B.	B	
3 Aug. 40	19 Jan. 41	H. E. Lt.-Genl. Sir Samuel F. Whittingham, K.C.B., K.C.S..	B	
20 Jan. 41	11 Feb. 41	Major Genl. James Allan, C.B.	B	(Temporary).
12 Feb. 41	23 Sep. 42	Major-Genl. Sir Robert Henry Dick, K.C.B., K.C.H.	B	(Temporary).
24 Sep. 42	23 Feb. 48	H. E. Lt.-Genl. The Most Hon'ble Geo Marquis of Tweeddale, K.T., C.B	B	Governor and C.-in-C.
24 Feb. 48	12 Mar. 48	Maj.-Genl. Sir E. K. Williams, K.C.B, K.C.T. & S.	B	(Temporary).
13 Mar. 48	28 Sep. 51	H. E. Lt.-Genl. Sir Geo. Henry Fred. Berkeley, K.C.B.	B	
29 Sep. 51	26 Oct. 53	H. E. Lt.-Genl. Sir Richard Armstrong, C.B., K.T. & S.	B	
27 Oct. 153	4 Apr. 154	H. E. Lt.-Genl. Wm. Stavely, C.B.	B	
5 Apl. 54	22 Sep. 54	Major-General Wm. Henry Sewell, C.B.	I	Prov. C.-in-C.
23 Sep. 54	9 Jun. 56	H. E. Lt.-Genl. The Hon'ble Geo. Anson.	B	
10 Jun. 56	26 Feb. 61	H. E. Lieut.-General Patrick Grant, C.B.	B	
27 Feb. 61	25 Dec. 61	Major-Genl. Richard Budd...	I	Prov. C.-in-C

Commanders-in-Chief—concld.

Period of Command. From	To	Rank and Name.	Service.	Remarks.
26 Dec. 1861	24 May 1865	H. E. Lt.-Genl. Sir James Hope Grant, G.C.B.	B	
25 May 65	7 Nov. 67	H. E. Lt.-Genl. Sir John Gaspard LeMarchant, G.C.M.G.	B	
8 Nov. 67	4 Mar. 71	H. E. Lieut.-General. W. A. McCleverty.	B	
5 Mar. 71	21 May 71	Major-Gl. Richard Shubrick.	I	Prov. C.-in-C.
22 May 71	24 Dec. 75	H. E. Lt.-Genl. Sir Frederick Paul Haines, K.C.B.	B	
25 Dec. 75	1 Feb. 76	Major-Genl. Charles Elmhirst, C.B.	B	Prov. C.-in-C.
2 Feb. 76	2 Feb. 81	H. E. Lt.-Genl. Sir Neville Bowles Chamberlain, G.C.B., G.C.S.I.	I	
3 Feb. 81	27 Nov. 81	Major-Genl. W. Payn, C.B. ..	B	Prov. C.-in-C.
28 Nov. 81	17 Aug. 85	H. E. Lt.-Genl. Sir Frederick Sleigh Roberts, *Bart.*, V.C., G.C.B., G.C.I.E.	I	
18 Aug. 85	28 Feb. 86	Major-Genl. Hugh Rowlands, V.C., C.B.	B	Prov. C.-in-C.
1 Mar. 86	20 Oct. 86	H. E. Lt.-Genl. Sir Herbert Taylor Macpherson, V.C., K.C.B., K.C.S.I.	I	
21 Oct. 86	8 Dec. 86	Maj.-Genl. Hugh Rowlands, V.C., C.B.	B	Prov. C-in-C.
9 Dec. 86	5 Mar. 91	H. E. General Sir Charles George Arbuthnot, K.C.B.	B	
6 Mar. 91	3 May 93	H. E. Lt.-Genl. *The Hon'ble Sir* James Charlemagne Dormer, K.C.B.	B	
4 May 93	19 Jun. 93	Major-Genl. R. C. Stewart, C.B.	I	Prov. C.-in-C.
20 Jun. 93	27 Oct. 93	Major-Genl. C. J. East, C.B....	B	Prov. C.-in-C.
28 Oct. 93	31 Mar. 95	H. E. Lieut.-General C. M. Clarke, C.B.	B	

LIEUT.-GENERAL COMMANDING THE FORCES, MADRAS.

1 Apr. 1895	.....	Lieut.-General *Sir* C. M. Clarke, K.C.B.	B	
		Lieut.-General *Sir* G. B. Wolseley, K.C.B.		

ADJUTANTS-GENERAL.

MADRAS ARMY.

16 Apr. 1786	28 Feb. 1792	Major Henry Malcolm ...	I	
1 Mar. 92	3 Sep. 99	Lt.-Col. Barry Close ...	I	
4 Sep. 99	17 Dec. 1807	Lt.-Col. Patrick Alexander Agnew ...	I	
18 Dec. 1807	31 Jan. 09	Lt.-Col. Francis Capper ...	I	
1 Feb. 09	16 Feb. 09	Major Robert Barclay ...	I	*Acting.*

Adjutants General—concld.

Period of Command. From	To	Rank and Name.	Service.	Remarks.
17 Feb. 1809	30 Apr. 1809	Lt.-Col. John Cuppage	I	
1 May 09	20 Apr. 37	Lt.-Col. T. H. Somerset Conway, C.B.	I	
21 Apr. 37	7 Dec. 37	Major James Russell Haig	I	*Acting.*
8 Dec. 37	23 Sep. 39	Lt.-Col. Benjamin Robertson Hitchins	I	
24 Sep. 39	14 Aug. 49	Lt.-Col. Robert Alexander	I	
15 Aug. 49	27 Oct. 53	Lt.-Col. Robert John Hussey Vivian	I	
28 Oct. 53	9 Apr. 63	Lt.-Col. William George Woods	I	
10 Apr. 63	16 Apr. 68	Colonel James Maurice Primrose	B	
17 Apr. 68	22 Nov. 69	Colonel James Elphinstone Robertson	B	
23 Nov. 69	26 Aug. 72	Colonel Peter Burton Roe	B	
27 Aug. 72	27 Aug. 77	Br.-Genl. Robert Crosse Stewart	B	
28 Aug. 77	20 Feb. 80	Br.-Genl. Fred. William Jebb	B	
21 Feb. 80	28 Aug. 80	Colonel Andrew Robert Clephane	I	*Officiating.*
29 Aug. 80	28 Aug. 85	Br.-Genl. Godfrey Clerk	B	
29 Aug. 85	17 Feb. 87	Br.-Genl. Wm. Kidston Elles, C.B.	B	
18 Feb. 87	6 Jun. 90	Br.-Genl. Malcolm Charles Farrington, C.B.	B	
7 Jun. 90	28 Mar. 94	Br.-Genl. Hugh Pearce Pearson, C.B.	B	
29 Mar. 94	31 Mar. 95	Colonel Elphinstone Waters Begbie, *D.S.O.*	I	*Officiating.*

DEPUTY ADJUTANTS-GENERAL.

MADRAS COMMAND.

1 Apr. 1855	20 Oct. 1895	Br.-Genl. Elphinstone Waters Begbie, C.B., *D.S.O.*	
21 Oct. 95	.....	Br.-Genl. G. Simpson, C.B.	I

QUARTER-MASTERS-GENERAL.

MADRAS ARMY.

.....	.....	Capt. James Campbell	I
4 Nov. 1790	31 Aug. 1802	Lt.-Col. John Richardson	I
1 Sep. 1802	4 Aug. 06	Lt.-Col Alexander Orr	I
5 Aug. 06	2 Apr. 10	Lt.-Col. John Munro	I
3 Apr. 10	31 Jan. 21	Lt.-Col. Valentine Blacker, C.B.	I
1 Feb. 21	25 Sep. 28	Lt.-Col. R. B. Otto	I
26 Sep. 28	31 Aug. 39	Lt.-Col. James Hanson	I
1 Sep. 39	22 Feb. 48	Colonel Wm. Strahan	I
23 Feb. 48	12 Oct. 49	Lt.-Col. Daniel Heffernan Considine	I
13 Oct. 49	27 Sep. 61	Lt.-Col. Francis Archibald Reid, C.B.	I
28 Sep. 61	27 Sep. 66	Major Francis Henry Scott	I
28 Sep. 66	28 Sep. 71	Colonel Crawford Cooke	I
29 Sep. 71	5 Nov. 76	Br.-Genl. Arthur Howlett	I
6 Nov. 76	31 Dec. 81	Br.-Genl. Hugh Heefke O'Connell	I
1 Jan. 82	15 Feb. 83	Lt.-Col. John Ewing	I	*Officiating.*
16 Feb. 83	12 Feb. 86	Br.-Genl. Richard Campbell Stewart, C.B.	I
13 Feb. 86	25 Mar. 88	Br.-Genl. Edmund Faunce, C.B.	I
26 Mar. 88	11 Oct. 90	Br.-Genl. Montague Protheroe, C.B., C.S.I.	I
12 Oct. 90	31 Mar. 95	Br.-Genl. Edmund Henry Eyre, C.B.	I

STAFF AND DEPARTMENTS OF THE BOMBAY COMMAND.

LIEUTENANT-GENELRAL COMMANDING THE FORCES.

Lieut.-Genl. *Sir* Robert Cunliffe Low, G.C.B., Bengal Cavalry.

PERSONAL STAFF.

Asst. Mily. Secretary and Adie-de-Camp.....Major H. E. Stanton, D.S.O., R.A.
Aide-de-Camp.....Major L. Graham, R.A., (Tempy.).
Native Aide-de-Camp.....Resaldar-Major Lal Khan, *Sardar Bahadur*, 3rd Bo. Cavy.

STAFF AND DEPARTMENTS.

Deputy Adjutant-General.....Brig.-Genl. J. A. Barlow, Brit. Service.
Asst. Qr.-Mr.-General.....Col. W. E. Hilliard, Brit. Service.
Asst. Adjt.-General.....Lt.-Col. A. W. Proudfoot, S.C., Offg. (Col. on Staff, Nusseerabad).
Offg. do.....Bt.-Col. F. Stevenson, 20th Bo. Infy.
Depy. do.....Capt. S. C. F. Jackson, D.S.O., Hamp. Regt.
Depy. do. for Musketry.....Major C. Grant, Arg. Suthd. Highrs., (on leave).
Offg. do. do.....Major, R. D. Burlton, 2nd M. L.
Colonel on Staff, R.A.....Brigr.-Genl. E. Blaksley, R.A.
Dy. Asst. Adjt. General for Royal Artillery.....Capt. W. E. Wingfield, R.A.
Principal Medical Officer.....Surg.-General W. S. M. Price, A.M.S.
Personal Asst. to do.....Capt. F. E. Swinton, I.M.S.
Dy. Judge-Advocate-General.....Lt.-Col. W. Lambert.
Inspecting Veterinary Officer.....Vety.-(Captain) J. A. Braddell, A.V.D., (Offg.).
Dy. Asst. Adjt.-General for British Army Schools, (Madras and Bombay Commands).....Major H. W. Scott, Lan. Fusrs.
Inspector of Army Signalling, (Madras and Bombay Commands).....Capt. A. E. Hatch, 29th Bo. I.
Inspector of Gymnasia, (Madras and Bombay Commands).....Lt.-Col. E. C. Hill, Wilts. Regt.—*Leave out of India, P. A., 6 months, 2nd June 1900.*
Offg. do.....Major S. Menzies, R. Fusrs.
Superintendent, Army Clothing (Madras and Bombay Commands).....Col. H. H. Harvey-Kelly.
Inspector-General of Ordnance, Southern Circle.....Lt.-Col. E. B. Strandbridge, R.A.
Commissary General.....Lt.-Col. G. Wingate.—(On special duty.)
Offg. do.....Bt.-Col. H. C. E. Lucas.
Chief Engineer, Military Works.....Col. R. O. Lloyd, R.E.
Controller, Mily. Accts., Bombay Command.....Lt.-Col. J. F. D. Fordyce.
Pay Examiner, Poona.....Major C. E. Mardall.
Examiner, Commt. Accounts, Poona.....Lieut. J. H. Hudson, 22nd M. I.
Inspector of Accounts, Poona.....———
Presidency Paymaster, Bombay.....———

STAFF OF THE BENGAL COMMAND.

LIEUTENANT-GENERAL COMMANDING THE FORCEE.

Lieut.-General Sir George Luck, K.C.B.

PERSONAL STAFF.

Asst. Military Secretary and A.-D.-C.....Major R. Hoare, 4th Hussars.
Aide-de-Camp.....Capt. E. E. Cook, 1st Life Guards.
Native Aide-de-Camp.....Risaldar-Major Muizzuddin Khan, 15th B.L.

STAFF AND DEPARTMENTS.

Depy. Adjutant-General.....Brigr.-Genl. E. G. Barrow, C.B.—With China Expedy. Force.
Tempy. do.....Brigr.-Genl. G. H. C. Dyce, C.B.

Asst. Quarter-Master-General	Bt.-Col. V. A. Schalch.
Asst. Adjutant-General	Bt.-Col. R. M. Greenfield, Offg. A. A. G., Army Hd. Qrs., Simla.
Offg. do.	Lt.-Col. J. B. Forster.
Dy. Asst. Quarter Master-General	Major W. G. Hamilton, D.S.O.
Dy. Asst. Adjutant-General	Lt.-Col. S. D. Gordon, 19th B.L.
Dy. Asst. Adjutant-General for Musketry	Bt.-Major C. E. Johnson, 36th Sikhs.
Col. on Staff, (Tempy.)	Col. R. G. W. Hepburne, R.A.
,, R. A.	Brigr.-Genl. H. Pipon, R.A.—(With China Expedy. Force.)
Dy. Asst. Adjutant-General for R. A.	Capt. E. J. G. Elkington, R.A.
Principal Medical Officer	Surg.-Genl. W. A. Catherwood, A.M.S., (on leave, England).
Offg. Principal Medical Officer	Surg.-Genl. N. F. Burnett, R.A.M.C.
Personal Asst. to do.	Capt. J. G. Hulbert, M.B., I.M.S.
Depy. Judge-Advocate-General	Lt.-Col. W. E. Wilson, 12th B.C.
Chief Engineer, Military Works	Col. F. T. N. Bowring Spratt, R.E.
Commissary-General	Lt.-Col. H. R. Marrett, S.C.
Garrison Quarter-Master, Fort William	Capt. E. St. A. Wake, 10th B.L.—Offg. Cantonment Magistrate, Nusseerabad.
Offg. do. do.	Major J. M. Carpendale, 8th B.L.

STAFF OF THE PUNJAB COMMAND.

LIEUTENANT-GENERAL COMMANDING THE FORCES.

Genl. *Sir* A. P. Palmer, K.C.B.	Provisional Commander-in-Chief in India.
Lt.-Genl. C. C. Egerton, C.B., D.S.O., A.-D.-C.	Offg. L. G. C., Punjab.

PERSONAL STAFF.

Asst. Mily. Secretary and A.-D.-C.	Major H. S. McC. Stanwell, R. Scots Fusrs.
Aide-de-Camp	Capt. J. C. Sherer, 3rd P. L.
Native Aide-de-Camp	Risaldar-Major Sher Singh Bahadur, 13th B.L.

STAFF AND DEPARTMENTS.

Depy. Adjutant-General	Brigr.-Genl. F. H. Whitby, Bri. Service.
Asst. Quarter-Master-General	Col. J. E. Nixon, 18th B.L.
Asst. Adjutant-General, (Offg.)	Bt.-Col. C. A. Anderson, R.H.A.
Depy. Asst. Quarter-Master-General	Major R. J. Strachey.
Depy. Asst. Adjutant-General	Capt. A. G. Medley, 19th B.L.
Depy. Asst. Adjutant-General for Musketry	Capt. E. H. F. Finch, E. Lanc. Regt.
Colonel on Staff, R. A.	Brigr.-Genl. R. Purdy, R.A.
Dy. Asst. Adjutant.-General, R.A.	Capt. C. G. Watson, R.A.
P. M. O., Punjab Command	Surg.-Genl. L. D. Spencer, M.D., C.B., I.M.S.
Personal Asst. to P. M. O.	Capt. G. B. Stanistreet, R.A.M.C.
Depy. Judge-Advocate-General	Major R. C. Onslow.—*Leave out of India, P.A., 1 year, 4th August* 1900.
Offg. do.	Capt. C. L. M. Rich.
Inspg. Veterinary Officer	Vety.-Lieut.-Col. B. Glover.
Inspector of Army Signalling (Punjab and Bengal Commands)	Bt.-Major C. P. Scudamore, D.S.O., R. Sco. Fusrs.
Chief Engineer, Military Works	Col. J. E. Broadbent, R.E.
Inspector of Gymnasia (Punjab and Bengal Commands)	Captain R. L'E. McKerrell, Argyll and Suthd. Highlanders.
Commissary-General	Lt.-Col. H. M. M. P. Hawkes,
Inspector-General of Ormance, Northern Circle	Col. W. M. Campbell, R.A.

BURMA MILITARY STAFF.

Major-Genl. M. Protheroe, C.B., C.S.I., Commanding Burmah District.
Lieut. A. G. Stuart, Royal Scots, Aide-de-Camp.
Major-Genl. G. Simpson, C.B., Commanding Mandalay District.
Lt.-Col E. E. M. Lawford, 1st M. Lan., Offg. Colonel on the Staff, Rangoon Command.
——— ———, Colonel on the Staff Commanding Southern Shan States.
Lt.-Col. E. E. Kenny, Administrative Commissariat Officer for Burma.

MAURITIUS (Port Louis).

Governor and Commander-in-Chief	*Sir* C. Bruce, K.C.M.G.
Aide-de-Camp	———
Colonel on the Staff	———
Depy. Asst. Adjutant-General	Capt. W. E. White, I.S.C.
Officer Commanding Royal Artillery	Lt.-Col. H. J. Lyster, R. Garr. Arty.
Commanding Royal Engineers	Lt.-Col. H. L. Jessep, R.E.
Senior Medical Officer	Lt.-Col. C. W. M. Keys, M.D., R.A.M.C.
Chief Ordnance Officer	Bt.-Major S. C. C. Townsend, R.A.
District Paymaster	Capt. H. D. Stacpole, A. P. Dept.

CEYLON (Colombo).

Governor and Commander-in-Chief	Rt.-Hon. *Sir* J. W. Ridgeway, K.C.B., K.C.S.I.
Aide-de-Camp	Capt. R. F. K. Gooch, 4th Bn. Essex Regt. Lieut. C. O. E. Nicholson, 3rd Bn., Hamps. Regt., (Extra).
Brigadier-General	Major-Genl. F. T. Hobson.
Aide-de-Camp	———
Depy. Asst. Adjutants-General	Major A. E. Cuming, A. S. Corps, (Acting). Lt.-Col. Hon. E. Noel.
Officer Commanding, Royal Artillery	Lt.-Col. G. D. Fanshawe, R.A.
Commanding Royal Engineer	Bt.-Col. G. R. R. Savage, R.E.
Senior Medical Officer	Lt. Col. R. H. Quill, M.B., R.A.M.C.
Chief Ordnance Officer	Lt.-Col. E. A. Heath, Ordnance Dept.
District Paymaster	Major A. G. B. Stubbs, A. P. Dept.

STRAITS SETTLEMENTS (Singapore).

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

Governor and Commander-in-Chief	———
Aide-de-Camp	———
Colonel on the Staff	———
Depy. Asst. Adjutant General	Capt. R. W. P. White, Welsh Regt.
Chief Ordnance Officer	Capt. H. T. Wynter, R.A.
District Paymaster	Staff Paymaster (*hon. L.C.*) de' La P. Robinson.
Senior Medical Officer	———
Garrison Adjutant	2nd Lieut. H. A. Ramsay, R. Garr. Arty.
Officer Commanding Royal Artillery	———
Commanding Royal Engineer	Lieut.-Col. W. H. Chippindall, R.E.

THE MOST EXALTED ORDER OF THE STAR OF INDIA,

[*INSTITUTED 23rd FEBRUARY* 1861; *ENLARGED 28th MARCH* 1866, *20th DECEMBER* 1876, *and 10th JUNE* 1897.]

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 George Nathaniel Curzon, Baron Curzon of Kedleston, in the County of Derby, in the Peerage of Ireland, G.M.I.E., P.C.

(6TH JANUARY 1899.)

OFFICERS OF THE ORDER.

Registar—Sir Albert William Woods, K.C.B., K.C.M.G.,
Garter Pincipal King of Arms, Heralds' College, London.
(APPOINTED 23RD FEBRUARY 1861.)

Secretary—Sir William John Cuningham, K.C.S.I., I.C.S.,
Secretary to the Government of India in the Foreign Department.
(APPOINTED 18TH APRIL 1894.)

EXTRA KNIGHTS GRAND COMMANDERS.

Field Marshal His Royal Highness ALBERT EDWARD, Prince of Wales, K.G., K.T., K.P., G.C.B., G.C.M.G., G.C.I.E., G.C.V.O.

3RD DECEMBER 1869.

General His Royal Highness PRINCE ARTHUR-WILLIAM-PATRICK-ALBERT, Duke of Connaught and Strathearn, K.G., K.T., K.P., G.C.B., G.C.M.G., G.C.I.E., G.C.V.O.

1ST JANUARY 1877.

Field Marshal His Royal Highness PRINCE GEORGE-WILLIAM-FREDERICK-CHARLES, Duke of Cambridge, K.G., K.T., K.P., G.C.B., G.C.H., G.C.M.G., G.C.I.E., G.C.V.O.

2ND JUNE 1877.

HONORARY KNIGHTS GRAND COMMANDERS.

His Highness BEGLAR BEGI MIR SIR MUHAMMAD KHUDADAD KHAN, ex-Wali of Kalat.—29th June 1879.

His Highness Sir ABDUR RAHMAN KHAN, G.C.B., Amir of Afghanistan and its Dependencies.—28th April 1885.

His Royal Highness Sir SULTAN MASSOUD MIRZA, YEMIN-ED-DOWLEH, ZIL-ES-SULTAN, of Persia.—1st November 1887.

His Highness Sir Hamid bin Muhammad, Sultan of Zanzibar.—20th April 1898.

No.	MEMBERS.	DATE OF APPOINTMENT.
	FIRST CLASS, OR KNIGHTS GRAND COMMANDERS—(36).	
	The Right Hon'ble the Earl of Northbrook—[Europe]—[Additional]	3rd May 1872.
1	Her Highness Nawab Shah Jahan Begam, of Bhopal, C I—[Central India]	31st May 1872.
2	General Sir Neville Bowles Chamberlain, G C B, Bengal Army—[Europe]	24th May 1873.
3	Sir Richard Temple, Bart., C I E—[Europe]	1st Jan. 1878.
4	Sir John Strachey, C I E, I C S., Retired—[Europe]	3rd May 1878.
5	His Highness Farzand-i-Arjumand Akidat Paiwand Daulat-i-Inglishia Barar Bans Sarmur Raja-i Rajagan Raja Sir Hira Sing Malvindar Bahadur, of Nabha—[Punjab]	29th July 1879.
6	Field Marshal Sir Frederick Paul Haines, G C B, C I E—[Europe]	Ditto.
7	The Right Hon'ble the Earl of Cranbrook—[Europe]	20th April 1880.
	The Most Hon'ble the Marquess of Ripon—[Europe]—[Additional]	8th June 1880.
	The Most Hon'ble the Marquess of Dufferin and Ava—[Europe] [Additional]	13th Dec. 1884.
8	His Highness Asaf Jah Muzaffar-ul-Mamalik Nizam-ul-Mulk Nizam-ud-Daula Nawab Mir Sir Mahbub Ali Khan Bahadur Fateh Jang, of Hyderabad—[Deccan]	1st Jan. 1885.
9	The Right Hon'ble Sir James Fergusson, Bart., K C M G, C I E, P C—[Europe]	25th Feb. 1885.
10	The Right Hon'ble Sir Mountstuart Elphinstone Grant-Duff, P C C I E—[Europe]	28th July 1886.
11	His Highness Farzand-i-Khas-i-Daulat-i-Inglishia, G C I E, Maharaja Sir Sayaji Rao Gaekwar, Sena Khas Khel Shamsher Bahadur, of Baroda—[Baroda]	16th Feb. 1887.
12	His Highness Maharana Dhiraj Sir Fateh Singh Bahadur, of Udaipur—[Rajputana]	Ditto.

No.	MEMBERS.	DATE OF APPOINTMENT.
	KNIGHTS GRAND COMMANDERS—concld.	
13	His Highness Maharaja-dhiraj Raj Rajeshwar Sawai Sir Shivaji Rao Holkar Bahadur, Maharaja of Indore—[Central India]	30th June 1887.
14	His Highness Saramad-i-Rajaha-i-Hindustan Raj Rajindra Sri Maharaja dhiraj Sawai Sir Madho Singh Bahadur, G.C.I.E., Maharaja of Jaipur—[Rajputana]	2nd Jan. 1888.
15	His Highness Sri Padmanabha Dasa Vanji Sir Balarama Varma Kulashekhara Kiritapati Mani Sultan Maharaja Raja Rama Raja Bahadur Shamsher Jang, of Travancore—[Madras]	24th May 1888.
	The Most Hon'ble the Marquess of Lansdowne, K G, G C M G, G C I E—[Europe] [Additional]	10th Dec. 1888.
16	The Right Hon'ble Donald James, Lord Reay, G C I E—[Europe]	8th April 1890.
17	Honorary Major-General His Highness Maharaja Partab Singh Indar Mahindar Bahadur Sipar-i-Saltanat of Jammu and Kashmir	25th May 1892.
18	The Right Hon'ble Viscount Cross, G C B—[Europe]	1st August 1892.
19	Field Marshal the Right Hon'ble Frederick Sleigh Lord Roberts, of Kandahar, K P, G C B, G C I E, V C, R A—[South Africa]	3rd June 1893.
	The Right Hon'ble the Earl of Elgin and Kincardine, G C I E—[Europe] [Additional]	...
20	His Highness Sir Shahu Chhatrapati Maharaj, Maharaja of Kolhapur—[Bombay]	1st Jan. 1895.
21	Honorary Colonel His Highness Mukhtar-ul-Mulk Azim-ul-Iktidar Rafi-ush-Shan Wala Shikoh Mohtasham-i-Dauran Umdat-ul-Umra Maharajadhiraj Alijah Hisam-us-Saltanat Maharaja Sir Madho Rao Sindhia Bahadur Srinath Mansur-i-Zaman Fidvi-i-Hazrat-i-Malika-i-Muazzama-i-Rafi-ud-Darja-i-Inglistan, of Gwalior—[Central India]	25th May 1895.
22	The Right Hon'ble George Robert, Lord Harris, G C I E—[Europe]	Ditto.
23	The Right Hon'ble Sir Henry Hartley Fowler, P C, M P,—[Europe]	9th July 1895.
24	The Right Hon'ble Beilby, Lord Wenlock, G C I E—[Europe]	1st Jan. 1896.
25	His Highness Maharaja Sir Vyankatesh Raman Singh Bahadur, of Rewa—[Central India]	22nd June 1897.
26	Sir Joseph Dalton Hooker, C B, M D—[Europe]	Ditto.
27	His Excellency Maharaja Sir Bir Shamsher Jang Rana Bahadur, of Nepal	Ditto.
28	The Hon'ble Sir Antony Patrick MacDonnell, I C S—[N.-W. P.]	Ditto.
29	Honorary Colonel Maharaj-dhiraj Sir Partab Singh Bahadur, C.B., of Jodhpur—[Rajputana]	Ditto.
30	Lieut.-General Sir Richard Strachey, R E, Retired—[Europe]	Ditto.
31	Lieut.-General Sir George Stewart White, G C B, G C I E, G C V O, V C—[Europe]	11th Jan. 1898.
32	His Highness Farzand-i-Khas-i-Daulat-i-Inglishia Mansur-i-Zaman Amir-ul-Umara Maharaja Dhiraj Rajeshwar Sri Maharaja-i-Rajagan Sir Rajindra Singh, Mahindra Bahadur, of Patiala—[Punjab]	21st May 1898.
33	The Right Hon'ble William, Lord Sandhurst, G C I E—(Europe)	10th March 1900.
	SECOND CLASS, OR KNIGHTS COMMANDERS (80).	
1	General Sir Arnold Burrowes Kemball, K C B, R (late Bo.) A—[Europe]	28th March 1866.
2	Major-General Sir William Henry Rodes Green, C.B, I S C—[Europe]	Ditto.
3	Sir William Muir, I C S, Retired—[Europe]	8th Feb. 1867.
4	General Sir Edward Lechmere Russell, Bombay Army—[Europe]	24th Aug. 1868.
5	Major-General Sir Frederic John Goldsmid, C B, I S C, Retired—[Europe]	1st Nov. 1871.
6	Sir Alexander John Arbuthnot, C I E, late I C S—[Europe]	24th May 1873.
7	Sir Robert Henry Davies, C I E, late I C S—[Europe]	30th May 1874.
8	Rao Sir Kashi Rao Holkar Dada Sahib, of Indore—[Central India]	23rd Oct. 1875.
9	General Sir Samuel James Browne, G C B, V C, I S C—[Europe]	7th March 1876
10	General Sir Dighton Macnaghten Probyn, G C V O., K C B, V C—[Europe]	Ditto.
11	Surgeon-General Sir Joseph Fayrer, Bart., M D, I M S, Retired—[Europe]	Ditto.
12	The Right Hon'ble Arthur, Lord Hobhouse, C I E, P C—[Europe]	1st Jan. 1877.

No.	Members.	Date of Appointment.
	KNIGHT COMMANDERS—contd.	
13	His Highness Sir Mansinghji Ranmalsinghji, Raj Sahib of Dhrangadra—[Bombay]	1st Jany. 1877.
14	Sir George Ebenezer Wilson Couper, Bart., CB, CIE, late I C S—[Europe]	Ditto.
15	Sir Thomas Lawrence Seccombe, G C I E, C B—[Europe]	2nd June 1877.
16	Sir Steuart Colvin Bayley, CIE, late I C S—[Europe]	25th May 1878.
17	Sir Robert Eyles Egerton, CIE, late I C S—[Europe]	29th July 1879.
18	Major-General Sir Owen Tudor Burne, G C I E, British Service, Retired—[Europe]	Ditto.
19	Sir Lepel Henry Griffin, I C S, Retired—[Europe]	24th May 1881.
20	Maharaja Sir Jotindra Mohan Tagor Bahadur, of Calcutta—[Bengal]	Ditto.
21	Sir John Henry Morris, I C S, Retired—[Europe]	24th May 1883.
22	The Right Hon'ble Viscount Cromer, G C B, G C M G, C I E, R A—[Egypt]	4th Aug. 1883.
23	Sir Charles Grant, I C S, Retired—[Europe]	1st Jan. 1885.
24	Colonel Sir Edward Ridley Colborne Bradford, C B, I S C—[Europe]	6th June 1885.
25	Colonel the Right Hon'ble Sir Joseph West Ridgeway, K C B, P C, B G L I—[Ceylon]	21st July 1885.
26	Sir Juland Danvers—[Europe]	1st Feb. 1886.
27	Sir Theodore Cracraft Hope, CIE, late I C S—[Europe]	29th May 1886.
28	Sir Charles Edward Bernard, late I C S—[Europe]	Ditto.
29	Sir William Chichele Plowden, late I C S—[Europe]	Ditto.
30	Sir Charles Alfred Elliot, late I C S—[Europe]	16th Feb. 1887
31	His Highness Maharaja Shri Sir Kesrisinghji Jawansinghji, of Idar—[Bombay]	Ditto.
32	Sir James Braithwaite Peile, late I C S—[Europe]	2nd Jan. 1888.
33	Sir James Broadwood Lyall, C CIE, late I C S—[Europe]	1st June 1888.
34	Sir Charles Haukes Tod Crosthwaite, late I C S—[Europe]	Ditto.
35	Sir David Miller Barbour, K C M G, late I C S—[Europe]	1st Jan. 1889.
36	Nawab Sir Mahammad Akram Khan Bahadur, Chief of Amb, Hazara District—[Punjab]	Ditto.
37	Sir Andrew Richard Scoble, Q C—[Europe]	20th May 1890
38	Sir Dennis FitzPatrick, late I C S—[Punjab]	Ditto.
39	Sir Alexander Mackenzie, I C S—[Bengal]	1st Jan. 1891.
40	Sir Philip Percival Hutchins, late I C S—[Europe]	30th May 1891.
41	Raja Sir Amar Singh—[Kashmir]	11th Nov. 1891.
42	Sir Auckland Colvin, K C M G, C I E, late I C S—[Europe]	25th May 1892.
43	Sir Henry Edward Stokes, late I C S—[Madras]	Ditto.
44	Sir Kumarapuram Sheshadri Aiyar of Mysore	3rd Jan. 1893.
45	Sir Henry Waterfield, C B—[Europe]	3rd July 1893.
46	Sir Henry Mortimer Durand, O K D O, K C I E, late I C S—[Persia]	1st Jan. 1894.
47	Major-General Sir Oliver Richardson Newmarch, I S C, Retired—[Europe]	26th May 1894.
48	Sir James Westland, late I C S—[Europe]	1st Jan. 1895.
49	The Hon'ble Sir Frederick William Richards Fryer, I C S—[Burma]	Ditto.
50	His Highness Maharab Sir Kesri Singh Bahadur, of Sirohi—[Rajputana]	Ditto.
51	Sir Courtenay Peregrine Ilbert, C I E, Barrister-at-Law—[Europe]	Ditto.
52	Lt.-Col. Sir George Scott Robertson, I M S—[Europe]	17th July 1895.
53	Lieutenant-General Sir Henry Brackenbury, K C B, R A—[Europe]	1st Jan. 1896.
54	Thakur Sahib Sir Mansinghji, Chief of Palitana—[Bombay]	Ditto.
55	Sir William Erskine Ward, late I C S—[Europe]	20th May 1896.
56	Brigade-Surgeon-Lieutenant-Colonel Sir Alfred Swaine Lethbridge, M D, I M S, Retired—[Europe]	Ditto.
57	The Hon'ble Sir John Woodburn, I C S—[Bengal]	1st Jan. 1897.
58	His Highness Maharao Raja Sir Raghubir Singh Bahadur, K C I E, of Bundi—[Rajputana]	Ditto.
59	Sir Edward Charles Buck, Kt., late I C S—[Europe]	Ditto.
60	The Hon'ble Sir William Mackworth Young, I C S,—[Punjab]	22nd June 1897.
61	His Highness Raja Sri Sir Rama Varma, of Cochin—[Madras]	Ditto.
62	Sir Charles James Lyall, C I E, I C S—[Europe]	Ditto.
63	Sir Robert Joseph Crosthwaite, I C S—[Europe]	Ditto.
64	Sir William John Cuningham, I C S—[India]	Ditto.
65	Major-General Sir Monstgu Gilbert Gerard, C B, I S C—[Hyderabad]	Ditto.

No.	Members.	Date of Appointment.
	KNIGHTS COMMANDERS—concld.	
66	His Highness Farzand-i-Dilband Rasikh-ul-Itikad Daulat-i-Inglishia Raja-i-Rajagan Raja Sir Jagatjit Singh Bahadur, of Kapurthala—[Punjab]	22nd June 1897.
67	Sir Richard Udny, late I C S—[Europe]	Ditto.
68	Colonel Sir Howard Meiliss, I S C—[India]	Ditto.
69	His Highness Maharaja Lokindra Sir Bhawani Singh Bahadur, of Datia—[Central India]	1st Jan. 1898.
70	The Hon'ble Sir Arthur Charles Trevor, I C S—[India]	Ditto.
71	Sir John Frederick Price, late I C S—[Madras]	Ditto.
72	Sir William Lee-Warner, late I C S—[Europe]	21st May 1898.
73	Sir Trevor John Chichele Chichele-Plowden, I C S—[Hyderabad]	21st Mar. 1898.
74	His Highness Sir Rasulkhanji Mahabbatkhanji, Nawab of Junagarh—[Bombay]	Ditto.
75	Sir Charles Cecil Stevens, late I C S—[Europe]	Ditto.
76	His Highness Maharao Sir Umed Singh Bahadur, of Kota—[Rajputana]	22rd May 1900.
	THIRD CLASS, OR COMPANIONS—(160).	
1	William Ford, Esq., late I C S—[Europe]	28th March 1866.
2	General Sir Crawford Trotter Chamberlain, C CIE, I S C—[Europe]	Ditto.
3	John Walter Sherer, Esq., late I C S—[Europe]	Ditto.
4	General Richard Harte Keatinge, V C, I S C—[Europe]	Ditto.
5	Major-General John William Younghusband, I S C, Retired—[Europe]	Ditto.
6	Eyre Burton Powell, Esq., M A—[Europe]	16th Sept. 1867.
7	Lewin Bentham Bowring, Esq., late I C S—[Europe]	8th Dec. 1868.
8	Major-General Frederic Conyers Cotton, Madras Engineers—[Europe]	Ditto.
9	John Orlando Hercules Norman Oliver, Esq.—[Europe]	2nd June 1869.
10	Lieutenant-General Sir John Blick Spurgin, K C B, British Army, Retired—[Europe]	Ditto.
11	William James Money, Esq., late I C S—[Europe]	Ditto.
12	Lieutenant-Colonel William Dickinson, I S C, Retired—[Europe]	Ditto.
13	Richard Vicars Boyle, Esq.—[Europe]	Ditto.
14	Mir Akbar Ali Khan Bahadur, of Hyderabad—[Hyderabad Deccan]	28th May 1870.
15	Raja Jai Krishan Das Bahadur, of Moradabad—[N W P]	Ditto.
16	General Sir Henry Edward Landor Thuillier, Kt., R A, Retired—[Europe]	Ditto.
17	General Sir Martin Dillon, K C B, British Army—[Europe]	3rd June 1870.
18	General Sir Peter Stark Lumsden, G C B, I S C—[Europe]	20th May 1871.
19	Lionel Robert Ashburner, Esq., late I C S—[Europe]	31st May 1872.
20	Nawab Muhammad Hayat Khan, Khan of Wah, Rawalpindi—[Punjab]	Ditto.
21	Major-General Alfred Thomas Etheridge, I S C, Retired—[Europe]	15th Nov. 1872.
22	Colonel Sir Charles Bean Euan-Smith, K C B, M., G L I, Retired—[Europe]	6th Feb. 1873.
23	Major-General Beresford Lovett, C B, R E, Retired—[Europe]	24th May 1873.
24	Sir John Ware Edgar, K C I E, late I C S—[Europe]	7th Aug. 1874.
25	General Sir Thomas Edward Gordon, K C B, I S C—[Europe]	23rd Oct. 1875.
26	Robert Barclay Chapman, Esq., late I C S—[Europe]	Ditto.
27	Edward William Ravenscroft, Esq., late I C S—[Europe]	Ditto.
28	General Francis Hornblow Rundall, R (Madras) E—[Europe]	7th March 1876.
29	Philip Sandys Melvill, Esq., late I C S—[Europe]	Ditto.
30	General James Michael, I S C—[Europe]	Ditto.
31	Major-General Sir Arthur Edward Augustus Ellis, K C V O, British Army—[Europe]	Ditto.
32	Major-General Philip Durham Henderson, Madras Cavalry—[Europe]	Ditto.
33	Nawab Saiyid Fath Ali Khan Bahadur, Nawab of Banganapalle—[Madras]	1st Jan. 1877.
34	Whitley Stokes, Esq., C I E—[Europe]	Ditto.
35	George Thornhill, Esq., late I C S—[Europe]	Ditto.
36	Thomas Henry Thornton, Esq., D C L, late I C S—[Europe]	Ditto.
37	Amaravati Sheshaya Shastri—[Madras]	Ditto.
38	Bakhshi Khoman Singh, of Indore—[Central India]	Ditto.
39	Dosabhai Framji, Esq.—[Bombay]	Ditto.
40	Colonel Leopold John Herbert Grey, I S C—[Punjab]	Ditto.

No.	Members.	Date of Appointment.
	COMPANIONS—contd.	
41	Sir George Christopher Molesworth Birdwood, KCIE, MD—[Europe]	1st Jan. 1877.
42	Sir Edwin Arnold, KCIE—[Europe]	Ditto.
43	General Charles James Merriman, R E, Retired—[Europe]	25th May 1878.
44	Sir James Bellot Richey, KCIE, late I C S—[Europe]	Ditto.
45	John Henry Garstin, Esq., late I C S—[Europe]	Ditto.
46	Robert Davidson, Esq., late I C S—[Europe]	Ditto.
47	Colonel Sir Colin Campbell Scott Moncrieff, KCMG, R E, Retired—[Europe]	Ditto.
48	Major-General Montague Protheroe, C B, I S C—[Burma]	22nd Feb. 1881.
49	Colonel Henry Wylie, B., G L I—[Baluchistan]	Ditto.
50	Major-General William Tweedie, I S C—[Europe]	Ditto.
51	Sir Donald Campbell Macnabb, KCIE, late I C S—[Europe]	24th May 1881.
52	Horace Abel Cockerell, Esq., late I C S—[Europe]	Ditto.
53	Colonel Sir Edward Charles Ross, Kt., I S C—[Europe]	24th May 1882.
54	William Brittain Jones, Esq., late I C S—[Europe]	24th May 1883.
55	Henry William Primrose, Esq., C B—[Europe]	1st Jan. 1885.
56	Herbert John Reynolds, Esq., late I C S—[Europe]	6th June 1885.
57	Surgeon-General James Macnabb Cuningham, MD, I M S., Retired—[Europe]	Ditto.
58	Lieut.-General Michael Weekes Willoughby, I S C—[Europe]	Ditto.
59	Henry Edward Sullivan, Esq., late I C S—[Europe]	1st Jan. 1886.
60	Sir Charles Bradley Pritchard, KCIE, I C S—[Europe]	29th May 1886.
61	Charles Gilbert Master, Esq., late I C S—[Europe]	16th Feb. 1887.
62	Raja Piari Mohon Mukharji, of Uttarpara—[Bengal]	Ditto.
63	Sir Frederick Russell Hogg, KCIE, late I C S—[Europe]	Ditto.
64	Lieutenant-Colonel Charles Edward Yate, CMG, I S C—[Rajputana]	Ditto.
65	William Rudolph Henry Merk, Esq., I C S—[Punjab]	Ditto.
66	Rao Chhatrapati Bahadur, Jagirdar of Alipura—[Central India]	Ditto.
67	The Hon'ble U. Gaung, Ex-Kinwun Mingyi—[Burma]	Ditto.
68	Sir William Gerald Seymour Vesey Fitzgerald, KCIE—[Europe]	Ditto.
69	Francis Langford O'Callaghan, Esq., CIE—[Europe]	2nd Jan. 1888.
70	Edward Raban Cave-Browne, Esq.—[Europe]	Ditto.
71	Colonel Edward Lacon Ommanney, I S C—[Europe]	24th May 1889.
72	Colonel John Clerk, C V O—[Europe]	14th Oct. 1889.
73	Lieutenant-General George Edward Langham Somerset Sandford, C B, R E—[India]	1st Jan. 1890.
74	James Richard Naylor, Esq., late I C S—[Europe]	20th May 1890.
75	David Robert Lyall, Esq., late I C S—[Bengal]	1st Jan. 1891.
76	Sardar Jiwan Singh, of Shahzadpur, Umballa—[Punjab]	Ditto.
77	Colonel Percy William Powlett, I S C—[Europe]	Ditto.
78	Colonel George Herbert Trevor, I S C—[Europe]	30th May 1891.
79	The Hon'ble Mr. Henry John Stedman Cotton, I C S—[Assam]	25th May 1892.
80	Surgeon-Major-General William Roche Rice, MD, I M S, Retired—[Europe]	Ditto.
81	Colonel Frederick Jervis Home, R E, Retired—[Europe]	Ditto.
82	Lieutenant-Colonel Henry St. Patrick Maxwell, I S C—[Assam]	Ditto.
83	Raja Udai Partab Singh, of Bhinga—[Oudh]	3rd Jan. 1893.
84	George Robert Elsmie, Esq., late I C S—[Europe]	Ditto.
85	Herbert Mills Birdwood, Esq., late I C S—[Europe]	3rd June 1893.
86	Major-General Alexander Walker, R A—[Residing out of India]	Ditto.
87	Colonel Hurlock Galloway Pritchard, I C S—[Europe]	Ditto.
88	Jervoise Athelstane Baines, Esq., late I C S—[Europe]	1st Jan. 1894.
89	Sir Thomas Salter Pyne, Kt., M I M E.,—[Europe]	Ditto.
90	Major-General Robert Charles Boileau Pemberton, R E, Retired—[Europe]	Ditto.
91	Major-General Alexander Robert Badcock, C B, I S C—[India]	1st Jan. 1895.
92	The Hon'ble Mr. Donald Mackenzie Smeaton, I C S—[Burma]	Ditto.
93	Colonel William Fraptis Prideaux, late I S C—[Europe]	Ditto.
94	Alan Cadell, Esq., I C S, Retired—[Europe]	25th May 1895.
95	Sir Alexander Edward Miller, Kt., Q C—[Europe]	Ditto.
96	The Hon'ble Mr. Charles Montgomery Rivaz, I C S—[Punjab]	Ditto.
97	Arthur Forbes, Esq., I C S—[Bengal]	Ditto.
98	Kerala Varma Valiya Koil Tamburan, Consort of Her Highness Raja Rajeshwari Rani Lakshmi Bai Sahiba, C I, Senior Rani of Travancore—[Madras]	Ditto.
99	Colonel John Pennycuick, R E, Retired—[Europe]	11th Oct. 1895.

No.	Members.	Date of Appointment.
	COMPANIONS—concld.	
100	The Hon'ble Lieutenant-Colonel David William Keith Barr, I S C—[Hyderabad]	1st Jan. 1896.
101	The Hon'ble Mr. Denzil Charles Jelf Ibbeston, I C S—[On deputation]	Ditto.
102	James John Digges La Touche, Esq., I C S—[North-Western Provinces]	Ditto.
103	Arthur Upton Fanshawe, Esq., I C S—[India]	Ditto.
104	Colonel George Fletcher Ottley Boughey, R E, Retired—[Europe]	21st Jan. 1896.
105	Major Harold Arthur Deane, I S C—[India]	Ditto.
106	James Fairbairn Finlay, Esq., I C S—[India]	20th May 1896.
107	Joseph Parker, Esq.—[Europe]	25th Sept. 1896.
108	The Hon'ble Mr. Charles Lewis Tupper, I C S—[Punjab]	1st Jan. 1897.
109	The Hon'ble Mr. Andrew Henderson Leith Fraser, I C S—[Central Provinces]	Ditto.
110	The Hon'ble Mr. Hugh Shakespear Barnes, I C S—[India]	22nd June 1897.
111	Clement Sneyd Colvin, Esq.—[Europe]	Ditto.
112	Surgeon-General William Roe Hooper, I M S, Retired—[Europe]	Ditto.
113	John Molesworth Macpherson,—[India]	Ditto.
114	The Hon'ble Mr. James Monteath, I C S—[Bombay]	Ditto.
115	The Hon'ble Mr. Charles Walter Bolton, I C S—[Bombay]	Ditto.
116	Horace Frederick D'Oyly Moule, Esq., late I C S—[Europe]	Ditto.
117	Surgeon-General James Cleghorn, M D, I M S—[India]	Ditto.
118	Colonel Thomas Gracey, R E—[Residing out of India]	Ditto.
119	Colonel James Aloysius Miley, I S C—[India]	Ditto.
120	Colonel Andrew Wilson Baird, late R E, Retired—[Residing out of India]	Ditto.
121	Khachar Ala Chela, Chief of Jasdan—[Bombay]	Ditto.
122	Henry Babington Smith, Esq.—[Europe]	Ditto.
123	Henry Aiken Anderson, Esq., I C S—[Punjab]	Ditto.
124	Captain Arthur Henry McMahon, C I E, I S C—[Malakand]	Ditto.
125	Robert Steel, Esq.—[Europe]	Ditto.
126	Sardar Bahadur Kashi Rao Sarve, of Gwalior—[Central India]	Ditto.
127	The Hon'ble Mr. Henry Evan Murchison James, I C S—[Sind]	1st Jan. 1898.
128	James Knox Spence, Esq., I C S—[Bombay]	Ditto.
129	The Hon'ble Mr. Michael Finucane, I C S—[Bengal]	Ditto.
130	The Hon'ble Mr. Charles William Odling, M I C E., M E—[North-Western Provinces]	Ditto.
131	Raja Tasadduk Rasul Khan, of Barabanki—[Oudh]	Ditto.
132	The Hon'ble Mr. James Austin Bourdillon, I C S—[Bengal]	Ditto.
133	Alexander Walmesley Cruickshank, Esq., I C S—[North-Western Provinces]	Ditto.
134	Thomas William Holderness, Esq., I C S—[India]	Ditto.
135	David Norton, Esq., I C S—[Burma]	Ditto.
136	Thomas Stoker, Esq., late I C S—[Europe]	21st May 1898.
137	Colonel Maule Campbell Brackenbury, R E—[Punjab]	Ditto.
138	Edward Richard Henry, Esq., I C S—[Europe]	Ditto.
139	Lucas White King, Esq., I C S—[Punjab]	Ditto.
140	Khan Bahadur Yar Muhammad Khan, of Jaora—[Central India]	Ditto.
141	Mackenzie Dalzele Chalmers, Esq.—[Europe]	31st Dec. 1898.
142	The Hon'ble Mr. Arundel Tagg Arundel, I C S—[Madras]	Ditto.
143	The Hon'ble Lieutenant-Colonel Donald Robertson, I S C—[Mysore]	Ditto.
144	His Highness Raja Kirti Sah of Tehri, Garhwal—[N.-W. P.]	Ditto.
145	John Prescot Hewett, C I E., I C S—[India]	Ditto.
146	Colonel William Pleace Warburton, M D, I M S., Retired—[Europe]	Ditto.
147	Colonel David Sinclair, M D., I M S.—[Burma]	Ditto.
148	The Hon'ble Mr. Henry Farrington Evans, I C S.—[N.-W.P.]	3rd June 1899.
149	Lieutenant-Colonel John Muir Hunter, I S C.—[Bombay]	Ditto.
150	The Hon'ble Mr. Richard Gillies Hardy, I C S.—[N.-W. P.]	1st Jan. 1900.
151	The Hon'ble Mr. Henry Martin Winterbotham, I C S.—[Madras]	23rd May 1900.
152	The Hon'ble Mr. Arthur Henry Temple Martindale, I C S.—[Rajputana—on furlough.]	Ditto.
153	Frederick Robert Upcott, Esq., M I C S—[India]	Ditto.
154	The Hon'ble Mr. Herbert Charles Fanshawe, I C S—[Punjab]	Ditto.
155	The Hon'ble Mr. Edmund Norman Baker, I C S—[Bengal]	Ditto.

THE MOST EMINENT ORDER OF THE INDIAN EMPIRE.

[*INSTITUTED* 31*st DECEMBER* 1877; *ENLARGED* 2*nd AUGUST* 1886, 1*st JUNE* 1887, 12*th MAY* 1892 *and* 1897.]

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 George Nathaniel Curzon, Baron Curzon of Kedleston, in the County of Derby, in the Peerage of Ireland, G M S I, P C.

(6TH JANUARY 1899.)

OFFICERS OF THE ORDER.

Registrar.—Sir Albert William Woods, K C B, K C M G, *Garter Principal King of Arms, Heralds' College, London.*

[APPOINTED 31ST DECEMBER 1877.]

Secretary.—Sir William John Cuningham, K C S I, I C S, *Secretary to the Government of India in the Foreign Department.*

[APPOINTED 18TH APRIL 1894.]

EXTRA KNIGHTS GRAND COMMANDERS.

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

General H R H Arthur William Patrick Albert, Duke of Connaught and Strathearn, K G, K T, K P, G C B, G C S I, G C M G, G C V O—21st June 1887.

Field Marshal H R H George William Frederic Charles, Duke of Cambridge, K G, K T, K P, G C B, G C H, G C S I, G C M G, G C V O—21st June 1887.

HONORARY KNIGHTS COMMANDERS.

Sir Leon Emile Clament-Thomas, Officer of the Legion of Honour, late Governor of the French Settlements in India—1st September 1898.

HONORARY COMPANIONS.

H. E. Monsieur Laurent Marie Emile Beauchamp, Governor of Réunion and its Dependencies—30th July 1897.

General A. Hontum-Schindler, of the Persian Service.

No.	MEMBERS.	DATE OF APPOINTMENT.
	FIRST CLASS, OR KNIGHTS GRAND COMMANDERS—(32).	
	The Most Hon'ble the Marquess of Dufferin and Ava K P, G C B, G C S I, G C M G—[Europe] [Additional]	1st June 1887.
	The Right Hon'ble Donald James, Lord Reay, G C S I—[Europe] [Additional]	21st June 1887.
	The Right Hon'ble Robert, Lord Connemara, P C—[Europe] [Additional]	Ditto.
1	Field Marshal The Right Hon'ble Frederick Sleigh, Lord Roberts of Kandahar, K P, G C B, G C S I, V C, R A—[Europe]	Ditto.
2	His Highness Maharao Shri Mirza Raja Sawai Sir Khengarji Bahadur, Rao of Cutch—[Bombay]	30th June 1887.
3	Hony. Lieutenant-Colonel His Highness Maharaja Sir Nripendra Narayan Bahadur, C B., of Cooch Behar—[Bengal]	23rd Feb. 1888.
	The Most Hon'ble the Marquess of Lansdowne, K G, G C S I, G C M G—[Europe]—[Additional]	10th Dec. 1888.
	The Right Hon'ble George Robert, Lord Harris, G C S I—[Europe] [Additional]	20th May 1890.
4	His Highness Amin-ud-Daula Wazir-ul-Mulk Nawab Sir Muhammad Ibrahim Ali Khan Bahadur Saulat Jang, of Tonk—[Rajputana]	Ditto.
5	Ihtisham-ul-Mulk Rais-ud-Daula Amir-ul-Umara Nawab Sir Saiyid Hasan Ali Khan Bahadur Mahabbat Jang, of Murshidabad—[Bengal]	Ditto.
	The Right Hon'ble Reilby, Lord Wenlock, G C S I—[Europe] [Additional]	28th Jan. 1891.
6	Sir James Broadwood Lyall, K C S I, late I C S—[Europe]	25th May 1892.
7	Sir Thomas Lawrence Seccombe, K C S I, C S—[Europe]	2nd Aug. 1892.
8	Lieutenant-General Sir George Stewart White, G C B, G C S I, G C V O, V C—[Europe]	10th Mar. 1893.
	The Hon'ble the Earl of Elgin and Kincardine, G C S I—[Europe] [Additional]	27th Jan. 1894.

No.	MEMBERS.	DATE OF APPOINTMENT.
	KNIGHTS GRAND COMMANDERS—concld.	
9	His Highness Beglar Begi Mir Sir Mahmud Khan, Wali of Kalat—[Baluchistan]	11th Aug. 1894.
	His Excellency The Right Hon'ble William, Lord Sandhurst, G C S I,—[Europe] [Additional]	27th Feb. 1895.
10	Sir Alfred Comyns Lyall, K C B, late I C S—[Europe]	1st Jan. 1896.
11	His Excellency Sir Arthur Elibank Havelock, G C M G—[Madras]	18th Mar. 1896.
12	Major-General Sir Owen Tudor Burne, K C S I, British Service, Retired—[Europe]	1st Jan. 1897.
13	H. H. Maharaja Sir Bhanwar Pal Deo Bahadur Yadukul Chandra Bhal, of Karauli—[Rajputana]	22nd June 1897.
14	His Highness Mir Faiz Muhammad Khan, Talpur, of Khairpur, Sind—[Bombay]	Ditto.
15	His Highness Sir Bhagwatsinghji Sagramji, Thakur Sahib of Gondal—[Bombay]	Ditto.
16	General Sir Crawford Trotter Chamberlain, C S I, I S C	Ditto.
17	His Highness Sir Waghji Ravaji, Thakur Sahib of Morvi—[Bombay]	31st July 1897.
18	Sir George Faudel Faudel-Phillips, Bart—[Europe]	15th Oct. 1897.
19	His Highness Maharaja Sir Prabhu Narayan Singh Bahadur, of Benares [North-Western Provinces]	1st Jan. 1898.
20	His Highness Sir Sher Muhammad Khan, Diwan of Palanpur—[Bombay]	Ditto.
21	His Excellency the Right Hon'ble Henry-Stafford, Lord Northcote, C B, [Bombay]	17th Feb. 1900.
22	His Highness Saramad-i-Rajaha-i-Hindustan Raj Rajindra Sri Maharaja Shiraj Sawai Sir Madho Singh Bahadur, G C S I, of Jaipur—[Rajputara]	23rd May 1900.
23	His Highness Saramad-i-Rajaha-i-Bundelkhand Maharaja Mahindra Sawai Sir Pratap Singh Bahadur, of Orchha—[Central India]	Ditto.
	SECOND CLASS, OR KNIGHTS COMMANDERS—(82).	
1	Sir Dietrich Brandis, of Bonn, Germany—[Europe]	16th Feb. 1887.
2	Sir Alexander Meadows Rendel, M I C E—[Europe]	Ditto.
3	Sir Donald Campbell Macnabb, C S I, late I C S—[Europe]	Ditto.
4	Sir George Christopher Molesworth Birdwood, C S I, M D, —[Europe]	Ditto.
5	Surgeon-General Sir Benjamin Simpson, M D, I M S, Retired—[Europe]	Ditto.
6	Sir Albert James Leppoc Cappel—[Europe]	Ditto.
7	Sir Donald Mackenzie Wallace—[Europe]	Ditto.
8	Sir Alfred Woodley Croft—[Bengal]	Ditto.
9	Sir Bradford Leslie—[Europe]	Ditto.
10	Sir Jaswantsingji Fatehsingji, Thakur Sahib of Limri—[Bombay]	30th June 1887.
11	Sir William Gerald Seymour Vesey Fitzgerald, C S I—[Europe]	17th Aug. 1887.
12	Sir Charles Arthur Turner—[Europe]	2nd Jan. 1888.
13	Nawab Shams-ul-Umara Amir-i-Kabir Sir Khurshid Jah Bahadur—[Hyderabad Deccan]	Ditto.
14	Sir Edwin Arnold, C S I—[Europe]	Ditto.
15	Sir Arthur Nicolson, C M G—[Europe]	20th Mar. 1888
16	Sir Raymond West, late I C S—[Europe]	1st June 1888.
17	Sir Guilford Lindsay Molesworth—[Europe]	Ditto.
18	Sir Frederick Russell Hogg, C S I, late I C S—[Europe]	Ditto.
19	Sardar Sir Naoroz Khan, of Kharan—[Baluchistan]	Ditto.
20	Nawab Sir Imam Bakhsh Khan, Mazari Chief, Dera Ghazi Khan District—[Punjab]	Ditto.
21	Raja Velugoti Sri Sir Raja Gopala Krishna Yachendra Bahadur Pancha Hazar Mansabdar, of Venkatagiri—[Madras]	Ditto.
22	Maharaja Sir Narendra Krishna Bahadur, of Calcutta—[Bengal]	Ditto.
23	Sir Henry Mortimer Durand, G C M G, K C S I, late I C S—[Madrid]	Ditto.
24	Sir Arthur George Macpherson—[Europe]	1st Jan. 1889.
25	Sir William Markby—[Europe]	Ditto.
26	Sir Henry Stuart Cunningham—[Europe]	Ditto.
27	Maharana Shri Sir Wakhatsinghji, Raja of Lunawara—[Bombay]	24th May 1889.
28	Sir John Ware Edgar, C S I, late I C S—[Europe]	Ditto.
29	Sir Roper Lethbridge—[Europe]	1st Jan. 1890.
30	Sir James Bellot Richey, C S I, late I C S—[Europe]	20th May 1890.

No.	Members.	Date of Appointment.
	KNIGHTS COMMANDERS—contd.	
31	Sir Charles Bradley Pritchard, C S I, late I C S—[Europe]	30th May 1891.
32	Sir Charles Pontifex—[Europe]	25th May 1892.
33	Sir Henry Hoyle Howorth—[Europe]	Ditto.
34	The Hon'ble Sir Griffith Humphrey Pugh Evans—[Calcutta]	Ditto.
35	The Hon'ble Sir Edward Charles Kayll Ollivant—[Bombay]	Ditto.
36	Sir Henry Seymour King—[Europe]	15th Aug. 1892.
37	The Hon'ble Major-General Sir Edwin Henry Hayter Collen, C B, I S C—[India]	3rd Jan. 1893.
38	Raja Sir Muhammad Amir Hasan Khan, Khan Bahadur, of Mahmudabad—[Oudh]	Ditto.
39	Honorary Colonel Sir William Brereton Hudson, V. D., late of the Behar Light Horse Volunteers—[Bengal]	Ditto.
40	General Sir Thomas Edward Gordon, K C B, C S I, I S C—[Europe]	3rd June 1893.
41	General Sir Edward Charles Sparshott Williams, R E—[Europe]	Ditto.
42	Sir John Lambert—[Europe]	Ditto.
43	His Highness Maharao Raja Sir Raghubir Singh Bahadur, K.C.S.I., of Bundi—[Rajputana]	1st Jan. 1894.
44	Major-General Sir John Charles Ardagh, C B, R E—[Europe]	Ditto.
45	Colonel Lord William Leslie De la Poer Beresford, V C, British Service—[Europe]	Ditto.
46	Sir James Lyle Mackay—[Europe]	Ditto.
47	Raja Sir Sudhal Deo, of Bamra—[Central Provinces]	1st Jan. 1895.
48	Colonel Sir Henry Ravenshaw Thuillier, R E—[Europe]	Ditto.
49	Nawab Sidi Sir Ahmad Khan Sidi Ibrahim Khan, of Janjira—[Bombay]	Ditto.
50	The Hon'ble Maharaja Sir Venkata Svetachalapati Ranga Rao, Zamindar of Bobbili—[Madras]	Ditto.
51	Sir William Robert Brooke—[Europe]	25th May 1895.
52	The Hon'ble Maharaja Sir Partab Narayan Singh, of Ajudhya—[Oudh]	Ditto.
53	Maharaja Sir Ravaneshwar Prashad Singh Bahadur, of Gidhaur—[Bengal]	Ditto.
54	Lieutenant-Colonel Sir Adelbert Cecil Talbot, I S C—[Kashmir]	16th Aug. 1895.
55	Major-General Sir Thomas Dennehey, I C S, Retired—[Europe]	1st Jan. 1896.
56	Nawab Sikandar Jang Iqbal-ud-Daula Iktidar-ul-Mulk Sir Vikar-ul-Umara Bahadur—[Hyderabad Deccan]	Ditto.
57	His Highness Maharaja Sawai Sir Ranjor Singh Bahadur, Chief of Ajaigarh, Bundelkhand—[Central India]	1st Jan. 1897.
58	Sir Henry William Bliss, late I C S—[Europe]	22nd June 1897
59	Nawab Sir Amir-ud-Din Ahmad Khan Bahadur, of Loharu—[Punjab]	Ditto.
60	Colonel Sir William Sinclair Smith Bisset, R E—[Europe]	Ditto.
61	Major-General Sir Edward Stedman, C B, I S C	Ditto.
62	Sir John Jardine, late I C S—[Europe]	Ditto.
63	Rear-Admiral Sir John Hext, R N, Retired—[Europe]	Ditto.
64	Sir Mancherji Merwanji Bhavnagari—[Europe]	Ditto
65	Colonel Sir Thomas Hungerford Holdich, C B, R E—[India]	Ditto.
66	Sir James MacNabb Campbell, I C S—[Bombay]	Ditto.
67	Sir Mahammad Munawari Khan Bahadur, Prince of Arcot	Ditto.
68	The Hon'ble Nawab Bahadur Sir Khwaja Ashanulla, of Dacca—[Bengal]	Ditto.
69	The Hon'ble Baba Sir Khem Singh Bedi, of Kallar, Rawalpindi—[Punjab]	1st Jan. 1898.
70	Brigade-Surgeon-Lt.-Colonel Sir George King, M B., I M S, Retired [Europe]	Ditto.
71	Sir Arthur Wilson—[Europe]	Ditto.
72	The Hon'ble Sir Francis William Maclean, Kt., Q C—[Bengal]	Ditto.
73	His Highness Agha Sir Sultan Muhammad Shah, Agha Khan—[Bombay]	21st May 1898.
74	Sir Andrew Wingate, I C S—[Bombay]	31st Dec. 1898.
75	The Hon'ble Kunwar Sir Harnam Singh, Ahluwalia of Kapurthala—Punjab]	Ditto.
76	Major-General Sir Gerald deCourcy Morton, C B, British Service—[Punjab]	Ditto.
77	Lieutenant-General Sir George Corrie Bird, C.B, I S C—[Punjab].	Ditto.
78	The Hon'ble Divan Bahadur Sir S. Subraniya Aiyar—[Madras]	1st Jan. 1900.
79	Sir Edward Spence Symes, I C S—[Burma—on leave]	Ditto.

No.	Members.	Date of Appointment.
	THIRD CLASS, OR COMPANIONS.	
	Companions and Members ex-officio *and for Life.**	
	(Under the Old Statutes.)	
1	Sir Alexander John Arbuthnot, K C S I, late Member of the Council of the Governor-General and Councillor of the Empress of India—[Europe]	1st Jan. 1878.
2	Lieut.-General Sir Andrew Clarke, G C M G, C B, R E, late Member of the Council of the Governor-General, and Councillor of the Empress of India—[Europe]	Ditto.
3	Sir Auckland Colvin, K C S I, K C M G, late Member of the Council of the Governor-General of India—[Europe]	11th Oct. 1888.
4	Sir George Ebenezer Wilson Couper, *Bart*, K C S I, C B, late Lieutenant-Governor of the North-Western Provinces, and Chief Commissioner of Oudh, and Councillor of the Empress of India—[Europe]	1st Jan. 1878.
5	The Right Hon'ble Viscount Cromer, G C B, G C M G, K C S I, late R A, and late Member of the Council of the Governor-General—[Egypt]	27th Dec. 1880.
6	Sir Robert Henry Davies, K C S I, late Lieutenant-Governor of the Punjab and its Dependencies and Councillor of the Empress of India—[Europe]	1st Jan. 1878.
7	Sir Robert Eyles Egerton, K C S I, late Lieutenant-Governor of the Punjab and its Dependencies, and Councillor of the Empress of India—[Europe]	Ditto.
8	The Right Hon'ble Sir James Fergusson, *Bart*, P C, G C S I, K C M G, late Governor of Bombay—[Europe]	28th April 1880.
9	The Right Hon'ble Sir Mountstuart Elphinstone Grant-Duff, P C, G C S I, late Governor of Madras—[Europe]	5th Nov. 1881.
10	Field Marshal Sir Frederick Paul Haines, G C B, G C S I, R. Muns. Fus., late Commander-in-Chief in India, and Councillor of the Empress of India—[Europe]	1st Jan. 1878.
11	The Right Hon'ble Sir Arthur, Baron Hobhouse, K C S I, late Member of the Council of the Governor-General and Councillor of the Empress of India—[Europe]	Ditto.
12	Sir Theodore Cracraft Hope, K C S I, late Member of the Council of the Governor-General of India—[Europe]	22nd July 1882.
13	Sir Courtenay Peregrine Ilbert, K C S I, late Member of the Council of the Governor-General of India—[Europe]	2nd May 1882.
14	General Sir Henry Wylie Norman, G C B, G C M G, I S C, late Member of the Council of the Governor-General and Councillor of the Empress of India—[Queensland]	1st Jan. 1878.
15	The Most Hon'ble Sir George Frederick Samuel Robinson, Marquess of Ripon, P C, K G, G C S I, late Viceroy and Governor-General of India—[Europe]	8th June 1880.
16	Whitley Stokes, Esq., C S I, late Member of the Council of the Governor-General and Councillor of the Empress of India—[Europe]	1st Jan. 1878.
17	Sir John Strachey, G C S I, late Member of the Council of the Governor-General and Councillor of the Empress of India—[Europe]	Ditto.
18	Sir Richard Temple, *Bart*, G C S I, late Governor of Bombay and Councillor of the Empress of India—[Europe]	Ditto.
	COMPANIONS.	
1	Richard Kaye Puckle, Esq., late I C S—[Europe]	1st Jan. 1878.
2	General William George Mainwaring, I S C—[Europe]	Ditto.
3	Rear-Admiral John Byhesea, C B, V C, R N, Retired—[Europe]	Ditto.
4	Lieutenant-General Sir Henry Moore, K C B, I S C—[Europe]	Ditto.
5	General William Gordon, I S C—[Europe]	Ditto.
6	Donald Graham, Esq.—[Europe]	Ditto.
7	Thomas Mitchell Gibbon, Esq.—[Europe]	Ditto.
8	George Smith, Esq., LL D, of Edinburgh,—[Europe]	Ditto.
9	Colonel John Henry Rivett-Carnac, V D, late I C S, late Commandant, Ghazipur Volunteer Rifles—[Europe]	Ditto.
10	Lieutenant-Colonel The Hon'ble George Campbell Napier, Bengal Infantry, Retired—[Europe]	Ditto.
11	Roscoe Bocquet, Esq.—[Europe]	Ditto.

* *Ex-officio* appointments are no longer made.

No.	Members.	Date of Appointment.
	COMPANIONS—contd.	
12	Bamanji Jamaspji Dastur—[Bombay]	1st Jan. 1879.
13	William Digby, Esq.—[Europe]	Ditto.
14	Colonel Eugene Clutterbuck Impey, I S C, Retired—[Europe]	Ditto.
15	Colonel Edmund Samuel Ludlow, I S C—[Europe]	Ditto.
16	Surgeon-Major Daniel Robert Thompson, M D, I M S, Retired—[Europe]	Ditto.
17	Lieutenant-General James Francis Tennant, R E, Retired—[Europe]	Ditto.
18	The Reverend Father Eugene Lafont, S J, of Calcutta—[Bengal]	1st Jan. 1880.
19	Stephen Paget Walter Vyvyan Luke, Esq.—[Europe]	Ditto.
20	Sir Charles James Lyall, Esq., K C S I, I C S—[Europe]	Ditto.
21	Charles Gordon Welland Macpherson, Esq., late I C S—[Europe]	Ditto.
22	Monsieur Pierre François Henri Nanquette, of Nancy, France—[Europe]	Ditto.
23	Charles Edward Pitman, Esq., Telegraph Department—[India]	Ditto.
24	Pandit Sarup Narayan, of Indore—[Central India]	Ditto.
25	Raja Sir Saurindra Mohan Tagor, *Kt.*, of Calcutta—[Bengal]	Ditto.
26	Richard Issac Bruce, Esq.—[Europe]	15th March 1881.
27	James Thomas Christie, Esq., late U C S—[Punjab]	Ditto.
28	Alexander Frederick Douglas Cunningham, Esq., I C S—[Punjab]	Ditto.
29	Nawab Mirza Hasan Ali Khan	Ditto.
30	Sir Steuart Colvin Bayley, K C S I, late I C S—[Europe]	24th May 1881.
31	Mahamahopadhyaya Mahesh Chandra Nyayaratna, of Calcutta—[Bengal]	Ditto.
32	Lieutenant-Colonel William Hutt Curzon Wyllie, I S C—[Rajputana]	Ditto.
33	Mirza Ghulam Ahmad, late E A C—[Punjab]	Ditto.
34	Sardar Sultan Jan, Saddozai, Punjab Commission—[Punjab]	Ditto.
35	Brigade-Surgeon John Anderson, Retired—[Europe]	Ditto.
36	Lieutenant-Colonel Charles William Owen, C M G, I M S—[Patiala, Punjab]	Ditto.
37	Henry Lucius Dampier, Esq., late I C S—[Europe]	2nd Jan. 1882.
38	General John Augustus Fuller, R E, Retired—[Europe]	Ditto.
39	George Welton Mathew, Esq.—[Europe]	Ditto.
40	Rai Bahadur Hittu Ram, of Dera Ghazi Khan District—[Punjab]	Ditto.
41	Saiyid Aulad Husain Khan Bahadur,—[Central Provinces]	Ditto.
42	Khan Bahadur Pestanji Jehangir—[Bombay]	Ditto.
43	Honorary Colonel John Robertson—[Europe]	Ditto.
44	Sir Henry Christopher Mance, Kt.—[Europe]	1st Jan. 1883.
45	Henry George Keene, Esq., late I C S—[Europe]	Ditto.
46	Dr. Mahendra Lal Sarkar, of Calcutta—[Bengal]	Ditto.
47	Saiyid Bakar Ali Khan, Bulandshahr District—[N W P]	Ditto.
48	Captain Claude Clerk—[Europe]	Ditto.
49	Casper Purdon Clarke, Esq.—[Europe]	Ditto.
50	Surgeon-General George Bidie, M B, I M S, Retired—[Europe]	Ditto.
51	Francis Langford O'Callaghan, Esq., C S I, M I C E—[Europe]	24th May 1883.
52	Honorary Colonel David Wilkinson Campbell, V D, M I C E, late Commandant, E I R Volunteers, Calcutta—[Europe]	Ditto.
53	Major-General Thomas Ross Church, I S C—[Europe]	Ditto.
54	Samuel Jackson, Esq., M I C E,—[Residing out of India]	Ditto.
55	Thakur Bichu Singh, of Dholpur—[Rajputana]	Ditto.
56	Frederick Augustus Hugh Elliot, Esq., late I C S—[Europe]	Ditto.
57	Baden Henry Baden-Powell, Esq., late I C S—[Europe]	1st Jan. 1884.
58	Pandit Het Ram, of Bareilly,—[N.-W. P.]	Ditto.
59	John Faithful Fleet, Esq., late I C S—[Europe]	Ditto.
60	Honorary Colonel George Alfred Barnett, V D, late G I P Volunteer Rifles—[Bombay]	Ditto
61	The Rev. William Muller, M A, L L D—[Madras]	23rd May 1884.
62	Benjamin Lewis Rice, Esq., Mysore Service—[Mysore]	Ditto.
63	Colonel Charles Edward Stewart, C B, C M G, I S C—[Europe]	Ditto.
64	Maharaja Durga Charan Laha, of Calcutta	Ditto.
65	Monsieur Lucien Boppe, of Nancy, France—[Europe]	1st Jan. 1885.
66	Ralph Thomas Hodgkin Griffith, Esq., of Kotagiri,—[Madras]	Ditto.
67	Colonel Robert Parry Nisbett, late I S C—[Europe]	6th June 1885.
68	James Babonau Nicketlien Hennessy, Esq., of Dehra Dun—[N.-W. P.]	Ditto.
69	James Burgess, Esq., L L D,—[Europe]	Ditto.

No.	Members.	Date of Appointment.
	COMPANIONS—contd.	
70	George Hamnett, Esq., of Ootacamund,—[Madras]	6th June 1885.
71	Raja Sir S. Savalai Ramaswami Mudaliyar, *Kt.*, of Madras—[Madras]	Ditto.
72	Mortimer Sloper Howell, Esq., late I C S—[Europe]	1st Jan. 1878.
73	Colin Arrott Robertson Browning, Esq.—[Europe]	Ditto.
74	Arthur Naylor Wollaston, Esq.—[London]	Ditto.
75	Muhammad Hasan Khan, of Bhopal—[Central India]	Ditto.
76	Raja Jang Bahadur Khan, of Nanpara—[Oudh]	Ditto.
77	Rai Bahadur Sarat Chandra Das—[Bengal]	Ditto.
78	Colonel Sir Hugh Richard, Viscount Downe—[Europe]	10th Mar. 1886.
79	Raja Seth Lachhman Das, of Muttra—[N W P]	29th May 1886.
80	Deputy Surgeon-General Alexander Morison Dallas, I M S, Retired—[Europe]	Ditto.
81	Frederick Charles Kennedy, Esq., Irrawaddy Flotilla Company—[Burma]	Ditto.
82	George Watt, Esq., M B—[India]	28th June 1886.
83	Sir John William Tyler, Kt., M D, Retired—[Europe]	Ditto.
84	Colonel Augustus LeMessurier, R E, Retired—[Europe]	Ditto.
85	Lieutenant Joseph Ralph Edward John Royle, Retired—[Europe]	Ditto.
86	John Lockwood Kipling, Esq.—[Europe]	1st Jan. 1887.
87	Dr. Franz Kielhorn—[Europe]	Ditto.
88	Rai Mehta Panna Lalji, of Udaipur—[Rajputana]	Ditto.
89	Brigade-Surgeon Henry Elmsley Busteed, M D, I M S, Retired—[Europe]	Ditto.
90	Carl Ludolf Griesbach, Esq., Geological Survey of India—[India]	16th Feb. 1887.
91	Lieutenant-Colonel Frederick Duncan Raikes, I S C—[Burma]	Ditto.
92	The Hon'ble Rao Bahadur Mahadev Govind Ranade—[Bombay]	Ditto.
93	William Wordsworth, Esq.—[Europe]	Ditto.
94	Albert Frederick DeLæssoe, Esq., C M G—[N.-W.P.]	Ditto.
95	Sardar Sher Ahmad Khan, E A C—[Punjab]	Ditto.
96	Honorary Lieutenant-Colonel Risaldar-Major Muhammad Aslam Khan, Sardar Bahadur, 5th B C, Retired—[Punjab]	Ditto.
97	Henry Montagu Mathews, Esq., M I C E—[Europe]	Ditto.
98	Palli Chentsal Rao Pantulu, of Madras—[Madras]	Ditto.
99	Colonel John Stewart, R A, Retired—[Europe]	Ditto.
100	The Hon'ble Saiyid Amir Ali, of Calcutta—[Bengal]	Ditto.
101	William James Maitland, Esq.—[Europe]	Ditto.
102	Maung Pe Si, of Mandalay—[Burma]	Ditto.
103	Kumar Shri Kaluba, of Cutch—[Bombay]	30th June 1887.
104	Brevet-Colonel Charles Wemyss Muir, I S C—[Punjab]	15th July 1887.
105	Sir Frank Forbes Adam, Kt.—[Europe]	2nd Jan. 1888.
106	Colonel Henry Constantine Evelyn Ward, I S C—[Europe]	Ditto.
107	Frederick Thomas Granville Walton, Esq., M I C E—[Madras]	Ditto.
108	The Hon'ble Nawab Bahadur Saiyid Amir Husain, of Calcutta—[Bengal]	Ditto.
109	Major-General Charles Smith Maclean, C B, I S C—[Europe]	20th Mar. 1888.
110	Edmund Forster Webster, Esq., late I C S—[Europe]	1st June 1888.
111	Honorary Colonel Alexander John Lawrence, late I C S, late Commandant, Mussoorie V R Corps—[Europe]	Ditto.
112	Major-General James Cavan Berkeley, Madras Army—[Europe]	Ditto.
113	Hira Sahib Lal Ramanaj Parsad Singh, of Rewa—[Central India]	Ditto.
114	Meharjibhai Kuvarji Tarapurvala—[Bombay]	Ditto.
115	Charles Henry Tawney, Esq.—[Europe]	Ditto.
116	Colonel Thomas Weldon, late I S C—[Europe]	Ditto.
117	Henry Irwin, Esq., M I C E Retired—[Madras]	Ditto.
118	Lieutenant-Colonel Buchanan Scott, R E—[Bengal]	Ditto.
119	Arthur Hedding Hildebrand, Esq.,—[Burma]	Ditto.
120	Lieut.-Colonel James Walker, late 2nd P V Rifles—[Europe]	Ditto.
121	James McFerran, Esq.—[Europe]	17th Nov. 1888.
122	Ramkrishna Gopal Bhandarkar—[Bombay]	1st Jan. 1889.
123	Surgeon-Major John Findlay, M B—[Europe]	Ditto.
124	Arthur Wallis Paul, Esq., late I C S—[Europe]	Ditto.
125	Rayner Childe Barker, Esq., Telegraph Department—[Sind]	10th April 1889.
126	Lieut.-Colonel Charles Henry Ellison Adamson, I S C, Retired—[Europe]	24th May 1889.
127	Brigade-Surgeon-Lieutenant-Colonel Isidore Bernadotte Lyon, I M S, Retired—[Europe]	Ditto.
128	John Walker Buyers, Esq., M I C E, Retired—[Europe]	Ditto.

No.	Members.	Date of Appointment.
	COMPANIONS—contd.	
129	Sardar Bhagat Singh, of Kapurthala—[Punjab]	1st Jan. 1890.
130	Colonel William Merriman, R E, Retired—[Europe]	Ditto.
131	General William Percival Tomkins, R E—[Europe]	Ditto.
132	Colonel William Arthur James Wallace, R E, Retired—[Europe].	Ditto.
133	Berthold Ribbentrop, Esq.—[India]	Ditto.
134	Langton Prendergast Walsh, Esq.—[Bombay]	Ditto.
135	Henry Paul Todd-Naylor, Esq., I C S—[Burma]	Ditto.
136	James Robert Reid, Esq., late I C S—[Europe]	Ditto.
137	Raja Partab Narayan Singh Deo Bahadur, of Jashpur, Chutia-Nagpur [Bengal]	20th May 1890.
138	Colonel Samuel Swinton Jacob, I S C—[Rajputana]	Ditto.
139	Raja Pandit Suraj Kaul—[Punjab]	Ditto.
140	The Hon'ble Mr. John David Rees, I C S—[Madras—on leave]	Ditto.
141	Khan Bahadur Shaikh Hafiz Abdul Karim, of Meerut—[N W P]	Ditto.
142	Robert Turnbull, Esq., of Calcutta—[Bengal]	Ditto.
143	Honorary Colonel James Buckingham, late Assam Valley Administrative Battalion—[Assam]	Ditto.
144	Jeremiah Garnett Horsfall, Esq., late I C S—[Europe]	Ditto.
145	James George Henry Glass, Esq.,—[China]	Ditto.
146	Edmund Neel, Esq.—[Europe]	Ditto.
147	Captain George Lindsay Holford, M V O, 1st Life Guards—[Europe]	Ditto.
148	Major-General Louis Henry Emile Tucker, B G L I—[India]	1st Jan. 1891.
149	Raja Jagmohan Singh, Talukdar of Atra Chandapur, Rae Bareli—[Oudh]	Ditto.
150	Theodore Cooke, Esq., M I C E, (Dub.)—[Europe]	Ditto.
151	Brigade-Surgeon Thomas Edwin Burton Brown, M D, I M S, Retired—[Europe]	Ditto.
152	James Edward O'Conor, Esq., M S S, M I S I—[India]	Ditto.
153	Walter Roper Lawrence, Esq., late I C S—[India]	Ditto.
154	Colonel Thomas Holbein Hendley, I M S—[Bengal]	Ditto.
155	William Watt Daly, Esq.—[Europe]	Ditto.
156	Charles Stewart Murray, Esq.—[Bengal]	Ditto.
157	Ernest Octavius Walker, Esq.—[Ceylon]	Ditto.
158	John Prescott Hewett, Esq., I C S—[India]	30th May 1891.
159	Rao Bahadur Kanti Chandar Mukharji, of Jaipur—[Rajputana]	Ditto.
160	Wilhelm Schlich, Esq., Ph. D—[Europe]	Ditto.
161	Maharaja Mahendra Mahendra Singh, of Bhadawar—[N W P]	Ditto.
162	Captain Francis Edward Younghusband, I S C—[India]	Ditto.
163	Vincent Robinson, Esq.—[Europe]	Ditto.
164	Mancherji Kavasji Murzban, Khan Bahadur, F R I B A, A M I C E—[Bombay]	Ditto.
165	Frederick Clendon Daukes, Esq., late I C S—[Europe]	1st Jan. 1892.
166	Lieut.-Colonel Henry Percy Poingdestre Leigh, I S C—[Punjab].	Ditto.
167	Maharaja Gode Narayana Gajapati Rao, of Vizagapatam—[Madras]	Ditto.
168	Herbert Hope Risley, Esq., I C S—[Bengal]	Ditto.
169	Muhammad Abdulla Khan Bahadur, Isakhel, Bannu—[Punjab].	Ditto.
170	Joseph Bampfylde Fuller, Esq., I C S—[Central Provinces]	Ditto.
171	Herbert Thirkell White, Esq., I C S—[Burma]	Ditto.
172	William Turner Thiselton-Dyer, Esq., C M G, F R S—[Europe]	25th May 1892.
173	Colonel John Walter Ottley, R E, Retired—[Europe]	Ditto.
174	Frederick Ewart Robertson, Esq., C E, Cairo—[Egypt]	Ditto.
175	Romesh Chunder Dutt, Esq., late I C S—[Europe]	Ditto.
176	Arthur John Hughes, Esq., C E, Retired—[Calcutta, Bengal]	Ditto.
177	Captain Hugh Daly, I S C—[India]	Ditto.
178	James George Scott, Esq.—[Burma]	Ditto.
179	George Pringle Rose, Esq., C E—[Hyderabad, Deccan]	Ditto.
180	Khan Bahadur Kadirdad Khan Gul Khan—[Sindh]	Ditto.
181	Diwan Ganpat Rai—[Baluchistan]	Ditto.
182	The Hon'ble Mr. William Benjamin Oldham, I C S—[Bengal]	3rd Jan. 1893.
183	Maharaja Harballabh Narayan Singh Bahadur, of Sonbarsa—[Bengal]	Ditto.
184	Colonel Kenneth James Loch Mackenzie, late I S C—[Europe].	Ditto.
185	Colonel William Gordon Cumming, R E, Retired—[Europe]	Ditto.
186	Major-General George Frederick Leycester Marshall, R E, Retired—[India]	Ditto.
187	Sardar Bahadur Jagat Singh of Kalalwala, late Subadar-Major 29th Punjab Infantry—[Punjab]	Ditto.
188	Edward Horace Man, Esq.—[Port Blair]	Ditto.
189	Naoroji Manekji Wadia—[Bombay]	Ditto.

No.	Members.	Date of Appointment.
	COMPANIONS—contd.	
190	Captain Alexander Campbell, *D S O*, R I M—[Europe]	3rd June 1893.
191	Rao Sahib Thakur Bahadur Singh, of Masuda, Ajmer [Rajputana]	Ditto.
192	Shaikh Baha-ud-din, Nawab-i-Am, of Junagadh—[Bombay]	Ditto.
193	Veterinary-Lieutenant-Colonel James Herbert Brockencote Hallen, I V D, Edin, Retired—[Europe]	Ditto.
194	Brigade-Surgeon-Lieutenant-Colonel David Douglas Cunningham, M B, F R S, I M S, Retired—[Bengal]	Ditto.
195	Honorary-Colonel Alexander Milne, late Surma Valley Light Horse Volunteers, Silchar, Retired—[Europe]	Ditto.
196	Bertram Sausmarez Carey, Esq.—[Burma]	Ditto.
197	Diwan Bahadur S. Srinivasa Raghaba Aiyangar, B A—[Madras]	Ditto.
198	Colonel George Lloyd Reilly Richardson, C.B., I S C—[Punjab]	5th Aug. 1893.
199	The Hon'ble Phirozshah Merwanji Mehta, M A, Barrister-at-Law—[Bombay]	1st Jan. 1894.
200	Paul Gregory Melitus, Esq., I C S—[Assam]	Ditto.
201	The Hon'ble Lieutenant-Colonel Sir George Montgomerie John Moore, Kt., R A, Retired—[Madras]	Ditto.
202	Lieutenant-Colonel Ernest Harrold Fenn, R A M C—[India]	Ditto.
203	Lieutenant-Colonel Richard Carnac Temple, I S C—[Port Blair]	Ditto.
204	Lieutenant-Colonel John William Hogge, I S C—[Punjab]	Ditto.
205	Edward Claudius Scotney George, Esq., I C S—[Burma]	Ditto.
206	Robert William Edward Hampe Vincent, Esq.—[Bombay]	Ditto.
207	Captain Arthur Henry McMahon, C S I, I S C—[Malakand]	Ditto.
208	Captain John Manners Smith, V C, I S C—[Gilgit]	Ditto.
209	John Stuart Donald, Esq.—[Punjab]	Ditto.
210	His Highness Mir Muhammad Hasan Ali Khan, Talpur—[Sind, Bombay]	26th May 1894.
211	Colonel Frank William Chatterton, B G L I—[Europe]	Ditto.
212	George Abraham Grierson, Esq., I C S—[Bengal]	Ditto.
213	Francis Joseph Edward Spring, Esq., I C E—[Madras]	Ditto.
214	Thomas Blaney, Esq.—[Bombay]	Ditto.
215	Graham Anderson, Esq.—[Mysore]	Ditto.
216	Rao Bahadur Sriram Bhikaji Jatar, B A—[Berar]	Ditto.
217	The Hon'ble Mr. Fazulbhai Vishram—[Bombay]	1st Jan. 1895.
218	Colonel Henry Sullivan Jarrett, I S C—[Europe]	Ditto.
219	Colonel Henry Bristow Sanderson, I S C—[Europe]	Ditto.
220	Rao Bahadur Diwan Jujhar Singh Ju Deo, of Charkhari—[Central India]	Ditto.
221	The Hon'ble Rai Bahadur Durgagati Banerji, of Calcutta—[Bengal]	Ditto.
222	Arthur Crommelin Hankin, Esq.—[Hyderabad, Deccan]	Ditto.
223	Adam Gillies Tytler, Esq.—[Bengal]	Ditto.
224	Vety.-Captain Joshua Arthur Nunn, *D S O*, F R C V S—[Punjab]	Ditto.
225	Khan Bahadur Hakk Nawaz Khan, Saddozai—[Punjab]	Ditto.
226	Gangadhar Rao Madhav Chitnavis—[Central Provinces]	25th May 1895.
227	The Hon'ble Diwan Bahadur Venbakam Bashyam Aiyangar—[Madras]	Ditto.
228	The Hon'ble Mr. Charles Edward Buckland, I C S—[Bengal]	Ditto.
229	Alexander Bleakley Patterson, Esq., late I C S	Ditto.
230	Harry Arbuthnot Acworth, Esq., late I C S—[Europe]	Ditto.
231	Colonel Charles Arkcoll Porteous, I S C—[Europe]	Ditto.
232	Colonel Clayton Turner Lane, I S C, Retired—[Europe]	Ditto.
233	The Hon'ble Hkun Saing, Sawbwa of Hsi Paw—[Burma]	Ditto.
234	Steyning William Edgerley, Esq., I C S—[Bombay]	Ditto.
235	Trichinopoly Rayalu Arakiaswami Thumboo Chetty—[Mysore]	Ditto.
236	Khan Bahadur Maulavi Abdul Jabbar—[Bengal]	Ditto.
237	Major William Richard Yeilding, *D S O*, I S C—[Kashmir]	Ditto.
238	Henry John Stanyon, Esq., (Barrrister-at-Law)—[Central Provinces]	Ditto.
239	Munshi Hafiz Abdul Karim, C V O, Indian Secretary to Her Majesty the Queen-Empress of India—[Europe]	Ditto.
240	Sir Patrick Playfair, Kt.—[Bengal]	1st Jan. 1896.
241	Rana Dalip Singh, Chief of Baghat—[Punjab]	Ditto.
242	Frederick John Johnstone, Esq.—[Europe]	Ditto.
243	Colonel Richmond Irvine Crawford, I S C—[Europe]	Ditto.
244	Richard Morris Dane, Esq., I C S—[India]	Ditto.
245	Lieutenant-Colonel Samuel Haslett Browne, M D, I M S—[Punjab]	Ditto.
246	Doctor Rash Behari Ghosh, of Calcutta—[Bengal]	Ditto.
247	Frank Henry Cook, Esq.—[Europe]	Ditto.

No.	Members.	Date of Appointment.
	COMPANIONS—contd.	
248	Francis Erskine Dempster, Esq.—[India]	1st Janv. 1896.
249	Henry O'Connel Cardozo, Esq.—[Madras]	20th May 1896.
250	Colonel Benjamin Franklin, I M S—[Punjab]	Ditto.
251	Thomas Higham, Esq., M I C E—[India]	Ditto
252	Major John Shakespear, *D S O*—[Assam]	Ditto.
253	Sardar Ratan Singh, of Jind—[Punjab]	Ditto.
254	Raja Bhup Indra Bikram Singh, of Piagpur, Bahraich—[Oudh]	Ditto.
255	Honorary Lieutenant-Colonel James John McLeod, V D, Behar Light Horse, and an Honorary A D C to the Lieutenant-Governor of Bengal	Ditto.
256	Captain Norman Franks, Indore—[Central India]	Ditto.
257	The Hon'ble Rao Bahadur Chunilal Venilal—[Bombay]	Ditto.
258	The Hon'ble Lieutenant-Colonel William Earnshaw Cooper, of Cawnpore—[N-W P]	1st Jan. 1897.
259	Alexander Anderson, Esq., I C S—[Punjab]	Ditto.
260	John Eliot, Esq., F R S—[India]	Ditto.
261	The Hon'ble Sankara Subbaiyar, of Travancore—[Madras] ...	Ditto.
262	Lieutenant Eaton Wallace Petley, R N, Retired—[Bengal] ...	Ditto.
263	Rai Bahadur Pandit Bhag Ram—[Kashmir]	Ditto.
264	Khan Bahadur Naoroji Pestanji Vakil, of Ahmadabad—[Bombay]	Ditto.
265	The Hon'ble Rai Bahadur Panappakkam Ananda Charlu Vidia Vinodha Avargal—[Madras]	22nd June 1897.
266	Colonel Russell Richard Pulford, R E—[N W P]	Ditto.
267	Colonel Algernon George Arnold Durand, C S I, I S C—[Europe] ...	Ditto.
268	Benjamin Traill Finch, Esq.—[Europe]	Ditto.
269	Frederick Shore Bullock, Esq., late I C S	Ditto.
270	Charles Henry Reynolds, Esq., M I C E, Retired—[Europe] ...	Ditto.
271	Colonel Beauchamp Duff, I S C—[Europe]	Ditto.
272	Lieutenant-Colonel Robert Alexander Wahab, R E—[Punjab] ...	Ditto.
273	Nawab Afsar-i-Jang Afsar-ud-daula Bahadur Major Muhammad Ali Beg—[Hyderabad, Deccan]	Ditto.
274	Edwin Darlington, Esq.—[Europe]	Ditto.
275	James Strachan, Esq., M I C E, of Karachi—[Europe]	Ditto.
276	Purna Narasingharao Krishna Murti—[Mysore]	Ditto.
277	The Rev. John Husband, F R C S (E), of Ajmere—[Rajputana] ...	Ditto.
278	Dr. Waldemar Mordecai Haffkine—[India]	Ditto.
279	Augustus Frederick Rudolf Hœrnle, Esq., PH. D., Calcutta—[Bengal]	Ditto.
280	Rustamji Dhanjibhai Mehta, Esq., of Calcutta—[Bengal] ...	Ditto.
281	Charles Godolphin William Hastings, Esq.—[Punjab]	Ditto.
282	Khan Bahadur Mancherji Rustamji Dhoin, of Aden—[Bombay] ...	Ditto.
283	Honorary Commander Arthur Whatley Chitty, late I N—[Europe]	Ditto.
284	Rai Bahadur Daulat Ram, of Jalandhar—[Punjab]	Ditto.
285	Colonel John Charles Frederick Gordon, I S C—[Residing out of India]	31st July 1897.
286	Major Francis Henry Rutherford Drummond, I S C—[Central India]	Ditto.
287	Risaldar-Major Baha-ud-din Khan, Sardar Bahadur, 1st C I Horse—[Central India]	Ditto.
288	Charles Stewart Crole, Esq., late I C S—[Europe]	1st Jan. 1898.
289	The Hon'ble Sahibzada Muhammad Bakhtiyar Shah—[Bengal] ...	Ditto.
290	The Hon'ble Raja Balwant Singh, of Awa, Etah—[N-W P] ...	Ditto.
291	Benjamin Robertson, Esq., I C S—[Central Provinces]	Ditto.
292	Duncan James Macpherson, Esq., I C S—[Bengal]	Ditto.
293	James Campbell Arbuthnott, Esq., I C S—[Assam]	Ditto.
294	Robert Warrand Carlyle, Esq., I C S—[Bengal]	Ditto.
295	Henry Cecil Ferard, Esq., I C S—[N-W P]	Ditto.
296	Captain John Ramsay, I S C—[Baluchistan]	Ditto.
297	Robert Batson Joyner, Esq., M I C E, Retired—[Europe]	Ditto.
298	Charles George Palmer, Esq., M I C E—[N-W P]	Ditto.
299	Lieutenant-Colonel Samuel John Thomson, I M S—[Oudh] ...	Ditto.
300	Lieutenant-Colonel David Parkes Masson, V D, 1st Punjab Volunteer Rifles—[Punjab]	Ditto.
301	Lieutenant-Colonel Frederick Fitzgerald MacCartie, M.B., I M S—[Bombay]	Ditto.
302	Rai Bahadur Bipin Krishna Bose—[Central Provinces]	Ditto.
303	Virchand Dipchand, of Ahmadabad—[Bombay]	Ditto.
304	The Hon'ble Mr. Alexander Pennycuick—[Burma]	21st May 1898.

No.	Members.	Date of Appointment.
	COMPANIONS—concld.	
305	The Hon'ble Mr. Philip Chicheley Hyde Snow, I C S—[Bombay]	21st May 1898.
306	Colonel Arthur Mudge Branfoot, M.B., I M S—[Burma]	Ditto
307	Edward Fountaine Jacob, Esq., A M I C E—[N-W P]	Ditto.
308	Lieutenant-Colonel Robert Irvin Scallon, Esq., *D S O*, I S C—[Baluchistan]	Ditto.
309	Honorary Captain Kunwar Bir Bikram Singh, of Sirmur—[Punjab]	Ditto.
310	Lieut. Alfred Beckett Minchin, I S C—[Baluchistan]	Ditto.
311	William Taylor Van Someren, Esq.—[Kashmir]	Ditto.
312	Charles Still, Esq., of Champaran—[Bengal]	Ditto.
313	Tahilram Khemchand, of Karachi—[Sind]	Ditto.
314	Babu Joy Gobind Law, of Calcutta—[Bengal]	31st Dec. 1898.
315	Lieutenant-Colonel Henry Kellock McKay, I M S—[Central Provinces]	Ditto.
316	John Sime, Esq.—[Punjab]	Ditto.
317	Alexander Izat, Esq., M I C E—[N-W P]	Ditto.
318	Rai Bahadur Thakur Mangal Singh, of Garhi, Alwar—[Rajputana]	Ditto.
319	Rai Bahadur Dhanpat Rai, Sardar Bahadur, of Jaipur—[Rajputana]	Ditto.
320	Khan Bahadur Dhanjibhai Fakirji Commodore, of Rawalpindi—[Punjab]	Ditto.
321	Major Winthropp Benjamin Browning, I M S—[Madras] ...	Ditto.
322	Major John Joseph Holdsworth, Gorakhpur Vol. Light Horse—[N-W P]	Ditto.
323	Francis Jack Needham, Esq.—[Assam]	Ditto.
324	Edalji Dinsha, of Karachi—[Sind]	Ditto.
325	Robert Giles, Esq.—[Sind]	3rd June 1899.
326	Frederick Augustus Nicholson, Esq., I C S—[Madras]	Ditto.
327	Vishwanath Patankar Madhava Rao—[Mysore]	Ditto.
328	Henry Blois Hawkins Turner, Esq.—[Europe]	Ditto.
329	Lieutenant-Colonel Walter Gawan King, M B., I M S—[Madras].	Ditto.
330	James Sykes Gamble, Esq.,—[N-W P]	Ditto.
331	Khan Bahadur Kharsedji Rustamji Thanawala—[Central India]	Ditto.
332	George William Forrest, Esq.—[India]	Ditto.
333	Captain Frank Popham Young, I C S—[Punjab]	Ditto.
334	Reginald Hawkins Groenstreet, Esq.—[Burma]	Ditto.
335	Khan Bahadur Kazi Jalal-ud-din, Akhundzada, of Kandahar—[Baluchistan]	Ditto.
336	Charles Leslie Sutherland, Esq.—[Europe]	Ditto.
337	John Sturrock, Esq., I C S, Retired—[Europe]	1st Jan. 1900.
338	John Stuart Beresford, Esq., M I C E [Retired]	Ditto.
339	Lieutenant-Colonel Malcolm John Meade, I S C—[On furlough] ..	Ditto.
340	Edward Louis Cappell, Esq., I C S—[Bombay]	Ditto.
341	Lancelot Hare, Esq., I C S—[Bengal]	Ditto.
342	Captain George Olof-Roos-Keppel, I S C—[Punjab]	Ditto.
343	George Moss Harriott, Esq., A M I C E—[Central Provinces—on furlough]	Ditto.
344	Alexander Martin Lindsay, Esq., of Calcutta—[Bengal] ...	Ditto.
345	Maung On Gaing, A T M—[Burma]	Ditto.
346	Khan Bahadur Muhammad Yakub Walad Shaikh Ismail—[Bombay]	Ditto.
347	Frederick George Brunton Trevor, Esq.—[Europe]	Ditto.
348	Francis Whitmore Smith, Esq.—[Europe]	Ditto.
349	Rai Bahadur Kalika Das Datta—[Bengal]	Ditto.
350	The Hon'ble Diwan Bahadur Pakam Rajaratna Mudaliyar, F C S—[Madras]	23rd May 1900.
351	The Hon'ble Mr. Walter Charleton Hughes, F R C, M I C E—[Bombay]	Ditto.
352	Colonel Sydney Long Jacob, R E—[Punjab]	Ditto.
353	Lieutenant-Colonel Aylmer Martin Crofts, I M S—[Central India]	Ditto.
354	Edmund Penny, Esq., M I C E—[Central Provinces—on furlough]	Ditto.
355	Henry Marsh, Esq., M I C E—[N-W P and Oudh]	Ditto.
356	Captain Bertrand Evelyn Mellish Gurdon, *D S O*, I S C—[Chitral]	Ditto.
357	George Macartney, Esq.—[Kashmir]	Ditto.
358	Rai Bahadur Kailash Chandra Bose, L M S—[Bengal]	Ditto.
359	Henry Felix Hertz, Esq.—[Burma]	Ditto.

List of Musulmans in the Madras Presidency on whom the titles of "Khan Bahadur" and "Khan Sahib" have been conferred by the British Government.

No.	Name.	Year of Grant.	Residence.	Official form of address.	Remarks.
	Khan Bahadurs.				
1	'Abd-al-Ali	1876 ...	Madras ...	'Abdul Ali, Khan Bahadur...	Son of Muazzaz-ud-daula, late brother of the Third Prince of Arcot.
2	'Abd-ul-vasa	1875 ...	Do. ...	'Abd-ul-vasa, Khan Bahadur	Son-in-law of Prince Zahir-ud-daula, Second Prince of Arcot.
3	Ahmad Muhi-ud-din ...	1875 ...	Do. ...	Ahmad Muhi-ud-din, Khan Bahadur.	Do. do.
4	Bashir Ahmad	1887 ...	Do. ...	Bashir Ahmad, Khan Bahadur	Son-in-law of the Third Prince of Arcot.
5	Nawab Ghulam Muhammad Ghaus.	1876 ...	Do. ...	Nawab Ghulam Muhamad Ghaus, Khan Bahadur.	Son of Muazzaz-ud-daula, late brother of the Third Prince of Arcot.
6	Ghulam Muhammad Haidar	1887 ...	Karur ...	Ghulam Muhammad Haidar Khan Bahadur ...	Inspector of Police.
7	Ghulam Muhammad Hasan 'Ali.	1883 ...	Madras ...	The Honorable Ghulam Muhammad Hasan 'Ali, Khan Bahadur.	Son of Sardar Jang Bahadur.
8	Ghulam Muhi-ud-din ...	1885 ...	Tanjore ...	Ghulam Muhi-ud-din, Khan Bahadur	Station Master.
9	Hafiz 'Ali Mazhar	1888 ...	Madras ...	Hafiz 'Ali Mazhar, Khan Bahadur	Son-in-law of the Third Prince of Arcot.
10	Haji Zuhur-ud-din Ahmad..	1876 ..	Do. ...	Haji Zuhur-ud-din, Ahmad, Khan Bahadur ...	Son-in-law of Nawab Ghausia Begum.
11	Manjeri Ahmad Gurikal ...	1879 ...	Malabar ...	Manjeri Ahmad Gurikal, Khan Bahadur ...	Late Inspector of Police.
12	Muhammad 'Abd-al Ali ...	1876 ...	Madras ...	Muhammad 'Abd-al-Ali, Khan Bahadur ...	Son of Rashid-ud-daula, Shadi half-brother of the First Prince of Arcot.
13	Muhammad Abd-ul-bari ...	1876 ...	Do. ...	Muhammad Abd-ul-bari, Khan Bahadur ...	Grandson of do.
14	Muhammad Anvar-ud-din...	1876 ...	Do. ...	Muhammad Anvar-ud-din, Khan Bahadur ...	Son of do.
15	Muhammad Fazl-ullah ...	1875 ...	Do. ...	Muhammad Fazl-ullah, Khan Bahadur ...	Son of Prince Zahir-ud-daula, Second Prince of Arcot.
16	Muhammad Hamid... ...	1883 ...	Do. ...	Muhammad Hamid, Khan Bahadur ...	Son of the late Nawab Ahmad-un-nisa Begum, daughter of Azim-un-nisa Begum, daughter of Nawab Azim-ud-daul.
17	Muhammad Ibad-ulla ...	1875 ...	Do. ...	Muhammad Ibad-ulla, Khan Bahadur ...	Son of Prince Zahir-ud-daula, Second Prince of Arcot.
18	Muhammad Karamat-ullah..	1875 ..	Do. ...	Muhammad Karamat-ullah, Khan Bahadur ...	Do. do. do.
19	Muhammad Mahmud ...	1883 ..	Do. ...	Muhammad Mahmud, Khan Bahadur ...	Son of the late Nawab Ahmad-un-nisa Begum, daughter of Azim-un-nisa Begum, daughter of Nawab Azim-ud-daula.
20	Muhammad Munavar ...	1876 ...	Do. ...	Prince Sir Muhammad Munavar, Khan Bahadur, K.C.I.E.	Son of Muazzaz-ud-daula, late brother of the Third Prince of Arcot.

List of Musulmans in the Madras Presidency on whom the titles of "Khan Bahadur" and "Khan Sahib" have been conferred by the British Government—concld.

No.	Name.	Year of Grant.	Residence.	Official form of address.	Remarks.
21	Muhammad Qudrat 'Aziz ..	1875 ...	Madras ...	Muhammad Qudrat'Aziz, Khan Bahadur ...	Son-in-law of Prince Zahir-ud-daula, Second Prince of Arcot.
22	Muhammad Rahmat-ullah ...	1875 ...	Do. ...	Muhammad Rahmatullah, Khan Bahadur ...	Son of Prince Zahir-ud-daula, Second Prince of Arcot.
23	Tajammul Husain	1887 ...	Do. ...	Tajammul Husain, Khan Bahadur	Son-in-law of the Third Prince of Arcot.
24	Mirza Muhammad Ismail ...	1890 ...	Do. ...	Mirza Muhammad Ismail, Khan Bahadur ...	Late Agent to Her Highness Begum Sahiba, widow of the late Nawab of the Carnatic.
25	Muhammad Qadir Nawaz ...	1891 ...	Mannárgudi	Muhammad Qadir Nawaz, Khan Bahadur ...	Deputy Collector.
26	Vellore Muhammad Sharif ...	1891 ...	Madras ...	V. Muhammad Sharif, Khan Bahadur ...	Municipal Commissioner, Madras.
27	Abd-us-Subhan	1891 ...	Madura ...	Abd-us-Subhan, Khan Bahadur	Inspector of Police.
28	Muhammad Abd-us-Samad.	1892 ...	Madras ...	Hafiz Muhammad Abd-us-Samad, Khan Bahadur.	Grandson-in-law of the 2nd Prince of Arcot.
29	Abubaqr Beari	1893 ..	Mangalore..	Haji Abubaqr Beari, Khan Bahadur	Merchant.
30	Ghulam Muhammad Ali ...	1897 ...	Madras ...	Ghulam Muhammad Ali, Khan Bahadur ...	Son of Prince Md. Munawar Khan Bahadur.
31	Muhammad Anwar ...	1897 ...	Do. ...	Muhammad Anwar, Khan Bahadur	Do. do.
32	Abd-ul-Majid ...	1897 ...	Do. ...	Abd-ul-Majid, Khan Bahadur	Do. do.
33	Ghulam Muhi-ud-din ...	1897 ...	Do. ...	Ghulam Muhi-ud-din, Khan Bahadur	Do. do.
34	Ghulam Raza	1897 ...	Do. ...	Ghulam Raza, Khan Bahadur	Superintendent of Post Offices.
35	Saiyad Muhammad ...	1897 ...	Do. ...	Nawab Saiyad Muhammad Sahib.	
	Khan Sahibs.				
36	Said Husain	1888 ..	Madras ..	Said Husain Khan Sahib	Government Pensioner.
37	Lal Beg...	1893 ...	Russellkonda	Lal Beg, Khan Sahib	Pensioned Sub-Magistrate.
38	Ghulam Mahmud ...	1897 ...	Madras ...	Khan Sahib	Manager, Surgeon-General's Office, Madras.

Musulmans holding personal titles of honour by Grant from the titular Nawabs of the Carnatic.

No.	Name.	Date of birth.	Residence.	Official form of address.	Remarks.
	Nawab.				
1	Gausiah Begum	1822 ...	Madras ...	Nawab Ghausiah Begum	Relative.
2	Khair-un-nisa Begum ...	1834 ...	Do. ...	H. H. Nawab Khair-un-nisa Begum	Shadi widow of the last Nawab of the Carnatic.

108

Musulmans holding titles of honour by Grant from the titular Nawabs of the Carnatic—concld.

No.	Name.	Date of birth.	Residence.	Official form of address.	Remarks.
3	Khurshid-un-nisa Begum ...	1843 ...	Madras ...	Nawab Khurshid-un-nisa Begum	Shadi widow of Muazziz-ud-daula Bahadur.
4	Rahmat-un-nisa Begum ...	1865 ...	Do. ...	Nawab Rahmat-un-nisa Begum (Princess of Arcot)	Nikah wife of Prince Muhammad Munawar Khan Bahadur.
	——UL-MULK.				
5	'Ali Ahmad	1816	Madras ...	'Ali Ahmad, Khan Bahadur, Iqtidar Jang, Afsar-ud-daulah, Rafat-ul-mulk.	Relative.
	——UD-DAULAH.				
6	Haji Ghulam Muhammad ...	1830 ...	Madras ...	Haji Ghulam Muhammad, Khan Bahadur, Ghalib Jang, Sharf-ud-daulah.	Servant.
7	Muhammad Sibghat-ullah ...	1829 ...	Do. ...	Nigarish Khan Bahadur, Ihtisham Jang, Ihtisham-ud-daulah ...	Do.
8	Sultan Muhi-ud-din	1829 ...	Do. ...	Ghulam Sultan Muhi-ud-din, Khan Bahadur, Intizam Jang, 'Aziz-ud-daulah.	Do.
	JANG.				
9	Ghulam Nabi 'Ali ...	1827 ...	Do. ...	Nasir Khan Bahadur, Nasir Jang	Relative.
10	Nizam-ud-din Ahmad ...	1825 ...	Do. ...	Nizam-ud-din Ahmad, Khan Bahadur, Munfiz Jang	Servant.
	KHAN BAHADUR.				
11	Muhammad 'Abd-ur-rahman.	1835 ...	Do. ...	Muhammad 'Abd-ur-rahman, Khan Bahadur	Relative.
12	Muhammad Zakir 'Ali ...	1825 ...	Do. ...	Mutamid, Khan Bahadur	Servant.
	KHAN.				
13	Aziz-ud-din	1850 ...	Madras ...	Aziz-ud-din Khan	Relative.
14	Ghulam Jilani	1834 ...	Do. ...	Ghulam Jilani Khan	Servant.
15	Mir Ghazanfar 'Ali ...	1825 ...	Do. ...	Mir Ghazanfar 'Ali Khan	Relative.
16	Mir Tipu Husain	1828 ...	Do. ...	Mir Tipu Husain Khan	Servant.
17	Qadir Husain	1841 ...	Do. ...	Qadir Husain Khan	Do.

WARRANT OF PRECEDENCE.

HOME DEPARTMENT NOTIFICATION, PUBLIC, *Calcutta, the 10th February* 1869, *No.* 828.

In supersession of Home Department Notification, No. 2062, dated the 1st November, 1877, 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 revised Graded List of Civil Officers not reserved for Members of the Indian 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.*

VICTORIA, 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:

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 18th day of October 1876, should be altered: We do therefore hereby declare that it is Our will and pleasure that in lieu of the table laid down in our said recited Warrant the following table be henceforth observed with respect to the rank and precedence of the persons hereinafter named, viz.:—

1. Governor-General and Viceroy of India.
2. Governors of Madras and Bombay.
3. President of the Council of the Governor-General.
4. Lieutenant-Governor when in his own territories.
5. Commander-in-Chief in India.
6. Lieutenant-Governor.
7. Chief Justice of Bengal.
8. Bishop of Calcutta, Metropolitan of India.
9. Ordinary Members of the Council of the Governor-General.
10. Commander-in-Chief of Her Majesty's Naval Forces in the East Indies.
11. Chief Justice of a High Court other than that of Bengal.
12. Bishops of Madras and Bombay.
13. Ordinary Members of Council in Madras and Bombay.
14. Lieutenant-Generals Commanding the Forces, Punjab, Bengal, Madras and Bombay.
15. Chief Commissioners of the Central Provinces and Assam, Residents at Hyderabad and in Mysore, and Agents to the Governor-General in Rajputana, Central India and Baluchistan.
16. Puisne Judges of a High Court.
17. Chief Judge of a Chief Court.

FIRST CLASS.

29. Members of the Indian Civil Service of 30 years' standing.
30. Advocate-General, Calcutta.
31. Comptroller and Auditor-General.
32. Commissioners of Division, the Superintendent of Port Blair, and Residents, Political Agents, and Superintendents, drawing Rs. 2,000 a month and upwards (not being Collectors or Deputy Commissioners of British Districts), within their respective charges.
33. Chief Secretaries to Local Governments, other than those of Madras and Bombay.
34. *(b)* Surveyor-General of India, Director-General of the Post Office, of Telegraphs in India and of Railways, Chief Engineers, first class, Accountants-General, Military and Public Works Departments, Director, Royal Indian Marine, and Manager, North-Western Railway.
35. Bishops (not territorial) under license from the Crown.
36. Archdeacons of Calcutta, Madras and Bombay.
37. Brigadiers-General.
38. Commissioners of Divisions.
39. Commissioner of Northern India Salt Revenue, and Opium Agents, Behares and Bihar.
40. Secretaries and Joint Secretaries to Local Governments, and Private Secretary to the Viceroy.

(*a*) Joint Secy. to Govt. of India, P. W. D.—(H. D. Notification, No. 1259, dated 15th June 1899).

(*b*) Directors of Railway Construction and Railway Traffic.—(H. D. Notification, No. 1259, dated 15th June 1899.)

SECOND CLASS.

41. Members of the Indian Civil Service of 23 years' standing, and Colonels.
42. Military Secretary to the Viceroy.
43. Judicial Commissioners of the Hyderabad Assigned Districts and Baluchistan, the Superintendent of Port Blair, and Residents, Political Agents, and Superintendents drawing Rs. 2,000 a month and upwards (not being Collectors or Deputy Commissioners of British Districts).
44. Inspector-General of Forests in India, and Director of the Geological Survey.
45. Standing Counsel to the Government of India.
46. Directors of Public Instruction, and Inspectors-General of Police and Prisons under Local Governments, and Accountants-General.
47. Survey Commissioner and Director of Land Records and Agriculture, Bombay; Commissioners of Settlements, and Controllers of Military Accounts.
48. Chief or Senior Civil Secretary to a Local Administration.
49. Chief Engineers, second and third classes, Deputy Surveyor-General, Deputy Director-General of Telegraphs in India, and Director-in-Chief, Indo-European Telegraph Department.
50. Divisional and 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.
51. Archdeacons of Lahore, Lucknow and Rangoon.
52. Deputy Secretaries to the Government of India.
53. The Senior Chaplains of the Church of Scotland in Bengal, Madras and Bombay.
54. Remembrancers of Legal Affairs and Government Advocates under Local Governments.
57. Officers in the First Class Graded List of Civil Offices not reserved for Members of the Indian Civil Service.

THIRD CLASS.

56. Members of the Indian Civil Service of 18 years' standing, and Lieutenant-Colonels.
57. The Deputy Director, Royal Indian Marine.
58. The Assistant Director, Royal Indian Marine.
59. Commanders and Inspectors of Machinery, Royal Indian Marine.
60. Political Agents and Superintendents drawing less than Rs. 2,000 a month (not being Collectors or Deputy Commissioners of British Districts) within their own charges.
61. Secretaries to Local Administrations other than those already specified.
62. Consulting Engineers to the Government of India for Railways.
63. Private Secretaries to Governors.
64. Military Secretaries to Governors.
65. Administrators-General.
66. Sanitary Commissioners under Local Governments, Postmasters-General, the Comptroller, Post Office, and Conservators of Forests, first grade.
67. Directors of Public Instruction and Inspectors-General of Police and Prisons under local Administrations and Comptrollers and Deputy Auditors-General.
68. Managers of State Railways other than the North-Western Railway, Chairman of the Port Trust, Bombay, and Chairman of the Port Trust, Calcutta.
69. Vice-Chairman of the Port Trust, Calcutta; Directors of Traffic and Construction, Indian Telegraph Department, Examiners of Accounts, Public Work Department, first class, Officers of the Superior Revenue Establishment of State Railways, first class, first grade, Superintending Engineers, Public Works Department, first class, and Superintendents of the Survey of India Department, first grade.
70. Inspectors-General of Registration and Directors of Land Records and Agriculture under Local Governments.
71. Senior Chaplains other than those already specified.
72. Sheriffs within their own charges.
73. Officers in the Second Class Graded List of Civil Offices not reserved for Members of the Indian Civil Service.

FOURTH CLASS.

74. Members of the Indian Civil Service of 12 years' standing, and Majors.
75. Lieutenants of over eight years' standing, and Chief Engineers of the Royal Indian Marine.
76. Government Solicitors.
77. Inspectors-General of Registration, Sanitary Commissioners, and Directors of Land Records and Agriculture under local Administrations.
78. Officers in the Third Class Graded List of Civil Offices not reserved for Members of the Indian Civil Service.

The entries in the above table apply exclusively to the persons entered therein, and while regulating their relative precedence with each other, do not apply to the non-official community resident in India, the Members of which shall take their place according to usage.

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 herein assigned to their respective husbands, with the exception of wives of Peers, and of ladies 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 of the Governor-General.

Given at our Court at Windsor this tenth day of December, in the year of Our Lord One thousand eight hundred and ninety-eight, and in the sixty-second year of our Reign.

By Her Majesty's Command,
(Signed) GEORGE HAMILTON.

2. Supplementary Graded List of Civil Offices not reserved for Members of the Indian Civil Service prepared under the orders of the Governor-General in Council.

*FIRST CLASS—(No. 55 of the Warrant).

Assay Master of the Mint, Calcutta and Bombay.
Chief Judges of Presidency Courts of Small Causes.
Commissioners of Police, Calcutta, Madras, Bombay and Rangoon.
Deputy-Comptroller-General.
Director-General of Statistics.
Director of the Botanical Survey of India.
Master of the Mint, Calcutta and Bombay.
Meteorological Reporter to the Government of India.
Superintendent of Revenue Survey, Madras.
Superintendent, Trigonometrical Surveys.

*SECOND CLASS—(No. 73 of the Warrant).

Adviser on Chinese Affairs in Burma.
Chief Collector of Customs, Burma.
Chief Presidency Magistrates.
Chief Superintendents of the Telegraph Department.
Collector of Customs and Salt Revenue, Sind.
Collectors and Magistrates of Districts, and Deputy Commissioners of Districts and of Settlements.
Conservators of Forests, 2nd and 3rd grades.
Deputy Accountants-General under Local Governments.
Deputy Inspectors-General of Police.
Deputy Superintendent of Port Blair.
Directors of the Persian Gulf Section, and of the Persian Section of the Indo-European Telegraph Department.
Divisional and District and Sessions Judges.
Examiners of Accounts, Public Works Department, 2nd and 3rd classes.
Government Astronomer, Madras.
Imperial Bacteriologist.
Inspector-General of Agriculture.
Inspector of Mines to the Government of India.
Officer in charge of the Records of the Government of India.
Officers of the Indian Educational Service and of the Graded Educational Service, drawing Rs. 1,250 a month and upwards.
Officers of the Superior Revenue Establishment of the State Railways, 1st class, 2nd and 3rd grades.
Principal of the Mayo College at Ajmere.
Principal of the Rajkumar College at Rajkot.
Reporter on Economic Products.
Superintendent of the Royal Botanical Gardens, Calcutta.
Superintendents, Geological Survey of India.
Superintendents of Revenue Survey and Assessment, Bombay.
Superintendents of the Survey of India Department, 2nd grade.
Superintending Engineers, Public Works Department, 2nd and 3rd classes.
Under-Secretaries to the Government of India.

THIRD CLASS—(Number 78 of the Warrant).

Agricultural Chemist.
Assistant Inspector-General of Forests.
Assistant Secretaries to the Government of India.
Collector of Stamp Revenue, Superintendent of Excise Revenue, and Deputy Collector of Land Revenue, Calcutta.
Commander of the Steamer employed in the Persian Gulf Section of the Indo-European Telegraph Department.
Deputy Collector of Salt Revenue, Bombay.
Deputy Commissioner of Northern India Salt Revenue.
Deputy Commissioners of Police, Calcutta and Bombay.
Deputy Commissioners of Salt, Abkari and Customs Department, Madras.
Deputy Conservators of Forests drawing Rs. 800 a month and upwards.

* The entries in each class are arranged in alphabetical order.

THIRD CLASS—*concld.*

Deputy Director of Land Records and Agriculture, Madras.
Deputy Director of the Imperial Forest School, Dehra Dun.
Deputy Directors of Revenue Settlements and Deputy Superintendents of Revenue Surveys, Madras.
Deputy Post Masters-General of the 1st grade.
Deputy Superintendents, Geological Survey of India.
Deputy Superintendents, Survey of India Department.
District Superintendents of Police drawing Rs. 800 a month and upwards.
Engineer and Electrician of the Persian Gulf Section of the Indo-European Telegraph Department.
Examiners of Accounts, Public Works Department, 4th class, 1st and 2nd grades.
Executive Engineers, Public Works Department, 1st and 2nd grades.
Inspector-General of Railway Mail Service.
Judge of the City Civil Court, Madras.
Judges of Presidency Courts of Small Causes, and First Judge of the Small Cause Court, Rangoon.
Officers of the Indian Educational Service and of the Graded Educational Service, drawing less than Rs. 1,250 a month, but more than Rs. 1,000 a month.
Officers of the Superior Revenue Establishments of the State Railways, 2nd class, 1st and 2nd grades.
Palæontologist, Geological Survey of India.
Presidency Magistrates.
Protector of Emigrants and Superintendent of Emigration, Calcutta.
Public Prosecutor in Sind.
Registrars to the High Courts and to the Chief Court, Punjab.
Sub-Deputy Opium Agents drawing Rs. 800 a month and upwards.
Superintendent of the Indian Museum.
Superintendent, Stamps and Stationery.
Superintendents, Telegraph Department, 1st and 2nd grades.

Under the Orders of Her Majesty's Secretary of State for India, the following table showing the relative rank of officers in the Army, Royal Navy and Royal Indian Marine is attached to the Warrant of Precedence for India, published with Home Department Notification, No. 328, dated the 10th February 1899:—

Lieutenant-Colonels..	(*a*) Captains under 3 years and officers of corresponding rank, Royal Navy.	
	(*b*) Deputy Director, Royal Indian Marine ...	But junior to all Lieutenant-Colonels.
	(*c*) Assistant do. do. ...	
	(*d*) Inspectors of Machinery, Royal Indian Marine ...	
	(*e*) Commanders, Royal Navy	
	(*f*) Commanders, Royal Indian Marine	
	(*g*) Staff-Commanders and officers of corresponding rank, Royal Navy	
Majors	(*h*) Lieutenants over 8 years' seniority and officers of corresponding rank, Royal Navy.	
	(*i*) Lieutenants, Royal Indian Marine, over 8 years' seniority.	But junior to all Majors.
	(*j*) Paymasters and Chief Engineers Royal Navy	
	(*k*) Chief Engineers, Royal Indian Marine ...	
Captains ...	(*l*) Lieutenants under 8 years and officers of corresponding rank, Royal Navy.	
	(*m*) Lieutenants, Royal Indian Marine, under 8 years' seniority.	But junior to all Army Captains.
	(*n*) Engineers, Royal Navy, under 6 years and Assistant Paymasters of 6 years' seniority	
	(*o*) Engineers, Royal Indian Marine	
Lieutenants.	(*p*) Sub-Lieutenants and officers of corresponding rank, Royal Navy.	
	(*q*) Sub-Lieutenants, Royal Indian Marine ... Assistant Engineers, Royal Indian Marine.	But junior to all Lieutenants.

OFFICIAL ORDER OF PRECEDENCE IN MADRAS.

2. Governor.
11. Chief Justice.
12. Bishop.
13. Ordinary Members of Council.
14. Lieutenant-General Commanding the Forces.
15. Resident in Mysore.
16. Puisne Judges.
18. Military Officers above the rank of Major-General.
24. Chief Secretary to Government.
25. Major-Generals.
Members of the Board of Revenue.
27. Additional Members of Council for making Laws and Regulations.
28. Vice-Chancellor, Madras University.

FIRST CLASS.

29. Members of the Indian Civil Service of 30 years' standing.
34. Chief Engineers, First Class.
35. Bishop (not territorial) under license from the Crown.
36. Archdeacon.
37. Brigadiers-General.
40. Secretaries and Joint-Secretaries to Government.

SECOND CLASS.

41. Members of the Indian Civil Service of twenty-three years' standing, and Colonels.
46. Director of Public Instruction.
Inspector-General of Police.
Inspector-General of Prisons.
Accountant-General.
47. Commissioner of Settlement.
Controller of Military Accounts.
49. Chief Engineers, Second and Third Classes.
50. District and Sessions Judges.
Collectors and Magistrates of Districts.
Chief Officer of the Presidency Municipality.
53. Presy. Senior Chaplain of the Church of Scotland.
54. Government Advocate.
55. Officers in the First Class Graded list of Civil Officers not reserved for Members of the Indian Civil Service.
Chief Judge of Presidency Court of Small Causes.
Commissioner of Police.
Superintendent of Revenue Survey.

THIRD CLASS.

56. Members of the Indian Civil Service of eighteen years' standing, and Lieutenant-Colonels.
59. Commanders, Royal Indian Marine.
63. Private Secretary to the Governor.
64. Military Secretary to the Governor.
65. Administrator-General.
66. Sanitary Commissioner.
67. Postmaster-General.
68. Conservators of Forests, First Grade.
69. Examiner of Accounts, Public Works Department, First Class.
Officers of the Superior Revenue Establishment of State Railways, First Class, First Grade.
Superintending Engineers, Public Works Department, First Class.
70. Inspectors-General of Registration.
Director of Land Records and Agriculture.
71. Senior Chaplains.
72. Sheriff.
73. Officers in the Second Class Graded List of Civil Officers not reserved for Members of the Indian Civil Service.
Chief Presidency Magistrate.
Chief Superintendent of Telegraph Department.
Collectors and Magistrates of Districts outside their charges.
Conservators of Forests, Second and Third Grade.
Deputy Accountant-General.
Deputy Inspectors-General of Police.
District and Sessions Judges outside their charges.
Examiner of Accounts, Public Works Dept., Second and Third Classes.
Government Astronomer.
Officers of the Indian Educational Service and of the Graded Educational Service drawing Rs. 1,250 a month and upwards.
Officers of the Superior Revenue Establishment of State Railways, First Class, Second and Third Grades.
Superintending Engineers, Public Works Department, Second and Third Classes.

FOURTH CLASS.

74. Members of the Indian Civil Service of twelve years' standing, and Majors
75. Lieutenants of the Royal Indian Marine of over eight years' standing.
76. Government Solicitor.
78. Officers in the Third Class Graded List of Civil Officers not reserved for Members of the Indian Civil Service.
Deputy Commissioners of Salt, Abkari and Customs Department.
Deputy Conservators of Forests drawing Rs. 800 a month and upwards.
Deputy Director of Land Records and Agriculture.
Deputy Directors of Revenue Settlement.
Deputy Superintendents of Revenue Survey.
District Superintendents of Police, drawing Rs. 800 a month and upwards.
Examiner of Accounts, Public Works Department, Fourth Class, First and Second Grades.
Executive Engineers, Public Works Department, First and Second Grades.
Judge of the City Civil Court.
Judges of Presidency Court of Small Causes.
Officers of the Indian Educational Service and of the Graded Educational Service drawing less than Rs. 1,250 a month but more than Rs. 1,000 a month.
Officers of the Superior Revenue Establishment of State Railways, Second Class, First and Second Grades.
Presidency Magistrates.
Registrar to the High Court.
Superintendent of the Govt. Central Indian Museum.
Superintendent of Stamps and Stationery
Superintendent, Telegraph Department, First and Second Grades.

For Rules see pages 130 and 131.

GOVERNMENT HOUSE

PRIVATE ENTRÉE LIST REVISED AND CORRECTED.

Military Secretary's Office, Government House, Guindy, 29th November 1899.

1. The Hon'ble the Chief Justice.
2. The Right Reverend the Bishop of Madras (with Domestic Chaplain in attendance).
3. Members of Council.
5. The Lieut.-General Commanding the Forces (with officers of Personal Staff in attendance).
6. The Prince of Arcot.
7. The Judges of the High Court.
12. The Chief Secretary to Government.*
13. The Surgeon-General with the Government of Madras.
13. The Principal Medical Officer, Madras.
15. Members of the Board of Revenue.*
19. Official Members of the Legislative Council.
19. Non-Official Members of the Legislative Council.
39. Vice-Chancellor of the Madras University.
40. The Ven'ble the Archdeacon of Madras.
41. The General Officer Commanding the Madras District.
41. The Deputy Adjutant-General, Madras Command.
41. The Colonel on the Staff, Royal Artillery.
44. The Secretaries and Joint Secretaries to Government.*
49. The Assistant Adjutant-General, Madras Command.
49. The Assistant Quartermaster-General, Madras Command.
49. The Inspector-General of Ordnance, Madras Command.
49. The Chief Engineer, Military Works Department, Madras Command.
49. The Controller of Military Accounts, Madras Command.
49. The Commissary-General, Madras Command.
49. The Superintendent, Army Clothing.
56. The Director of Public Instruction.*
57. The Inspector-General of Police.
58. The Inspector-General of Prisons.
59. The Accountant-General.
60. The Collectors of Madras and Chingleput.
62. The President of the Madras Municipality.
63. The Senior Chaplain of the Church of Scotland in the Presidency.
64. The Commissioner of Police.
64. The Deputy Judge Advocate-General, Madras Command.
66. The Supt. of Revenue Survey.
67. The Administrator-General.
68. The Sanitary Commissioner.
69. The Postmaster-General.
70. The Conservator of Forests, Central Circle.
71. The Inspector-General of Registration.*
72. The Inspecting Veterinary Officer, Madras Command.
73. The Sheriff of Madras.
74. The Presidency Port Officer.
75. The Officers of His Excellency the Governor's Body Guard.

Non-Official Gentlemen.

A. The Most Rev. Archbishop Colgan.

B 1.
B 2.
B 3.
B 4.
B 5.
B 6. The Foreign Consuls at Madras.
B 7.
B 8.
B 9.
B 10.
B 11.

C. Rajah Sir S. Ramasami Mudaliyar, *Kt.*, C.I.E.

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

His Highness the Maharajah of Travancore.
His Highness the Rajah of Cochin.
His Highness the Rajah of Pudukkottai.
The Nawab of Banganapalle.
The Rajah of Sandur.
The Maharajah of Jeypore, Vizagapatam.
The Rajah of Venkatagiri.
The Rajah of Kalahasti.
The Rajah of Pittapur.
The Rajah of Karvetnagar.
The Hon'ble the Rajah of Bobbili.
The Rajah of Ramnad.
The Zamorin of Calicut.
The Malayali Rajas of Malabar.

The Entrée cards granted in accordance with this list give admission to the holder's carriage through the Chepauk 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 Chepauk 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.

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

(By order.)

J. W. CURRIE, Major, *Mily. Secy. to H. E. the Governor.*

* When they have no seat on the Legislative Council.

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. The same rule holds good in the case of the Inspector-General of Cavalry.

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.	
Imperial Salute	101	From Saluting stations* within Indian territories and seas,† and on being fallen in with by or visiting any of Her Majesty's ships within those limits.
The Queen and Empress when present in person		
Royal Salute	31	The fixed days for firing Royal Salutes in Indian territories and seas are :—Birthday (as fixed annually by authority), 'Accession' (20th June), 'Coronation' (28th June) of Sovereign.
		Birthday of Consort of Sovereign.
Members of the Royal Family	31	1st of January of each year (Anniversary of the proclamation of Her Majesty's assumption of the title of 'Empress').
		When they fall on a Sunday, the Salute will be fired on the following day.
Royal Standard ...		When passing in a vessel.
Viceroy and Governor-General of India.	31	At any place within Indian territories where there is a Saluting station; and on visiting, embarking on, or disembarking from, any one of Her Majesty's ships within Indian waters; and on being fallen in with by any of Her Majesty's ships within Indian seas.
Independent Asiatic Sovereigns ...	21	
Other Foreign Sovereigns	21	
Members of their families and standards	21	
Ambassadors	19	At any place within Indian territories where there is a Saluting station; and on visiting, embarking on, or disembarking from, any one of Her Majesty's ships within the Indian waters.
Governors of Presidencies	17	
The President of the Council of India ...	17	
Governor-General of Portuguese Settlements in India	17	At any place where there is a Saluting station within 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 (*a*).*
Lieutenant-Governors of Provinces in India	15	

* By "Saluting stations," any place where guns suitable for saluting are mounted, or a Battery of artillery is quartered, is to be understood.

† 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 Maldive and Laccadive Islands and the Persian Gulf.

Persons.	No. of Guns.	
Field Marshals or Admirals of the Fleet	17	See note (*b*).
Commander-in-Chief in India	...	According to Military rank, with two guns added.
Provisional Commander-in-Chief ...	...	Do. do.
Commanders-in-Chief of Her Majesty's Naval Forces	...	According to Naval rank, with two guns added.
Generals and Admirals	15	See note (*b*).
Ordinary Members of the Council of the Governor-General	15	On occasions of official visits to any place within Indian territories where there is a Saluting station; and on visiting, embarking on, or disembarking from, any one of Her Majesty's ships within Indian waters, on due notice being given. Such salutes need not be fired unless asked for.
Ordinary Members of the Councils of the Governors of Madras and Bombay.	15	On occasions of official visits to any place where there is a Saluting station within their respective presidencies; and on visiting, embarking on, or disembarking from, any of Her Majesty's ships within the same limits, on due notice being given. Such salutes need not be fired unless asked for.
Plenipotentiaries and Envoys	15	See note (*c*).
Lieutenant-Governors of Her Majesty's Colonies	15	See note (*a*).
Lieutenant-Generals Commanding the Forces, Punjab, Bengal, Madras, and Bombay	13	With two guns added within the limits of their own Commands. This number not to be exceeded in any case, even in that of an officer of the rank of full General. See note (*b*).
Lieutenant-Generals and Vice-Admirals	13	Within Indian territories and seas. See note (*b*).
Agents to the Viceroy and Governor-General	13	See note (*a*).
Residents	13	See note (*a*).
Chief Commissioners of Provinces and the Commissioner of Sindh	13	See note (*a*).
Major-Generals and Rear-Admirals ...	11	See note (*b*).
Political Agents and Chargés d'Affaires.	11	See note (*c*).
Brigadier-Generals and Commodores of the first class	9	See note (*b*).
Consuls General	9	See note to Ambassadors.
The Portuguese Governor of Damaun... The Governor of Diu	9	At any place where there is a Saluting station, within the Indian territories and seas, and by Her Majesty's ships within these limits.
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*) Lieutenant-Governors of provinces in India, Agents to the Viceroy and Governor-General, Residents, Chief Commissioners of provinces, and the Commissioner of Sindh, shall be entitled to be saluted from the Saluting stations 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 charges.

Governors and Lieutenant-Governors of Her Majesty's colonies, when on duty in India, are entitled to be saluted as laid down above.

When Lieutenant-Governors of provinces in India 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.

(*b*) General and Flag officers are only entitled to a salute of guns when exercising actual command or when deputed on duty, and provided they are the senior officers on the spot.

The Inspectors-General of Cavalry and Artillery are, however, entitled to the salute of their rank at all stations which they may visit in the performance of their inspection duties, whether they are senior or junior to the Officer Commanding the Station.

(*c*) Plenipotentiaries or Envoys, Political Agents and Chargés d'Affaires, shall be entitled to be saluted from any place where there is a Saluting station 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.

(*d*) Salutes are also to be fired on the occasion of officials, entitled to salutes, assuming and relinquishing Governments, Charges or Commands.

(*e*) Personal salutes are not returned.

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

(*g*) When arranging salutes for foreign officials, or on the occasion of foreign anniversaries, festivals and ceremonies, the instructions contained in Queen's Regulations, Section III, should be carefully studied.

(*h*) All personal salutes are to be fired on the arrival and departure of the functionaries entitled to receive them.

The following is the table of salutes allowable to the Native Chiefs and Nobles of India, and certain Chiefs near Aden:—

Salutes of 21 *guns.*

Baroda. The Maharaja (Gaekwar) of—
Hyderabad. The Nizam of—
Mewar (Udaipur). The Maharana 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—
Travancore. The Maharaja of—

Salutes of 17 *guns.*

Bahawalpur. The Nawab of—
Bhartpore. The Maharaja of—
Bikanir. The Maharaja of—
Bundi. The Maharao Raja of—
Cochin. The Raja of—
Jaipur. The Maharaja of—
Karauli. The Maharaja of—
Kota. The Maharao of—
Kutch. The Rao of—
Marwar (Jodhpur). The Maharaja of—
Patiala. The Maharaja of—
Rewah. The Maharaja of—
Tonk. The Nawab of—

Salutes of 15 *guns.*

Alwar. The Maharaja of—
Banswara. The Maharawal of—
Datia. The Maharaja of—
Dewas. The Senior Raja of—
Dewas. The Junior Raja of—
Dhar. The Raja† of—
Dholpur. The Maharaj Rana of—
Dungarpur. The Maharawal of—
Idar. The Maharaja of—
Jaisalmir. The Maharawal of—
Jhalawar. The Maharaj Rana of—
Khairpur. The Mir of—
Kishangarh. The Maharaja of—
Orchha. The Maharaja of—
Partabgarh. The Maharawal of—
Sikkim. The Maharaja of—
Sirohi. The Maharao of—

Salutes of 13 *guns.*

Benares. The Raja† of—
Jaora. The Nawab of—
Kuch Behar. The Maharaja of—
Rampur. The Nawab of—
Tippera. The Raja† of—

Salutes of 11 *guns.*

Ajaigarh. The Maharaja of—
Baoni. The Nawab of—
Bhaunagar. The Thakur Sahib of—
Bijawar. The Maharaja of—
Cambay. The Nawab of—
Chamba. The Raja of—
Charkhari. The Maharaja of—
Chhatarpur. The Raja† of—
Dhrangadra. The Raj Sahib of—
Faridkot. The Raja of—
Gondal. The Thakur Sahib of—
Jhabua. The Raja of—
Jind. The Raja of—
Junagarh. The Nawab of—
Kahlur (Bilaspur). The Raja of—
Kapurthala. The Raja of—
Mandi. The Raja of—
Manipur. The Raja of—
Morvi. The Thakur Sahib of—
Nabha. The Raja of—
Narsingarh. The Raja of—
Nawanagar. The Jam of—
Palanpur. The Diwan of—
Panna. The Maharaja of—
Porbandar. The Rana of—
Pudukota. The Raja of—
Radhanpur. The Nawab of—
Rajgarh. The Raja of—
Rajpipla. The Raja of—
Ratlam. The Raja of—
Sailana. The Raja of—
Sumthar. The Raja* of—
Sirmur (Nahan). The Raja of—
Sitamau. The Raja of—
Suket. The Raja of—
Tehri (Garhwal). The Raja of—

Salutes of 9 *guns.*

Alirajpur. The Rana of—
Balasinor. The Nawab (Babi) of—
Banada. The Maharawal of—
Baraunda. The Raja of—
Baria. The Raja of—
Barwani. The Rana of—
Chhota Udaipur. The Raja of—

* The present Chief of Sumthar enjoys the personal title of *Maharaja*.

† The present Chiefs of Dhar, Tippera and Chhatarpur and the present Raja of Benares enjoy the title of *Maharaja* as a personal distinction.

Dharampur. The Maharana of—
Dhrol. The Thakur Sahib of—
Fadthli. The Sultan of—
Janjira. The Nawab (Habshi) of—
Karond (Kalahandi). The Raja of—
Khilchipur. The Rao of—
Lahej. The Sultan of—
Limri. The Thakur Sahib of—
Lunawara. The Raja of—
Maihar. The Raja of—
Maler Kotla. The Nawab of—
Nagod. The Raja of—
Palitana. The Thakur Sahib of—
Rajkot. The Thakur Sahib of—
Sachin. The Nawab of—
Sawantwari. The Sir Desai of—
Sunth. The Raja of—
Wadhwan. The Thakur Sahib of—
Wankaner. The Raja Sahib of—

TABLE OF PERSONAL SALUTES.

Salute of 21 *guns.*

Jaipur. His Highness Sawai Sir Madho Singh Bahadur, G.C.S.I., Maharaja of—

Salutes of 19 *guns.*

Khairpur. His Highness Sir Ali Murad Khan, G.C.I.E., Mir of—
Mysore. Her Highness Maharani Kempananjammani Vanivalas Sannidhanna, C.I., Regent of *—

Salute of 17 *guns.*

Orchha. His Highness Mahindar Sawai Sir Partab Singh Bahadur, K.C.I.E., Maharaja of—

Salute of 15 *guns.*

Dhrangadra. His Highness Sir Mansinghji Ranmalsinghji, K.C.S.I., Raj Sahib of—

Salute of 13 *guns.*

Nabha. His Highness Sir Hira Singh Bahadur, G.C.S.I., Raja of—
Sirmur (Nahan). His Highness Sir Shamsher Parkash Bahadur, G.C.S.I., Raja of—

Salute of 12 *guns.*

Shihr and Mokalla. His Highness Awadth bin Omar Alkayati, Jemadar of—

Salute of 11 *guns.*

Lahej. His Highness Fadthl bin Ali, Sultan of—
Maler Kotla. His Highness Muhammad Ibrahim Ali Khan Bahadur, Nawab of—

Salute of 9 *guns.*

Kishen and Sokotra. Ali bin Abdulla, Sultan of—

TABLE OF LOCAL SALUTES.

Salute of 21 *guns.*

Bhopal. The Begam (or Nawab) of—
Gwalior. The Maharaja (Sindhia) of—
Indore. The Maharaja (Holkar) of—
Jammu and Kashmir. The Maharaja of—
} Within the limits of their own territories permanently.

The Governor-General of India in Council has power, in cases in which he may deem it expedient, to authorise salutes, and to issue local regulations for the guidance of the authorities in Indian limits, with respect to salutes for Civil or Military officers holding positions or Commands not mentioned in page 135.

Salutes will be fired between sunrise and sunset, but not between the hours of 8 o'clock A.M. and 5 P.M., at stations in the plains from 15th April to 15th October, unless specially ordered.

Salutes will not be fired on Sundays. Should an officer who is entitled to a salute on this day desire to have it, it will be fired on the following day; in the case of Native Chiefs entitled to salutes entering a station on Sunday, the above order will be explained to them, and the salutes fired on the following day.

The above rule is on no account to interfere with the compliments paid to the flags of foreign powers, when they may enter the Ports of British India on Sunday. The salutes of foreign powers will be immediately returned by the shore batteries, gun for gun.

FLAG STATIONS.

The "National Flag" (Union Jack) is to be hoisted daily at the head-quarters of all commands and districts, and in all arsenals, but in no works of defence, except the forts for which permanent fixed flagstaffs are authorised (*vide paragraph* 196 *of the Bengal Barrack Regulations and section* 4, *paragraph* 8, *of the Bombay Barrack Regulations*).

The 'Royal Standard' is to be hoisted on Royal anniversaries and State occasions at Aden, and the presidency towns of Calcutta, Madras and Bombay.

The National Flag is *not* to be struck, or replaced, in doing honour to the Representative of a foreign power.

*During the minority of her son, the Maharaja of Mysore, and in her capacity of Regent.

PART III.—CIVIL.

THE MADRAS PRESIDENCY.

THE territory included within the Presidency of Fort St. George, or the Madras Presidency, is the southernmost of the Indian provinces. The coast line extends on the east of the peninsula from Orissa in Bengal to Cape Comorin. On the west the narrow strip of country formed by the Native States of Travancore and Cochin gives the coast line from Cape Comorin as far as the town of Cochin. After that Madras territory again forms the coast line until the Bombay Presidency is reached at the northern extremity of the South Canara district. In the centre of the peninsula thus enclosed are the Nagpore country and Berar, the territories of the Nizam known generally as the Deccan, and the province of Mysore; but all the country south and east of Mysore belongs to the Madras Presidency.

The Presidency occupies an area of 139,698 square miles; but within this is included 1,383 square miles belonging to the Pudukottah territory, which is situated in the middle of one of the revenue districts.

The Presidency has a coast line of about 1,700 miles, and consequently a large area of country but little elevated above the level of the sea. Mountain ranges run northward from Cape Comorin along the Western Coast, attaining an elevation in some parts of from 4,000 to nearly 9,000 feet. Ranges of hills follow also the general line of the East Coast; but these, as a rule, are of lower elevation than the Western Ghauts. The drainage of the peninsula is for the most part from west to east into the Bay of Bengal, the area of country drained by rivers running westward being only the narrow strip of territory between the Western Ghauts and the sea. As a rule the country slopes gradually from the eastern base of the western mountain chain down to the Coromandel Coast, while the fall is sudden and precipitous on the western side of the mountains. The centre of the peninsula consists generally of undulating table-lands from 1,000 to 3,000 feet above the level of the sea.

The peculiar physical geography of the peninsula of India, with a huge mountain chain running from north to south along its western boundary, is of importance in regard to climate and the productions of the various districts. These hills have the effect of arresting the lower strata of rain clouds brought up from the Indian ocean by the periodical winds of the south-west monsoon, and of causing excessive rain precipitation on the narrow strip of coast line on the western side of the peninsula. Where the mountain range is of great height, as between Malabar and Coimbatore, the rain clouds are almost entirely diverted from the districts immediately below the mountains on the eastern side, and while the annual rainfall on the western side may be 150 inches, not more than 20 inches will be registered on the eastern side, immediately within the influence of the mountain ranges. Where the mountain chain is of lower elevation, the rain clouds pass over the hills, and rain is precipitated in uncertain and varying amount over the peninsula to the east of the Western Ghauts; but, except in the northern districts, where the rainy season approximates to that of Bengal, the heaviest rainfall of the southern portion of the eastern division of the peninsula occurs during the period of the north-east monsoon. During the continuance of this monsoon, the western ranges of mountains have a similar effect in arresting the rain clouds, so that at the season of the year when the Carnatic is deluged by heavy rain, the Western Coast districts enjoy fine clear weather.

To the physical barrier of the Western Ghauts must be attributed, not only the vast differences of climate, but also those in the nature of the productions, in the eastern and western divisions of the peninsula. In the former the uncertainty and capricious character of the rainfall has taught the cultivators of the soil the necessity of making provision for the storage of water for irrigation purposes, and the existence of innumerable tanks or reservoirs, scattered all over the country, testify to the fact that, from periods of the remotest antiquity, the inhabitants of the tracts of country which receive an irregular rainfall, have exercised great ingenuity and readiness of resource in the construction of public works for the artificial irrigation of the soil. On the western side of the mountains, however, the necessity for such works has never arisen. There the periodical rains fall with great regularity as to time and quantity, and the earth yields her fruits so abundantly that, although in certain exceptional years there may be partial failures of crops, absolute famine, as a result of bad seasons, is unknown. Only 3 of the 21 districts of which the Madras Presidency is composed lie within the influence of the never-failing rains of the south-west monsoon. In the remaining 18 districts nature demands the assistance of art in the collection, storage, and distribution of the condensed moisture of the heavens. In some of these 18 districts, however, as in the northern coast area, the periodic rains fall more regularly than in others, while in several of them the rivers running eastward, swelled by the south-west monsoon rains, are utilized in the fertilization of districts in which the natural moisture is defective.

The chief staples of the Presidency are rice, cholum (a kind of maize), cumboo (a kind of millet), ragi, and varagu amongst food-grains; gingelly amongst oil seeds; and

chillies, tobacco, sugar-cane, plantains, and betel leaf amongst garden crops. Cotton, as a special crop, has a cultivation almost equalling that of ragi. The trees most grown for their fruits are cocoanuts, areca-nut, jack, tamarind, and mango. Rice, as might be expected, is produced in the largest quantities in the alluvial and highly-irrigated districts of Tanjore, Godavari, and Kistna on the East Coast, and in Malabar and Canara on the West Coast, where the rainfall is so abundant as to render irrigation by artificial means almost unnecessary. Cholum is most abundant in the table-land districts of Bellary and Kurnool, while cumboo and ragi are most extensively grown in the other inland, but less elevated, districts, such as Salem and Coimbatore. Cocoanut palms flourish most luxuriantly on the banks of the estuaries and backwaters or salt-water lagoons of the western districts of Malabar and Canara, and areca-nut palms in the valleys intersecting the lower slopes of the Western Ghauts.

Within the Madras Presidency there are six well-defined linguistic boundaries. In the northernmost district of Ganjam is included a portion of the Ooriya-speaking population. The Telugu language is commonly spoken by the people of the Northern Circars, and in a portion of the Nizam's country, Kurnool, Cuddapah, part of North Arcot, Nellore and some parts of Bellary. Tamil is the common language of the districts from a few miles north of Madras to the extreme south of the eastern division of the peninsula. Malayalam is the language of the Native States of Travancore, Cochin, and the Malabar district. Tulu is spoken in a limited portion of the South Canara district; and Canarese in certain portion of the Bellary, Coimbatore, Salem, and South Canara districts. Besides these six Dravidian languages, the hill tribes of certain districts have dialects of their own, also of a Dravidian type. From time to time colonies of Telugu and Canarese-speaking people have found their way down to the southern or Tamil country. In some cases they have been invited to settle as cultivators in localities where waste lands were available. In others they followed probably in the train of invading armies. In the same way people from the Mahratta country have settled in the south, and in all the large towns there are colonies of silk-weavers from Gujerat, who speak a language of their own. Along the border lines of the prevailing languages two or more languages are indifferently spoken by the people. There is no instance of the Tamil people pushing their colonies up towards the north. The migrations appear to have been always from north to south. In the large military cantonments of Secunderabad and Bangalore there are Tamil-speaking populations, but these people have settled as camp-followers.

The first attempt at the formation of an English Settlement in the Madras Presidency was in conjunction with the Dutch at Pulicat early in the seventeenth century, or about one hundred years after the establishment of the Mahomedan kingdoms of Bijapore and Golconda. Compelled to desist from this attempt, the English formed a trading settlement at Masulipatam in 1620, and shortly afterwards at Armogum, about forty miles north of Pulicat; and in 1639, after permission had been obtained from the Hindu Rajah of Chandragherry, the first English fortress on the Eastern Coast of India was erected at Madras. In 1692 Fort St. David was built at Tegnapatam, near Cuddalore, on a site purchased from a petty native prince.

Until the end of the first half of the following century the English carried on their trading operations tolerably unmolested in the midst of the continual wars between the Musulman and Mahratta conquerors of the old Southern Hindu powers; the only event really affecting the future career of the settlements being the acquisition by the French of the village of Pondicherry, which they purchased in 1672 from the King of Bijapore shortly before his dynasty was overthrown by Aurungzebe. In 1744 war broke out between the French and English, and Fort St. George fell—only to be restored again, however, at the peace of Aix-la-Chapelle in 1749. The European war being thus ended, the forces of the two powers found both occupation and profit in the various wars between the native princes, and it usually happened that their sympathies or their interests were enlisted on opposite sides. Nearly the whole of Southern India was then subject to the Nizam of Hyderabad, the country in the neighbourhood of Madras being under the immediate rule of a tributary prince, called the Nabob of the Carnatic, while the Mahrattas still held supreme power in Tanjore and the adjacent country.

The Madras Presidency, according to existing boundary divisions, is made up of 22 districts, namely,—Northern including Ganjam, Vizagapatam, Godavari, Kistna; East Central including Nellore, Madras, Chingleput, North Arcot, South Arcot; Ceded Districts including Kurnool, Bellary, Cuddapah, Anantapore; West Central including Salem, Coimbatore, Nilgiris; Southern including Tanjore, Trichinopoly, Madura, Tinnevelly; and West Coast including South Canara and Malabar.

The first four districts are known as the "Northern Circars." Prior to 1859-60 these Circars consisted of five districts, but in that year the three districts of Rajahmundry, Masulipatam, and Guntoor were divided to form the present Godavari and Kistna Districts. The northern districts were formerly under the Nizam's Government, and in that time the divisions were as follows: Guntoor, Condapilly, Ellore, Rajahmundry, and Chicacole. They came finally into British possession in the year 1823, by the payment to the Nizam's Government of Rs. 11,66,666 in lieu of an annual tribute. When these districts fell into the hands of the East India Company they consisted chiefly of large estates held by renters or zemindars; of lands called "Havelly," which were the old demesnes, or private estates, of former rulers; and of tracts near the principal towns which had been resumed by the Mahomedan Governors of the districts, and appropriated for the support of

their numerous bands of soldiers and public establishments. For some years prior to 1855-56 these Northern Circars were under the charge of a separate Commissioner, but each district had then also its own revenue and judicial establishments. The appointment of Commissioner of the Northern Circars was abolished in June 1856.

The part of the Presidency usually known as the Carnatic appears to have been originally formed of three divisions, namely, Northern, extending from the river Pennar to the river Gundegama, and consisting of a portion of the Nellore District; Central, extending from the Coleroon to the Pennar river, and containing a portion of Trichinopoly, Chingleput, North Arcot, South Arcot, Madras, and Nellore districts; and Southern, consisting of a portion of the Trichinopoly and the whole of Tanjore, Tinnevelly, and Madura districts. These districts came into the possession of the British between the years 1799 and 1801.

In the year 1859-60 the two districts of Madras Town and Chingleput were amalgamated into a single district, the collection of Sea Customs revenue being separately provided for. In the year 1870 the Chingleput district was again divided as before, leaving the administration of the Madras Town district in the hands of the Sea Customs Collector. The Chingleput district was obtained from the Nabob of Arcot in 1763 in return for services rendered to him and his father by the Company. The grant was confirmed by the Great Moghul in 1765, and for a long time the district was known as the "Jaghire" of the East India Company. The site of the Town of Madras was obtained in the year 1640, by a grant from the descendants of the Vijianaggur rulers, subsequently confirmed by the Moghul Government.

The districts of Bellary and Cuddapah were ceded to the English by the Nizam in the year 1800 for the maintenance, in perpetuity, of a body of troops known as the Hyderabad Subsidiary Force, and as payment for troops furnished during the Mysore wars. The territories so made over are still known as the Ceded Districts.

In 1800 the rights of sovereignty exercised by the Nizam over the Kurnool country as Soubadar of the Deccan became vested in the East India Company. The Nizam, in the treaty of partition, gave over to the British all his possessions south of the Toombudra and Kistna rivers below their junction. At this time the ruler of the Kurnool country paid a yearly tribute of one lakh of rupees to the Nizam. In 1839 the Kurnool district, through the rebellion of the then ruler of the country, was placed under British administration.

The districts of Salem and Coimbatore came into British possession, the former in 179 by the treaty of Seringapatam, and the latter in 1799 after the final defeat of Tippoo and the partition of his territory between the British, the Nizam, and the legitimate successor to the Mysore Government, the Maharajah of Mysore.

The Nilgiri Hills, formerly a taluq of the Coimbatore District, was constituted a separate district under Act I of 1868.

The two districts of Malabar and Canara, on the western side of the ghauts, fell into the possession of the British in 1792 and 1799 respectively. Canara was in 1859 divided into North and South Canara for administrative purposes, and in 1860 North Canara was transferred, for convenience of administration, from the Madras to the Bombay Presidency. The taluq of Kundapur, which formerly belonged to North Canara, is now attached to South Canara.

PUBLIC OFFICES IN THE PRESIDENCY.

ACCOUNTANT GENERAL'S OFFICE.

Charles' and James' Street, Fort.

Hours of Business—10½ A.M. to 5 P.M.

———	Acct.-General and Commr. of Paper Currency		
W. H. Dobbie	Offg.	do.	do.
Muhammad Akbar Nazar Ali Hydari, Esq., B.A.	Depy. Acct.-General.		
K. L. Datta, Esq., M.A.	Asst. Acct.-General and Inspector of Local Fund and Municipal Accounts.		
W. D. Woollam, Esq	Asst. Acct.-General.		
H. Bhimasena Rao, B.A.	Probationer, in charge of Paper Currency Department.		
J. O. B. Power, Esq	Chief Superintendent, (*on furlo.*).		
W. I. Bryning, Esq	Offg.	do.	
M.R.Ry. P.V. Krishnaswami Chetti Garu, B.A.	First Class Superintendent.		
,, P. Rajagopal Mudaliyar Avargal	Asst. Inspector of Local Funds and Municipal Accounts.		
C. Brito, Esq.	Do.	do.	do.
M.R.Ry. K. Govindan Avargal	Do.	do.	do.
R. L. Hall, Esq.	Do.	do.	do.
M.R.Ry. M. K. Murugesa Mudaliyar Avargal.	Do.	do.	do.
C. Reilly, Esq.	Do.	do.	do.

ARMY CLOTHING DEPARTMENT.

Late Normal School Buildings, Mount Road—11 A.M. to 5 P.M.

Colonel H. H. Harvey-Kelly, I.S.C. ..... Superintendent, Army Clothing, Madras and Bombay.
Mr. Fred. Rodgers ..... Head Assistant.
„ C. F. Sharp, B.A. ..... Second do. (Sub. *pro tem.*).

ARMY EDUCATIONAL DEPARTMENT.

Head-Quarters—Poona.

Major H. W. Scott, (Lan. Fusrs.) ..... Depy. Asst. Adjt.-General for British Army Schools, Madras and Bombay Commands.
Lieut. H. C. Elliott ..... Inspector, 4th Circle.

BOARD OF EXAMINERS.

Office—Chepauk.

A. W. B. Higgens, Esq., I.C.S., *President.*

Members.

C. J. Weir, Esq., I.C.S.
J. Twigg, Esq., I.C.S.
C. H. Mounsey, Esq., I.C.S., (*Bar.-at-Law*).
F. H. Hamnett, Esq., I.C.S.
H. Moberly, Esq., I.C.S.
L. M. Wynch, Esq., B.A., I.C.S.
M.R.Ry. M. Adinarayana Aiya, Rao Bahadur, (*Ex-officio*).
„ M. O. Parthasarathi Aiyangar, M.A., M.L.
„ C. R. Pattabhirama Aiyar, B.A., B.L.
„ P. Rajaratna Mudaliar, B.A.
Major F. J. Crawford, B.A., M.D., I.M.S.
Lt.-Col. T. H. Pope, M.D., I.M.S.
The Registrar of the High Court, Madras, (*Ex-officio*).
The Inspector-General of Police, (*Ex-officio*).
The Chief Presidency Magistrate, Madras.
The Accountant-General.
The Conservator of Forests, Central Circle.
D. G. Hatchell, Esq., (*Ex-officio*).
The Chemical Examiner to Government, (*Ex-officio*).
The Translators to Government, (*Ex-officio*).

C. Benson, Esq., *Secretary.*

BOARD OF EXAMINERS FOR TEACHERS' CERTIFICATES.

Office—Chepauk.

Ex-officio Members.

Inspector of Schools, Central Circle, (*President*).
Do. do. Northern do.
Do. do. Southern do.
Do. do. Western do.
Inspectress of Girls' Schools, Northern and Central Circles.
Do. do. Southern and Western do.

Other Members.

Rev. J. Cooling, B.A.
„ A. Margöschis.
„ C. W. A. Clarke, M.A.
Mr. C. M Barrow, M.A.
M.R.Ry. J. M. Velu Pillai Avargal.
„ S. Rhngayya Chetti Garu, B.A.
A. G. Bourne, Esq., D.SC., F.R.S., (*Secretary*).

BOARD OF REVENUE, MADRAS.

(LAND REVENUE DEPARTMENT.)

Office—Chepauk—11 A.M. to 5½ P.M.

The Hon'ble Mr. A. W. B. Higgens, I.C.S. ... 3rd Member of the Board of Revenue, and Commissioner of Land Revenue and Inam Commissioner.—Ag. 2nd Member. (on leave).
J. N. Atkinson, Esq., I.C.S. ..... Ag. 3rd Member, do.
A. R. Cumming, Esq., I.C.S. ..... Acting Secretary to the Commissioners of Land Revenue.
L. D. Swamikannu Pillai, M.A., B.L. ..... Assistant Secretary, Board of Revenue, (Land Revenue).
S. Annaswami Aiyar ..... 1st Uncovenanted Assistant, (Sub. *pro tem.*).
G. Srinivasulu Chetti, B.A. ..... 2nd do. do. (do.).

BOARD OF REVENUE—*concld.*

(DEPARTMENT OF REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE.)

Office—Chepauk—11 A.M. to 5-30 P.M.

The Hon'ble Mr. Herbert Bradley, (*Bar.-at-law*), I.C.S. ..... Commissioner, (Acting 2nd Member of the Board of Revenue).
M.R.Ry. R. V. Srinivasiar, B.A., Diwan Bahadur ..... Secretary to the Commissioner.
„ P. Govinda Menon, B.A. ..... First Assistant.
„ M. Ramachandrayya, B.A. ..... Second do. (Sub. *pro tem.*).
„ G. Gopalaswami Chettiar, B.A. ... Head Accountant, do.
„ V. Devanada Chariar ..... Second do. do.
„ T. Kolandavelu Mudaliyar, B.A. ... Superintendent, do.
C. Benson, Esq., M.R.A.C. ..... Depy. Director of the Department of Land Records and Agriculture.
M.R.Ry. C. K. Subba Row ..... Sub-Asst. Director of Agriculture.
Vety. Lieut. J. D. E. Holmes, A.V.D., M.R.C.V.S., M.A. ..... Offg. Superintendent, Civil Veterinary Dept.
Farrier-Major B. Mannas ..... Depy. do. do.
C. A. Barber, Esq., M.A., F.L.S. ..... Government Botanist.

SEPARATE REVENUE.

Office—Chepauk—11 A.M. to 5-30 P.M.

The Hon'ble Mr. J. Thomson, M.A., I.C.S. ... 1st Member of the Board of Revenue, and Commissioner of Salt, Abkári and Separate Revenue.
N. S. Brodie, Esq., M.A., I.C.S. ..... Secretary to the Commissioner of Salt, Abkári and Separate Revenue, (on other duty).
R. A. Graham, Esq., I.C.S. ..... Ag. Secretary to the Commissioner of Salt, Abkári and Separate Revenue.
E. L. Millett, Esq. ..... Asst. Secretary to the Commissioner of Salt, Abkári and Separate Revenue, (on other duty).
J. W. Simpson, Esq. ..... Ag. Asst. Secretary to the Commissioner of Salt, Abkári and Separate Revenue.
C. G. Todhunter, Esq., I.C.S. ..... Deputy Commissioner of Salt, Abkári and Customs Department, Northern Division, (on other duty).
E. L. Millett, Esq. ..... Ag. Dy. Commissioner of Salt, Abkári and Customs Department, Central Division—Head Quarters, "Madras."
Bryce McMaster, Esq. ..... Deputy Commissioner of Salt, Abkári and Customs Department, Northern Division, Head Quarters, "Waltair."
W. A. Fowler, Esq. ..... Deputy Commissioner of Salt, Abkári and Customs Department, Southern Division—Head Quarters, "Trichinopoly."
E. Bennett, Esq. ..... Deputy Commissioner of Abkári—Head Quarters, Madras.
M.R.Ry. V. A. Anantarama Aiyar, B.A. ..... First Assistant, Board of Revenue, (Separate Revenue).
M.R.Ry. A. Gopala Aiyangar, B.A. ..... Second Assistant, Board of Revenue, (Separate Revenue).

FOREST DEPARTMENT.

Northern Circle, (Waltair).

E. D. M. Hooper, Esq. ..... Conservator of Forests.
F. C. L. Cowley-Brown, Esq. ..... Forest Working Plans Officer.
M.R.Ry. T. S. Venugopala Aiyar ..... Manager.

Central Circle, (Madras).

A. W. Peet, Esq. ..... Conservator of Forests.
H. B. Bryant, Esq. ..... Forest Working Plans Officer.
M.R.Ry. T. Srinivasa Pillai ..... Manager.

Southern Circle, (Coimbatore).

H. A. Gass, Esq. ..... Conservator of Forests.
G. F. F. Foulkes, Esq. ..... Forest Working Plans Officer.
M.R.Ry. K. Gundu Rao ..... Manager.

CHEMICAL EXAMINER TO GOVERNMENT.

Office—Medical College.

Lt.-Col. J. L. VanGeyzel, M.B., C.M., F.C.S., F.I.C., I.M.S., Chemical Examiner.
M.R.Ry. M. C. Nanjunda Row Garu, B.A., M.B. & C.M., F.C.S. First Asst. Chemical Examiner.
" M. Goolab Roy Garu, F.C.S. ..... Second Asst. do.
" M. Parameswera Iyer ..... Laboratory Assistant.
" C. Kundasawmy Chetty ..... Clerk.

CIVIL VETERINARY DEPARTMENT, MADRAS PRESIDENCY.

Office—Chepauk.

Vety.-Lieut. J. D. E. Holmes, M.A., A.V.D. ..... Supt., Civil Veterinary Department.
Farrier-Major B. Mannas ..... Depy. Supt., do. do.

Stock Inspectors.

M.R.Ry. B. K. Santaya, (on dep.).
K. Sethu Row.
" V. P. Subramania Mudr., C.B.V.C.
M.R.Ry. M. Hassen Ali Saib, C.B.V.C.
" R. Kunniah Naidu.
" Moses Abraham.

Office.

P. Srinivasulu Naidu ..... Head Clerk. | T. P. Venkatakrishnama Naidoo ... 2nd Clerk

COMMISSIONER OF POLICE.

Office—Pantheon Road—11 A.M. to 5 P.M.

O. R. Jones, Esq. ..... Commissioner of Police, Presidency Magistrate, and Justice of the Peace.
Rao Bahadur A. Krishnaswami Aiyar, B.A. ... Asst. Commissioner of Police and Justice of the Peace.
H. M. Upshon, Esq. ..... Assistant Commissioner of Police and Justice of the Peace.
C. Ramasawmy Naidu ..... Manager.

DEPUTY COMMISSIONER'S OFFICE—North Beach.

P. B. Thomas, Esq. ..... Dy. Commr. of Police and Justice of the Peace.

COMMISSIONER FOR GOVERNMENT EXAMINATIONS.

Office—Old College, Nungumbaukum—11 A.M. to 5 P.M.

The Hon'ble Mr. G. H. Stuart, M.A., (*Bar.-at-Law*) ..... Commissioner.
E. H. Elliot, Esq., B.A. ..... Secretary.
M.R.Ry. S. Subrahmanya Aiyar ..... Manager.

CONSULS, VICE-CONSULS AND CONSULAR AGENTS IN THE MADRAS PRESIDENCY.

Station.	Name.	Designation.	For what country.
Cocanada ...	*C. W. Simson, Esq.* ...	Consular Agent ...	Austro-Hungarian Empire.
	J. H. Clark, Esq. ...	Ag. do. ...	
Do. ...	J. Le Foucheur, Esq. ...	Consular Agent ...	France.
Madras ...	S. R. Turnbull, Esq. ...	Consul ...	Netherlands.
Do. ...	Albert Gerdes, Esq. ...	Do. ...	Germany.
Do. ...	Herr Karl Prumler, Esq. ...	Do. ...	Austro-Hungarian Empire.
Do ...	J. M. Young, Esq. ...	Do. ...	Sweden and Norway.
Do. ...	G. A. Rüppell, Esq. ...	Vice-Consul ...	Spain.
Do. ...	Henry Scots, Esq. ...	Consular Agent ...	United States of America.
Do ...	M. René Caillé, Esq. ...	Vice-Consul ...	Portugal.
Do. ...	D. R. W. Leighton, Esq. ...	Consular Agent ...	Italy.
Do. ...	R. T. Menzies, Esq. ...	Consul ...	Denmark.
Do. ...	M. René Caille, Esq. ...	Consular Agent ...	France.
Do. ...	A. Scholl, Esq. ...	Consul ...	Belgium.
Do. ...	Haji Muhammad Abdul Aziz Badsha Sahib ...	Do. ...	Turkey.
Do. ...	Muhammad Mahmud, Khan Bahadur ...	Do. ...	Persia.
Pondicherry and Karikal.	Capt. R. G. R. deVismes ...	British Consular Agent ...	Great Britain and Ireland.

CONSULTING ENGINEER'S OFFICE FOR RAILWAYS.

Office—Chepauk—11 A.M. to 5 P.M.

F. J. E. Spring, Esq., C.I.E., M.I.C.E. ..... Consulting Engr. for Railways and Secretary to Govt., P.W.D., Railway Branch, (*on other duty*).
R. W. Egerton, Esq. ..... Offg. Consulting Engineer and Secretary to Govt., P. W. D., Railway Branch.
C. D. Dove-Wilson, Esq. ..... Offg. Deputy Consulting Engineer and Under-Secretary to Govt., P.W.D., Railway Branch.
Lieut. L. E. Hopkins, R.E. ..... Deputy Consulting Engineer.
J. G. Calder, Esq. ..... Head Asst. to Consulting Engineer, &c.
G. D. Plummer, Esq. ..... Second do. do.

COURT OF SMALL CAUSES, MADRAS.

Light House Esplanade.—The Registrar's Office is open from 10 A.M. till 4 P.M.

R. B. Michell, Esq., M.A., (*Bar.-at-Law*) ..... Chief Judge.
V. F. deRozario, Esq. ..... Judge.
M. O. Parthasarathy Aiyangar, Esq., M.A., M.L. ... Do.
Fred. B. Lowery, Esq., (*Attorney-at-Law*) ..... Registrar.
M.R.Ry. C. Parthasarathy Aiyangar Avergal ..... Head Clerk.

DEPUTY ADJUTANT-GENERAL'S OFFICE, MADRAS COMMAND.

Mount-Stuart, Octacamund—10-30 A.M. to 5 P.M.

Brigr.-General J. P. C. Neville ..... Offg. Depy. Adjutant-General.
Col. F. J. Kempster, A.D.C., *D.S.O.*, Brit. Service ... Asst. do.
Lieut.-Col. A. B. Fenton ..... Offg. Asst. Quarter-Master-General.
Captain G. deHeriez Smith ..... Depy. Asst. Adjutant-General.
Major R. F. Anderson ..... Depy. Judge-Advocate-General.
Brigr.-Genl. A. B. Stopford, R.A ..... Colonel on the Staff, R.A.
Captain F. Vans Agnew, R.A ..... Offg. Depy. Asst. Adjt.-Genl., (Royal Artillery.)
Major T. N. Bagnall ..... Depy. do. (for Musketry).
H. G. Lissenburg, Esq ..... Chief Clerk.
Hony. Lieut. C. R. Hardy ..... 2nd do.

DISTRICT STAFF OFFICE, MADRAS DISTRICT.

Hanover Square, Fort—10-30 A.M. to 5 P.M.

Major T. H. E. Reid ..... Offg. Assistant Adjutant-General.
Capt. H. St. G. Thomas ..... Depy. do. do.
" Stuart Graham, I.S.C. ..... Garrison Quarter-Master.
L. Raghopurshad Lalla ..... Manager.

DEPUTY INSPECTORS OF VACCINATION, MADRAS.

Chintadrepett, Central Vaccine Depôt—10 A.M. to 5 P.M.

Mr. C. Soobroya Chetty ..... 1st Class Deputy Inspector of Vaccination, Madras.
" E. Nurasimuloo Nayudu ..... Asst. Depy. Inspector, 1st and 3rd Divisions.
" P. Soobaroya Naicker ..... Do. 7th Division, North Ward.
" Bauboo Singh ..... Do. 2nd, 4th and 5th Divisions.
" M. Sadaiyappa Chetty ..... Do. 6th, 7th and 8th do.

DIRECTOR OF PUBLIC INSTRUCTION.

Office—Nungumbakum—11 A.M. to 5 P.M.

The Hon'ble Mr. G. H. Stuart, M.A., (*Bar.-at-Law*) ... Director of Public Instruction.
T. R. Scott, Esq., B.A. ..... Personal Asst. to the Director of Public Instruction.
M.R.Ry. T. J. Venkatachala Aiyar, B.A. ..... Assistant and Manager.

EMIGRATION DEPARTMENT.

Royapuram.

J. N. Atkinson, Esq., I.C.S. ..... Protector of Emigrants, (*on other duty*).
A. G. Cardew, Esq., M.A., I.C.S. ..... Ag. do.
S. Govindraj Aiyangar ..... Manager.
Lieut.-Col. F. C. Reeves, M.D., I.M.S. ..... Medical Inspector of Emigrants.
J. G. Conran, Esq ..... Mauritius Emigration Agent.
Messrs. Parry & Co. ..... Agents, Natal Agency.
Major R. Robertson, M.D., I.M.S. ..... Medical Officer, Natal Agency.
H. D. Baddeley, Esq. ..... Govt. Emigration Surveyor, (*on furlo.*).
T. H. Baker, Esq. ..... Ag. do. do.

EXAMINER OF GUARANTEED RAILWAY ACCOUNTS.

Office—Chepauk.

C. E. Hubbard, Esq. ..... Examiner, Madras.
H. H. D. Butterfield, Esq. ..... Deputy Examiner, Trichinopoly.
Mr. W. J. Burvett ..... Accountant, Madras.
M.R.Ry. V. Muthuvira Chetty ..... Do. do.
,, R. T. Munilal ..... Do. do.
,, N. P. Balachendra Iyer ..... Accountant, Trichinopoly.
Sultan Mahmud Sahib ..... Do. Madras.
M.R.Ry. T. Ratnasabhapati Pillai, B.A. ..... Do. do.
,, S. Murugaiya Chetty ..... Tempy. Accountant, Trichinopoly.
,, T. Venkoba Row ..... Do. do.

EXAMINER OF PUBLIC WORKS ACCOUNTS, MADRAS AND COORG.

Office—Chepauk—11 A.M. to 5 P.M.

A. G. Harrison, Esq. ..... Examiner, 3rd Class, (*Tempy. rank*).
H. M. C. Trotter, Esq. ..... Do. Class IV, (*Tempy. rank*), (attached).
J. E. Lacey, Esq. ..... Do. do. do. do.
J. D. L. Calder, Esq. ..... Assistant Examiner, (*Hony. rank*).

GARRISON QUARTER-MASTER.

Office—Fort—10-30 A.M. to 5 P.M.

Captain Stuart Graham, I.S.C., 14th M.I. ..Garrison Quarter-Master.
S. Rajabhushan Tiwari ..... Clerk.

GOVERNMENT CONSULTING ARCHITECT.

Office—Chepauk.

G. S. T. Harris, Esq. ..... Consulting Architect to Government.
W. G. Molesworth, Esq. ..... Assistant Engineer, Madras.
R. F. Stoney, Esq. ..... Do. Madura.
P. Mahony, Esq. ..... Do. Ootacamund.
Mr. R. A. Salisbury ..... Sub-Engineer, Madura.
,, J. M. Lewis ..... Manager.

GOVERNMENT MEDICAL STORES.

Mint Buildings—10 A.M. to 4 P.M. Saturdays 7 to 10 A.M.

Lieut.-Col. H. St. C. Carruthers, I.M.S. ..... Medical Storekeeper to Govt., Madras Command.
Asst. Surgeon W. D. Bartley ..... Manager.
,, J. McFarlane ..... Superintendent, Preparation Department.
,, G. T. Gilmore ..... 1st Uncovenanted Assistant.
S. Sivandalingam Pillay, B.A. ..... Head Clerk.

GOVERNMENT MUSEUM AND CONNEMARA PUBLIC LIBRARY.

Pantheon Road.—7 A.M. to 5 P.M.

Edgar Thurston, Esq. ..... Superintendent and Principal Librarian.

GOVERNMENT OF INDIA TELEGRAPH DEPARTMENT.

Central Office—First Line Beach.

E. A. Leach, Esq. ..... Superintendent in charge, Madras Division.
H. T. Pinhey, Esq. ..... Do. do. do. Office.
C. B. Williams, Esq. ..... Do. attached. do. Division.
J. S. Hewett, Esq. ..... Asst. Supt., in charge Madras Sub-Division.
Janaki Nath Mukerjee, Esq. ..... Apprentice Asst.Supt., attached Madras Sub-Divn.
R. G. Walker, Esq. ..... Sub-Asst. Supt., attached to Madras Office.

GOVERNMENT PRESS.

MINT BUILDINGS. Hours of business—9 A.M. to 5 P.M.

R. Hill, Esq. ..... Superintendent.
T. Fisher, Esq. ..... Depy. do.
H. Skeen, Esq. ..... Asst. do.

HIGH COURT OF JUDICATURE.

High Court Buildings, Light-House, Esplanade—11 A.M. to 5 P.M.

The Hon'ble Sir Charles Arnold White, *Kt.*, (*Bar.-at-Law*) ..... Chief Justice.
,, Mr. Justice H. H. Shephard, M.A., (*Bar.-at-Law*) .....
,, Sir S. Subramanya Aiyar, B.L., M.C.I.E., Diwan Bahr. ..... Judges.
,, Mr. Justice J. A. Davies, I.C.S., (*Bar.-at-Law*) .....
,, ,, ,, R. S. Benson, M.A., LL.B., I.C.S., (*Bar.-at-Law*) ..
,, ,, ,, H. T. Boddam, (*Bar.-at-Law*) .....

118

High Court of Judicature—concld.

A. L. Hannay, Esq., I.C.S. ..... Registrar.
J. H. Bakewell, Esq., LL.B., (*Bar.-at-Law*) ..... Dy. do. (Original Side).
J. T. Gillespie, Esq., B.A., I.C.S. ..... Dy. do. (Appellate Side).
J. R. Atkinson, Esq., (*Attorney-at-Law*) ..... Asst. do. and Commissioner.
M.R.Ry. A. M. Sabhapathi Mudaliar Avargal ..... Manager, Judicial Branch, (App. Side)
,, C. Chandrasekhara Aiyar, Avergal, B.A. ..... Superintendent, Administrative Branch, (Appellate Side).
,, Diwan Bahadur Pulicat Ramasami Chetty .. Sheriff of Madras.

LAW OFFICERS.

The Hon. Mr. John Edward Power Wallis, (*Bar.-at-Law*) ... Advocate-General.
E. Barclay, Esq. ..... Government Solicitor.
E. B. Powell, Esq., (*Bar.-at-Law*) ..... Do. Pleader, and also *Ex-officio* Public Prosecutor.
John Adam, Esq., M.A., (*Bar.-at-Law*) ..... Crown and Public Prosecutor.
J. G. Kernan, Esq., M.A., LL.B., (*Bar.-at-Law*) ..... Clerk of the Crown.
D. Chamier, Esq., (*Bar.-at-Law*) ..... Law Reporter, High Court.

ADMINISTRATOR GENERAL'S OFFICE.

Office—High Court Buildings.

N. Subramaniyam, Esq., B.A., B.L., (*Bar.-at-Law*) ... Administrator-General.
Mr. R. S. M. E. Floridosz ..... Manager.

OFFICIAL TRUSTEE'S OFFICE.

Office—High Court Buildings.

N. Subramaniyam, Esq., B.A., B.L., (*Bar.-at-Law*) ..... Official Trustee.
Mr. R. S. M. E. Floridosz ..... Manager.

OFFICIAL ASSIGNEE'S OFFICE.

Office—High Court Buildings.

J. G. Kernan, Esq., M.A., LL.B., (*Bar.-at-Law*) ..... Official Assignee.

INSOLVENT DEBTORS' COURT.

Office—High Court Buildings.

The Hon'ble Mr. Justice H. T. Boddam ..... Commissioner.
T. C. Clarke, Esq., (*Attorney-at-Law*) ..... Chief Clerk.
J. G. Kernan, Esq., M.A., LL.B., (*Bar.-at-Law*) ..... Official Assignee.

INSPECTOR-GENERAL, MADRAS POLICE.

Office—South Beach—11 A.M. to 5 P.M.

H. A. Stuart, Esq., I.C.S. ..... Inspector-General.
F. S. Mullaly, Esq. ..... Asst. do.
M.R.Ry. S. Krishnamachariyar, B.A. ..... Manager.

INSPECTOR-GENERAL OF REGISTRATION.

Head Office—North Beach, Madras.

The Hon'ble P. Rajaratna Mudaliyar, Diwan Bahadur ... Inspector-General.
M.R.Ry. C. Mariappa Mudaliar Avergal, B.A. ..... Personal Assistant.

DISTRICT REGISTRAR.

Office—Murtigal Lane, Black Town.

M.R.Ry. P. Krishnasami Aiyar Avergal, B.A. ..... Registrar.

SUB-REGISTRY OFFICE—Opposite Stable Co., Mount Road.

M.R.Ry. D. Krishnaiyar, B.A. ..... Ag. Sub-Registrar.

SUB-REGISTRY OFFICE—2nd Line Beach, Black Town.

M.R.Ry. C. Sarvothama Rao, B.A. ..... Sub-Registrar, (on other duty).
,, M. Muhammad Hussain Saheb, B.A. ..... Ag. do.

INSPECTOR-GENERAL OF PRISONS, MADRAS.

Office—Ootacamund.

Lieut.-Col. W. O'Hara, I.M.S. ..... Inspector-General.
Mr. G. Gainsford ..... Manager.

INSPECTOR OF SCHOOLS, CENRTAL CIRCLE.

Nungambakum.

E. Marsden, Esq., B.A. ..... Senior Inspector of Schools.

ASSISTANT INSPECTORS.

M.R.Ry. L. C. Williams Pillai, B.A. ..... Assistant Inspector of Schools, Presidency Division—(Madras, Chingleput and Nellore Districts), (on other duty).
,, D. S. Krishnaswami Aiyar Avl., B.A. Ag. do. do.

Assistant Inspectors—concld.

M.R.Ry. A. Subba Rao, B.A.....Assistant Inspector of Schools, Ceded Districts Division—(Bellary, Cuddapah, Anantapur and Kurnool Districts), (on other duty).
" M. Kameswara Rao Pantulu Garu, B.A.....Ag. do. do.
" D. S. Krishnaswami Aiyar, B.A. ...Assistant Inspector of Schools, Arcot Division—(North and South Arcot Districts), (on other duty).
" M. Singaravelu Moodaliar Avl., B.A.Ag. do. do.
Khaja Khan Sahib, B.A.....Sub-Assistant Inspector of Muhammadan Schools, Central Circle.

INSPECTRESS OF GIRLS' SCHOOLS.

Jarretts' Gardens, Egmore.

Mrs. I. Brander .....Inspectress of Girls' Schools, Northern and Central Circles.

SUB-ASST. INSPECTRESS AND SUB-ASST. INSPECTORS OF GIRLS' SCHOOLS.

Miss Sarah Govindurajulu.....Sub-Assistant Inspectress, Madras Girls' Range, (on leave).
M.R.Ry. T. Aiyakannu Naicker .....Sub-Asst. Inspector, Madras Range.—Ag. in Madras Girls' Range.
" H. Swami Rau .....Sub-Asst. Inspector, Bellary Girls' Range.
" P. Ramanujachari .....Sub-Asst. Inspector, Rajahmundry Girls' Range.

JUDGE-ADVOCATE-GENERAL'S DEPARTMENT (MADRAS COMMAND).

Office—Mount-Stuart, Ootacamund.

Major R. F. Anderson, S.C..... .....Dy. Judge Advocate-General, Command Head-Quarters and 5th Circle, Ootacamund—Bangalore, Madras and Southern Districts.
Mr. T. A. D. Lucasz.....Manager.
Captain H. L. B. Acton, 1st M.L. .....Asst. Judge-Advocate-General, 6th Circle, Secunderabad—Secunderabad and Belgaum Districts and Hyderabad Contingent.
Captain J. F. Stewart, 14th B.L.....Offg. Asst. Judge-Advocate-General, 7th Circle, Rangoon—Burma District.

LIEUT.-GENERAL COMMADING THE FORCES.

Head Quarters—Ootacamund.

Lieut.-Genl. Sir G. B. Wolseley, K.C.B.....Lieut.-General Commanding the Forces.
Major C. M. T. Western, R.A.....Offg. Asst. Military Secretary.
2nd Lieut. W. E. W. Elkington..... " Aide-de-Camp.
Mr. F. L. D'Cruz.....Head Clerk.

MADRAS CITY CIVIL COURT.

High Court Buildings—11 A.M. to 5 P.M

M.R.Ry. C. R. Pattabhiramaiyar Avargal, B.A., B.L.....Judge.

MADRAS HARBOUR TRUST.

North Beach.

GOVERNED BY MADRAS ACT II OF 1886.

Mr. J. N. Atkinson, I.C.S.....Chairman, (on other duty).
" A. G. Cardew, M.A., I.C.S.....Ag. do.
" C. Pinsent .....Secretary and Traffic Manager.
" F. H. Longhurst, A.M.I.C.E.....Engineer.
" G. R. P. Lloyd .....Deputy Traffic Manager.
" J. Cassin.....Asst. do.
" H. E. Hope-Ross .....Chief Accountant.
" F. J. Dawes .....Cashier.
" T. Ranga Iyengar .....Office Manager.

MADRAS HARBOUR WORKS.

North Beach.

Sir Alexander Rendel, K.C.I.E., M. INST. C.E., &c..Consulting Engineer to the Secy. of State.
F. H. Longhurst, Esq., A.M.I.C.E.....Engineer to the Harbour Trustees.

MADRAS MUNICIPAL COMMISSION.

No. 22, Errabaulu Chetti Street, Black Town—10½ A.M. to 5 P.M.

The Hon. Lieut.-Colonel *Sir* George Moore, *Kt.*, C.I.E.....President.
Muhammad Sufdar Husain Sahib Bahadur, M.R.A.S., F.I.INST., (Provincial Civil Service).Revenue Officer.
Samuel Loane, Esq., M.I. INST. M.E.....Engineer.
Captain J. W. Cornwall, M.A., M.B., C.M., I.M.S.Health Officer.
R. W. Thompson, Esq.....Engineer, New Drainage Works.
M.R.Ry. T. S. Venkateswariah.....Supervisor, do.
M.R.Ry. T. Singara Mudaliar, B.A.....Manager.

MADRAS METEOROLOGICAL OFFICE.

THE OBSERVATORY—College Road, Nungumbaukum.

R. Ll. Jones, Esq., M.A., F.R.A.S. .....Meteorological Reporter to the Government of Madras.
N. E. Kangayam Pillay .....Head Clerk and 1st Assistant.
G. Narayanasawmy Naidu .....2nd Assistant.
W. Ethirajulu Raju.....Head Draughtsman.

MADRAS OBSERVATORY.

College Road—Nungumbaukum.

C. Michie Smith, Esq., B.Sc., F.R.S.E., F.R.A.S.Director.—(Resident at Observatory, Kodaikanal.
R. Ll. Jones, Esq., M.A., F.R.A.S .....Dy. Director of the Madras Observatory.
S. Solomon Pillai.....Manager.
M. B. Subba Rao, B.A. .....1st Assistant.

SOLAR PHYSICS' OBSERVATORY, KODAIKANAL.

C. Michie Smith, Esq., B.Sc., F.R.S.E., F.R.A.S.....Director of the Madras and Kodaikanal Observatories.
K. V. Sivarama Aiyer, M.A., B.L.....1st Assistant.
S. Sitarama Aiyar, B.A. .....2nd do.
G. Nagaraja Aiyar .....3rd do.

MADRAS SURVEY DEPARTMENT.

Office—Mount Road—10-30 A.M. to 5 P.M.

H. R. Bentley Taylor, Esq. .....Ag. Superintendent, Madras Survey
M.R.Ry. M. Ramaswami Naidu Garu Rao Bahadur.Ag. Asst. do. 1st Class.
" D. T. Srinivasa Aiyangar.....Ag. do. do. 2nd do.
" G. Pachia Pillai Avergal .....Sub-Assistant, 1st Class.

MILITARY ACCOUNTS DEPARTMENT IN INDIA.

MADRAS COMMAND.

Office—Fort—10½ A.M. to 4½ P.M.

Lieut.-Colonel W. J. B. Bird, I.S.C.....Controller of Military Accounts.
" F. F. R. Burgess, I.S.C. .....Pay Examiner.
Major G. W. S. Fryer, I.S.C.....Examiner of Commissariat and Army Remount Accounts.
Mr. L. L. Kalberer .....Ex. of Ord. and Army Clothing Accounts.
Captain W. Donnan.....Examiner, Commissariat Accounts, and Circle Paymaster, Rangoon.
——— .....Inspector of Accounts.
Mr. T. J. Evans.....Dy. Examiner, Assistant Pay Examiner.
" H. M. Lewis, B.A..... Do. Superintendent, Pay Examiner's Office.
" R. H. Rolfe, B.A..... Do. Assistant to Controller of Military Accounts.
" E. T. Bernard, B.A. .....Asst. Examiner, Offg. Superintendent, Accounts Branch, Controller of Military Accounts' Office.
Conductor W. J. Clifford.....Asst. Examiner, Superintendent, Commissariat Examiner's Office.
Mr. W. A. Trotter.....Superintendent, Ordnance and Clothing Examiner's Office.
" A. H. Arnold .....Asst. Examiner, Offg. Superintendent, Commissariat Branch, Rangoon.
" W. G. Wells .....Asst. Examiner, Controller's Office.
" H. M. Smith ..... Do. Pay Branch.
Sergeant W. W. Laskey..... Do. Commissariat Branch.
Mr. A H. Arnold..... Do. Commissariat Branch, Rangoon.

MILITARY WORKS SERVICES.

MADRAS COMMAND.

HEAD-QUARTERS—OOTACAMUND.

Col. J. F. Garwood, R.E. ..... Chief Engineer.
Captain A. H. D. Iliach, R.E. ..... Personal Assistant to Chief Engineer.
Mr. B. Myers ..... Manager.

MADRAS DISTRICT.

Lieut.-Col. H. S. Andrews-Speed, R.E. ..... Commanding Royal Engineer, Madras.
Captain A. Walpole, R.E. ..... Garrison Engineer, Madras.
„ E. R. B. Stokes Roberts, R.E. ..... Do. Wellington.
Lieut. R. H. Phillimore, R.E. ..... Do. Rangoon.
Hony. Lieut. J. E. Patton ..... Assistant Engineer, No. 1 Sub-division Fort Saint George.
Sub-Condr. T. Turner ..... Supervisor, No. 2 Sub-Division, Madras.
Sergeant F. W. Slade, R.E. ..... Overseer, No. 3 Sub-Division, St. Thomas' Mount.
Sub-Condr. D. Upshon ..... Supervisor, Cordite Factory, Wellington.
„ C. Collins ..... „ (Wellington), (on leave).
Sergeant A. O. Clapton. ..... Overseer, Wellington.
Mr. A. T. Parker ..... Accountant, Madras.
„ A. O. Buckley ..... Head Clerk, do.

BARRACK BRANCH.

Hony. Lieut. G. Drew ..... Barrack Master, Madras.
Conductor G. Pendleton. ..... do. Sergeant, do.
„ A. Martinant ..... do. do. Wellington.
Sergeant H. Birtles ..... do. do. St. Thomas' Mount.

OFFICE OF THE COMMISSARY-GENERAL, MADRAS COMMAND.

OOTACAMUND.

Lt.-Colonel A. H. Clark-Kennedy, I.S.C. ..... Commissary-General.
Major N. S. Swanston, I.S.C. ..... Asst. do.
Mr. W. T. Lissenburg ..... Chief Clerk.

CHIEF COMMISSARIAT OFFICE, MADRAS DISTRICT—FORT ST. GEORGE.

Capt. H. T. Brown, A. C. G. ..... Chief Commissariat Officer.
V. Rangasawmy Naidu ..... Head Clerk.

COMMISSARIAT STOREKEEPER-GENERAL'S OFFICE—2nd Line Beach, Madras.

Captain R. E Sullivan, A. C. G. ..... Commissariat Storekeeper-General.
T. N. Kistnasawmy Naidu ..... Head Clerk.

OFFICE OF THE SUPERINTENDENT, GOVERNMENT RAILWAY, POLICE.

South Beach.

F. Fawcett Esq. ..... Superintendent.
C. V. Narayana Naidu ..... Manager.

ORDNANCE DEPARTMENT.

Office of Inspr.-Genl. of Ordnance, Southern Circle—Poona—10-30 A.M. to 4-30 P.M.

Colonel E. B. Standbridge ..... Inspector-General of Ordnance, Madras Command.
Major K. S. Dunsterville, R.A. ..... Depy. do. do. do.
Captain A. P. Douglas, R.A. ..... Asst. do. do. do.
Conductor B. E. Smith ..... Chief Clerk.
„ W. Billing ..... Chief Clerk (*Supy.*).
„ J. S. Rush ..... 1st Class Clerk.
„ J. Quinn ..... 2nd do.
„ A. Blackwood ..... 2nd do.

ARSENAL.

Fort Saint George—10 A.M. to 4 P.M.

Major J. D. H. Waller, R.A. ..... Ordnance Officer, in charge.
Captain G. G. Splane ..... Deputy Commissary, (*on Field service*).
Conductor R. Kerwick ..... Offg. Dy. Asst. Commissary, (*on Field service*).
„ J. Duggan ..... Head Clerk.
Mr. G. W. Squires ..... Civil Chief Master-Armourer.
„ F. E. F. Keatch ..... Civilian Mechanic.

GUN CARRIAGE FACTORY.

Vepery Naval Hospital Road—8 A.M. to 4 P.M.

Major C. T Bell, R.A. ..... Superintendent.
Lieut. J. H. L. Archer, R.A. ..... Asst. do.
Lieut. F. Richards, Dy. Asst. Commy. ..... Head Overseer.
Syed Mortooza Sahib ..... Head Clerk.
Mr. J. Y. Johnson ..... Chief Mechanical Engineer.
„ G. Bloxham ..... Overseer of Carpenters.
„ W. G. Kirkman ..... Do. of Smiths.
„ E. Shipman ..... Do. of Moulders.

HARNESS AND SADDLERY WORKSHOPS—Veyasarpandy, Perambur.

Captain H. F. Vanderzee, R.A. ..... Ordnance Officer, in charge of the Workshops.
Lieut. F. Taylor ..... Deputy Assistant Commissary.

PAYMASTER OF CARNATIC STIPENDS.

Office—Chepauk—11 A.M. to 4 P.M.

Colonel H. H. Harvey-Kelly, I.S.C. ..... Offg. Paymaster, Carnatic Stipends.
Mir Ghulam-i Abbas Sahib ..... Manager.

POSTAL DEPARTMENT

POSTMASTER GENERAL'S OFFICE.

Beach—10-30 A.M. to 5 P.M.

G. S. Curtis, Esq., I.C.S. ..... Postmaster-General.
G. R. Peter, Esq. ..... Superintendent, of Post Offices (attached to the Post-master-General's Office).
T. S. Carroll, Esq. ..... Personal Asst. to Postmaster-General.
Sufdar Hussain, Esq., B.A. ..... Do. do.
M.R.Ry. M. Krishnasamy Naidu ..... Manager.

PRESIDENCY POSTMASTER'S OFFICE.

Beach—10 A.M. to 5 P.M.

M. E. Monks, Esq ..... Presidency Postmaster.
C. G. D'Santos, Esq. ..... Depy. do.

PRESIDENCY MAGISTRATES' COURTS.

Jan Meredith, Esq. ..... Chief Presidency Magistrate, Egmore Court.
Sultan Mohi-ud-din Sahib. ..... 2nd do. Town Court.
Charles Gahan, B.A., Esq. ..... 3rd do. do.
P. Rajahrathnum Mudaliar, B.A., Esq ..... 4th do. Egmore Court.

PRESIDENCY PORT OFFICE.

Office—Old High Court Buildings, Beach—10 A.M. to 5 P.M.

Commander T. G. R. Finny, R.I.M. ..... Presidency Port Officer and Registrar of Shipping.
H. D. Baddeley, Esq. ..... Agent for Govt. Consignments, Govt. Surveyor, Personal Assistant to the Presidency Port Officer, and Registrar of Shipping, (*on furlo.*).
T. H. Baker, Esq. ..... Ag. do. do.
J. H. White Esq. ..... Reserve Port Officer.
Mr. W. B. Fernandez ..... Manager.
„ M. Srinivasa Mudaliar ..... Chief Clerk and Accountant.

OFFICE OF THE DEPUTY CONSERVATOR OF THE PORT.

Office—Old High Court Buildings, Beach—10 A.M. to 5 P.M.

Commander W. Aves ..... Deputy Port Conservator and Deputy Shipping Master, (*on furlo.*).
Commander C. W. R. Hooper ..... Ag. do. do.

HARBOUR MASTERS.

Mr. N. Corfield ..... Senior Harbour Master.
„ H. C. Taylor ..... Harbour Master.
„ G. A. Evans ..... Do.

PRIMARY EXAMINATION BOARD, MADRAS DISTRICT.

Vepery.

Chairman.

1. S. P. D'Sylva, Esq., B.A., Professor, Doveton College.

Ex-officio Members.

2. The Assistant Inspector of Schools, Presidency Division.
3. The Sub-Assistant Inspector of Boys' Schools, Madras Range.
4. Do. do. Girls' do. do.
5. Do. do. Muhammadan Schools, Madras Range.

Other Members.

6. Miss M. Chatterton, Assistant Mistress, Presidency Training School for Mistresses, Madras.
7. Mr. Geo. A. Hart Hankins, Asst. Master, Bishop Corrie's Grammar School, Madras.
8. Abdur Rahman Sahib, Head Master, Muhammadan Branch Training School, Madras.
9. M.R.Ry. T. Narasimha Chariyar, Headmaster, Govinda Naicker's Middle School, Madras.
10. ,, C. Gopal Rau Avargal, B.A., Assistant, Pachaiyappa's College, Madras.
11. ,, V. Mahalinga Aiyar, B.A., L.T., Assistant, Church of Scotland Mission College, Madras.
12. ,, M. Venkataramayya, Head-Master, Peddunaick Pettah Middle School.

PRINCIPAL MEDICAL OFFICER, MADRAS COMMAND.

Office—Ootacamund—10½ A.M. to 5 P.M.

Surg. General G. W. R. Hay, I.M.S.....Principal Medical Officer.
Captain T. W. Gibbard, M.B., R.A.M.C.....Personal Assistant.
Condr. W. H. Holton .....Head Clerk.

PRINCIPAL MEDICAL OFFICER, MADRAS DISTRICT.

Office—Fort Saint George.

Colonel W. E. Johnson, I.M.S.....Principal Medical Officer, Madras District.
Mahomed Abdur Rahman Sahib.....Manager.

PRIVATE SECRETARY TO H. E. THE GOVERNOR.

Office—Government House.

H. A. Sim, Esq., I.C.S.....Private Secretary. Sub. (*pro tem.*)
J. D. Gordon, Esq. .....Manager.

PUBLIC WORKS STORES AND WORKSHOPS.

49, Old Petty Court Street, Washermanpett—8 A.M. to 5 P.M.
Office—11 A.M. to 5 P.M.

G. S. T. Harris, Esq.....General Supt., P. W. Stores and Workshops.
W. Hutton, Esq., A.M.I.C.E. .....Asst. do. do.
Mr. J. G. Baskett .....General Foreman, P. W. Workshops.
M.R.Ry. C. Veeraragavaloo Naidu .....Chief Storekeeper, P. W. Stores.
Mr. D. E. Jeremiah.....Accountant, P. W. Workshops.
,, H. E. Humphreys.....Do. P. W. Stores.
M.R.Ry. Lutchmana Row.....Head Clerk and Cashier, P. W. Workshops.
,, P. Singaravalóo Mudaliyar.....Storekeeper P. W. Workshops.

QUIT RENT AND INCOME TAX, &c., DEPARTMENTS.

Office—Southern Wing of the Stamp Office, North Beach.

J. N. Atkinson, Esq., I.C.S.....Collector and Commissioner of Income Tax, Madras, (on other duty in the Board of Revenue).
A. G. Cardew, Esq., M.A., I.C.S.....Offg. do.
M.R.Ry. V. A. Ramaswami Aiyar .....Sheristadar, Collector's Office, Madras.
,, C. Venkatarama Aiyar .....Head Accountant, do.

Office.—Old High Court Buildings, North Beach.

J. R. Coombes, Esq., B.A.....Deputy Collector, Madras Town, and Collector of Income Tax.
M.R.Ry. D. Venkatavarathiah.....Tahsildar of Madras.
,, C. N. Narayanasawmy Mudaliar. Manager in charge of the Income Tax Dept.
,, C. Subroya Mudaliar .....Registrar in charge of the Dept. for registry of holdings in Madras.
,, N. Vaithinadha Aiyar .....Taluk Head Accountant.

SANITARY COMMISSIONER'S OFFICE.

Office—Stowe Hall, Poonamallee Road—11 A.M to 5 P.M.

Lieut.-Col. W. G. King, M.B., C.M., D.P.H., C.I.E., I.M.S .....Sanitary Commissioner for Madras.
Major W. B. Bannerman, M.D., B.Sc., I.M.S.....Inspector of Vaccination and Depy. Sanitary Commissioner, (on other duty).
,, A. E. Grant, M.B., I.M.S. .....Ag. do. do.
M.R.Ry. S. Balasundram Mudaliar, B.A.....Manager and Assistant.

SANITARY ENGINEER TO GOVERNMENT.

Office—Stowe Hall, Poonamallee Road.

J. A. Jones, Esq., MEM. INST. C.E., F.R.S.E. .....Sanitary Engineer to Government, (*on furlo.*).
A. A. G. Malet, Esq., A.M.I.C.E. .....Ag. do. do.
Hormusji Nowroji, Esq., B.C.E., A.M.I.C.E.....Asst. do. do.
M.R.Ry. V. Devasikhamany Pillai, B.C.E., M.IM.E. Office Assistant.
,, M. Rama Row Naidu.....Manager.

SEA CUSTOMS.

Office—North Beach—10 A.M. to 4 P.M.

J. N. Atkinson, Esq., I.C.S. .....Collector of Sea Customs, (on other duty).
A. G. Cardew, Esq., M.A., I.C.S. .....Ag. do. do.
F. G. Marshall, Esq. .....Depy. do. do.
C. Kiernander, Esq.....Superintendent of Statistics.
T. H. Puddephatt, Esq .....Head Appraiser.
J. H. Graves, Esq .....2nd do.

SECRETARIAT.

Cornwallis Square, Fort—11 A.M. to 5 P.M.

Chief Secretariat.

The Hon'ble Mr. G. Stokes, B.A., I.C.S....Chief Secretary.
A. R. Knapp, Esq., I.C.S.....Under-Secretary to Government.
A. T. Pringle, Esq.....Asst. Secy. to Government.
C. M. Schmidt, Esq.....Chief Assistant.
C. S. Simpson, Esq. .....2nd Assistant.

Revenue Secretariat.

The Hon'ble Mr. G. S. Forbes, M.A., I.C.S...Secretary to Government.
W. Francis, Esq., I.C.S.....Under-Secy. to Government, (on other duty).
N. E. Marjoribanks, Esq., I.C.S..... Do. do. (Sub. *pro tem.*).
Vacant.....1st Assistant.
V. K. Ramanuja Chariar, B.A.....Ag. do.
R. Swaminatha Aiyar, B.A. .....2nd do.

Local and Municipal, Educational and Legislative Secretariat.

J. H. A. Tremenheere, Esq., I.C.S.....Secretary, (*on furlo.*).
M. Hammick, Esq., I.C.S. .....Ag. do.
A. T. Pringle, Esq. .....Asst. do.
V. Raghava Charlu, B.A., Diwan Bahadur.....1st Assistant.

Public Works and Marine Secretariats.

Office—Chepauk—11 A.M. to 5 P.M.

W. B. deWinton, Esq. .....Secretary to Govt. and Chief Engineer.
W. Hughes, Esq., M.I.C.E.....Joint Secretary to Govt. and Chief Engineer, Irrigation Branch.
H. E. Clerk, Esq. .....Under-Secretary to Govt. and Deputy Chief Engineer.
A. T. Mackenzie, Esq.....Under-Secretary to Govt. and Asst. Chief Engineer for Irrigation.
R. Parsons, Esq.....Chief Assistant.
F. J. E. Spring, Esq., C.I.E., M.I.C.E.....Secretary to Govt., P. W. D., Railway Branch, and Consulting Engineer for Railways.
R. W. Egerton, Esq.....Under-Secretary to Govt., P. W. D., Railway Branch, and Deputy Consulting Engineer for Railways.
J. G. Calder, Esq.....Assistant.

SUPERINTENDENT OF PENSIONS AND FAMILY PAYMENTS.

Office—Fort—10½ A.M. to 4-30 P.M.

Mrjor A. H. Dobbs, 16th M. I.....Superintendent.
M.R.Ry. T. Appanah Rao.....Manager.

SUPERINTENDENT OF STAMPS AND STATIONERY.

Office—1st Line Beach—11 A.M. to 5 P.M.

J. N. Atkinson, Esq., I.C.S.....Superintendent, (on other duty).
A. G. Cardew, Esq., M.A., I.C.S.....Ag. do.
F. D. Bird, Esq.....Asst. do.
M.R.Ry. K. Ramalinga Iyer.....Head Accountant, Stamp Office.
,, C. Tiruvenkatachari, B.A.....Manager, Stationery Office.

SUPERINTENDENT OF PRISONS FOR THE TOWN OF MADRAS.

Office.—Penitentiary Road.

D. A. McCready, Esq.....Superintendent.
Mr. C. A. Kerr.....Jailor.
,, S. W. Rabel.....Depy. Jailor, (on leave).
,, H. DeMeder.....Ag. do.
M.R.Ry. C. V. Krishnamachari.....1st Grade Asst. Jailor, (Head Clerk).
Mr. T. Lambourne.....Chief Warder.
,, J. Lionel.....European Warder.
,, A. E. Steele..... Do.
,, P. Nicholas..... Do.
M.R.Ry. S. Kuppusami Mudaliar.....2nd Grade Asst. Jailor.
,, K. Venkatakrishnama Naidu.....3rd do. do.
,, V. Narasu Mudaliar.....3rd do. do.
,, Venkatachari.....3rd do. do.
,, A. T. Ramaswami Iyer.....Jailor, Civil Jail.

SUPERINTENDING ENGINEER, 5TH CIRCLE, MADRAS.

Office—Fort.

Colonel A. W. Smart, R.E.....Superintending Engineer, 5th Circle.
Mr. E. V. Beeby.....Manager.
,, C. T. Cundaswami Mudaliar.....2nd Clerk.
,, T. Manikkam Mudaliar.....Special Draughtsman.

SURGEON-GENERAL WITH THE GOVERNMENT OF MADRAS.

Office—No. 5, Haddow's Road, Nungumbakum—10-30 A.M. to 5 P.M.

Surg.-General D. Sinclair, M.B., C.S.I., I.M.S.....Surgeon-General.
Captain C. Donovan, B.A., M.D., B.CH. B.A.O., R.U.I., I.M.S.....Personal Assistant to the Surgeon General.
Ghulam Mahmud Saheb Bahadur "Khan Saheb".....Manager.

TRANSLATORS TO GOVERNMENT.

E. Marsden, Esq., B.A.....Persian and Hindustani Translator, and Examiner in Hindustani.
S. Rangayya Chetti, B.A.....Telugu Translator.
V. Raghava Charulu, Diwan Bahadur.....Tamil do.
S. Mangesha Rao, B.A.....Canarese do.
M. Krishnan, B.A., B.L.....Ag. Malayalam Translator.

UNIVVRSITY OF MADRAS.

Office—Senate House, Chepauk.

Alex. J. Grieve, Esq., B.A.....Registrar.
Vacant.....Manager.
S. Velayudham Pillai.....Head Clerk.

SCALE OF CIVIL ALLOWANCES.

	Monthly. Rs.
Government.	
Governor (1)	10,000
Private Secretary	1,500
Military Secretary	1,000
Member of Council	5,333-5-4
Secretariat.	
I.	
Chief Secretary	3,750
Under Secretary	1,050
Assistant Secretary, Judicial and Legislative Departments	800
First Assistant	600
Second Assistant	350
II.	
Revenue Secretary	3,125
Under Secretary	1,000
First Assistant	600
Registrar	350
III.	
Secretary to Government, Municipal, Educational and Legislative Departments	2,500
First Assistant	500

IV.

	Scale of Consolidated Salary (Civil and Military). Old Scale.	New Scale.	Scale of pay for Provincial Service.
Chief Engineers:—			
1st Class	2,500	2,500	2,500
2nd ,,	2,000	2,000	2,000
3rd ,,	1,800	1,800	1,800
Superintending Engineers:—			
1st Class	1,600	1,650	1,050
2nd ,,	1,350	1,350	900
3rd ,,	1,100	1,100	750
Executive Engineers:—			
1st Grade	950	1,000	650
2nd ,,	800	850	550
3rd ,,	700	700	475
4th ,,	600	...	...
Assistant Engineers:—			
1st Grade	500	550	400
2nd Grade (after 3 years' service)	400	...	...
2nd Grade	350	450	350
3rd ,,	250	350	250
Apprentices	100	...	...

	Monthly. Rs.
Judicial.	
Chief Justice	5,000
Puisne Judge, High Court	4,000
Registrar, H. C.	1,450—70—1,800
Dy. Regr., Appellate Side	700—60—1,000
Manager, do.	300
Nazar, do.	250
Dy. Regr., H. C., Original Side	1,000
Assistant Regr., do.	400—20—500
Chief Interpreter,[2] do.	400
Dy. Interpreter, do.	250
Advocate-General	1,800
Government Solicitor	1,100
Government Pleader	350
Crown Prosecutor and Public Prosecutor	500
Clerk of the Crown	300
Law Reporter	400
Administrator-General	600
Judge, Madras City Civil Court	1,200
First Judge, Small Cause Court	2,000
Other Judges, do.	1,000
Registrar, do.	500
Head Clerk, do.	200
Chief Presidency Magistrate	1,200
Second Presidency Magistrate	800
Third and Fourth Magistrates	350
Senior District and Sessions Judge	2,333-5-4
Junior do do	1,800
Provincial Civil Service:—	
Dist. and Sess. Judge, 1st Grade	1,600
Do. 2nd do.	1,200
Sub-Judges, 1st Grade	800
Do. 2nd do.	650
Do. 3rd do.	500
District Munsifs, 1st Grade	400
Do. 2nd do.	300
Do. 3rd do.	250
Do. 4th do. (2)	200
Do. Anjengo	30
Financial.	
Accountant-General, Rs. 2,750, 2,500, 2,250	

Enrolled Officers.	Old Pay.	New Pay.
1st Class	1,750 to 2,000	1,500
Do. 2nd do.	1,250 to 1,500	1,250
Do. 3rd do.	1,000 to 1,200	1,000
Do. 4th do.	800 to 1,000	800
Do. 5th do.	600 to 800	600
Do. 6th do.	400 to 600	400
Probationers { On first Appt	200	
Probationers { On passing L. S.	250	
Probationers { On do H. S.	300	
OLD SCALE.		
Chief Supts., 2nd Class	500 to 700	
Do. 3rd do.	500 to 600	
Do. 4th do.	400 to 600	
Do. 5th do.	400 to 500	
NEW SCALE.		
Chief Supts.	450 to 600	

(1) Draws also Household and Tour allowance of Rs. 90,000 a year.
(2) The District Munsif at Vayitri draws also Wynaad allowance of Rs. 50.

	Monthly. Rs.
Revenue.	
First Member, Board of Revenue	3,750
Second do. do.	3,500
Third do. do.	3,000
Fourth do. do.	2,000
Secretary to the Commissioners of Land Revenue	1,500 to 1,800
Secy. to the Commissioners of Salt, Abkâri and Separate Rev.	1,500 to 1,800
Secy. to the Commissioners of Rev. Settlement and Director of the Dept. of Land Records and Agriculture.	1,000
Asst. Secretary to the Comrs. of Land Rev.	400 + Local allce.
First Asst. to the Commrs. of Land Rev.	500
Second Asst. do.	300
Registrar do.	300
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
Provincial Civil Service :—	
Collr. and Magistrate, 1st Grade	1,600
Do. 2nd do.	1,200
Sub-Collectors (2) / Principal Asst. Collectors (2)	1,166-10-8
Head Asst. Collectors (2) / Senior Assistants (2)	768-5-4
Special do. (2)	
Passed do. (3)	560
Unpassed do. (3)	385
Probationers (Natives) C. S. (3)	200
Do. on passing 1st Standard	250
Do. on confirmation 64 per cent. of the pay of Government Gazetted Officers (3).	
Deputy Collectors, 1st Class (4)	700
Do. 2nd do. (4)	600
Do. 3rd do. (4)	500
Do. 4th do. (4)	400
Do. 5th do. (4)	300
Do. 6th do. (4)	250
Tahsildars, 1st Grade	250
Do. 2nd do.	225
Do. 3rd do.	200
Do. 4th do.	175
Do. 5th do.	150

	Monthly. Rs.
Revenue—concld.	
Collector's Sheristadar	250, 225, 200
Head Clerk, Collector's Office	150
Huzur Cash-keeper	125
Head Accountant, Treasury Deputy Collector's Office	85
Vernacular Head Accountant, Collector's Office	45
Stationary Sub-Magistrate	100, 125
Dy. Tahsildar and Sub-Magistrate	100
Taluk Head Accountant	60
Post Office.	
Dir. Genl. of the Post Office of India.	3,000
Dy. do. do.	1,500 to 1,750
Asst. do. do. (for Railway Mail Service)	1,000 to 1,400
Asst. Dir. Genl. of the Post Office of India (Post Office)	700
Do. do. (Foreign P. Office)	700
Comptroller, Post Office	800 to 1,200
Dy. do. do.	700
Asst. do. do.	500 to 600
Postmaster General	1,750 to 2,000
Presidency Postmaster	600 to 900
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 (5)	300 to 400
Do. do. (5)	200
Telegraph.	
Class I—Director-General	3,000
„ II—Dy. do.	2,000
„ III Director, Tradic Branch	1,000
„ III do. Construction Br.	1,000

(1) With a fixed Tentage of Rs. 50.

(2) With a fixed Tentage of Rs. 35.

(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.

The Deputy Collector in charge of Wynaad, of 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 Department.

Deputy Collector at Madras Town draws also a special allowance of Rs. 100 for the work connected with the Income Tax.

Deputy Collector, General duties, Kollegal, Coimbatore District, is also District Munsif of Kollegal and draws Local allowance of Rs. 100.

(5) With House Rent of Rs. 50.

	Monthly. Rs.
Telegraph—concld.	
Class IV Supt., 1st Grade	1,125 to 1,500
„ 2nd do.	1,000
„ 3rd do.	850
„ V Asst. Supt., 1st Grade	700
do. 2nd do.	550
„ VI do. 1st do.	400
do. 2nd do.	300
Forests.	
Upper Controlling Staff.	
Conservator, 1st Grade	1,600
Do. 2nd do.	1,350
Do. 3rd do.	1,100
Dy. Conservator, 1st Grade	900
Do. 2nd do.	800
Do. 3rd do.	650
Do. 4th do.	550
Extra Dy. Conservator, 4th Grade	450
Assistant Conservators, 1st and 2nd Grades	450, 350
Do. 3rd and 4th Grades	250, 200
Lower Controlling Staff.	
Extra Asst. Conservators, 1st, 2nd, 3rd and 4th Grades	350, 300, 250, 200
Revenue Settlement.	
Secretary to Commr. of Revenue Settlement and Director of the Dept. of Land Records and of Agriculture	1,000
First Assistant to do.	400
Uncovenanted Deputy Commrs. of Rev. Settl., 1st Grade	1,100
Do. 2nd do.	750
Do. Assistant Commrs. of Rev. Settl. (1)	425
Deputy Director of the Department of Land Records and Agr	750—1000

Civil Veterinary Department.	Indian Pay and allowances. Rs.	Mily. Civil Allowances. Rs.
Veterinary Surgeons.		
Under 5 years' service	400	150
After 5 do.	450	200
„ 10 do.	500	250
Veterinary Surgeons, 1st Class	600	300
After 5 years' service in that class	650	350

	Monthly. Rs.
Civil Veterinary Department—concld.	
Veterinary Surgeons	Indian Pay and allowances. Rs. 750 / Mily. Civil Allowances. Rs. 400
After 10 years' service as Veterinary Captain	
The Supt., Civil Vety. Dept., also draws House Rent of Rs. 50 a month with his Grade pay.	
Dy. Supt., Vety. Dept. Rs. 150—10—200	
Revenue Survey.	
Superintendent	1,500—60—1,800
Dy. Superintendent, 1st Class	1,100
Do. 2nd do.	750
Asst. Supdt. 1st do	550
Do. 2nd do.	425
Do. 3rd do.	300
Salt and Abkâri Revenue.	
Secretary to Commr. of Salt Abkari and Separate Revenue	1,500 to 1,800
Dy. Commissioners	1,200 to 1,400
Assistant Commr., 1st Grade (2)	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.	(a) 700
Registration.	
Inspector-General	1,250
Registrar, Madras	500
District Registrars 1st and 2nd	500, 400
District Registrars 3rd and 4th	350, 300
District Registrars 5th and 6th	250, 200
District Registrars 7th	175
Jails.	
Inspector-General of Prisons	1,333-5-4
Superintendents of Central Jails, 1st Class (3)	
Superintendents of Central Jails, 2nd Class (3)	

(1) Pay Rs. 425 rising to Rs. 550 after 2 years' approved service.

(2) With house rent of Rs. 46-2-6.

(3) If Medical Officers. If not Medical Officers, 1st Class 600 to 850, 2nd Class 450 to 600 and Rs. 100 to Surgeons in Medical charge. Pay of Medical Officers 1st class, combined Executive and Medical charge, Rs. 700—50—950; 2nd Class Rs. 550—50—700.

(a) This appointment is included in the Asst. Commissioner's Grade of Salt Revenue. He draws also House rent of Rs. 46-2-6.

	Monthly. Rs.
Jails—concld.	
Supt. of Central Jail (1) (Special)...	600
Do. of Prisons, Madras (1)	600
Do. of Dist. Jails (Special)...350—20—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 Jail, Parvatipur	250
Police.	
Inspector-General	2,500
Deputy Inspectors-General 1st, 2nd and 3rd Grades.....1,400, 1,300,	1,200
Assistant do.	800
Manager.....	250
Commissioner of Police	1,500
Deputy Commissioner of Police.....	800
Assistant Commissioner	350
Superintendents.	
Superintendent, 1st Grade	1,000
Do. 2nd do.....	900
Do. 3rd do.....	800
Do. 4th do.....	700
Do. 5th do.....	600
Asst. Superintendents, 1st Grade..(2)	500
Do. do. 2nd do. ..	450
Do. do. 3rd do. ..	400
Do. do. 4th do. ..	350
Do. do. 5th do. ..	300
Do. do. Probationers	250,200
Superintendent of Police, Madras City	800 +H. A. 25
Chief and Special Inspectors (3) ..	300
Inspector of Police, 1st Class (3) ..	200
Do. 2nd do. (2) ..	150
Do. 3rd do. (3) ..	100
Do. 4th do. (3) ..	700
Marine.	
Presidency Port Officer	1,370
Dy. Conservator of the Port of Madras (Harbour Trust Board).....	
Agent for Govt. Consignments and Personal Assistant to the Presy. Port Officer.....	

	Monthly. Rs.
Port Officers.	
First Grade	600
Second ,, ...	550
Third ,, ...	500
Fourth ,, ...	450
Fifth ,, ...	350
Local Allowance to Agent, Government Consignments.....	100
Education.	
Director of Public Instruction	2,000 to 2,250
Graded Educational Service, 1st Class .....1,250—50—1,500	
Indian Educational Service, Pay—Rs. 500, 50—1,000	
Principal, Law College	1,200
Senior Professor of Law..... Junior Professor of Law..... First, Second and Third Asst. Professors of Law.....	(a)
Inspectress of Girls' Schools N. and C. Circles.....	.500 to 600
Do. do.	.....450 to 500
Provincial Educational Service—	
First Class	700
Second ,, ...	600
Third ,, ...	550
Fourth ,, ...	500
Fifth ,, ...	450
Sixth ,, ...	400
Seventh ,, ...	350
Eighth ,, ...	300
Ninth ,, ...	250
Tenth ,, ...	200
Principal, C[illegible]ollege	1,602-4-0
Vice-Prin[illegible]he Agricultural Coll[illegible]	.....400 to 500
Vi[illegible]	[illegible]ers' College 400 to 500
	[illegible]ing School for .....350—10—450
	[illegible]l Schools (4) 75, 100, 125, 150
	[illegible] the Inspectresses of [illegible]chools.....(4) 75, 100, 150

(1) With house rent and conveyance allowance of Rs. 125 and Rs. 30 respectively.

(2) 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.

(3) 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.

(4) Sub-Asst. Inspectors of Schools draw also fixed Travelling allowance of Rs. 25.

(a) Pay met from fees.

	Monthly. Rs.
Ecclesiastical.	
Lord Bishop 2,133-5-4	
Archdeacon 265-10-8	
Registrar of the Diocese 213-5-4	
Senior Chaplain (1)	800
Junior Chaplain.....	500
Ministers paid by Government.....	100
Marriage Registrar.....	50
Railway Chaplains .....150 and	100
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:— Whenever 100 Presbyterian or Whenever 100 Wesleyan soldiers are quartered at any Station ..	100
Whenever the number exceeds 200..	150
Do. do. is less than 100...R. 1 a month for each soldier.	
Medical.	
Surgeon-General	2,500
Personal Asst. to Surgeon-General	(2) 600
Surgeon to the Governor	1,000
Sanitary Commissioner	2,000
Sanitary Engineer to Govt.1,000—50—1,350	
Asst. do. do. .....350—30—500	
Principal, Medical College.....	1,600
Dy. Sanitary Commr. & Inspr. of Vaccination and Full Professorships in the Medical College with conjoint Presidency duties . . .1,250, 1,050, 850,	700
Surgeons 4 Districts, Supt., Lunatic Asylum, and Civil Surgeons 1st Class Station 1,050, 850, 650,	500
Resident Surgeon, Genl. Hospital, and Professor of Pathology.....	800
Asst. Physician, Genl. Hospl., and Professor of Hygiene, Medl. Coll..	750
Second Surgeon, Genl. Hospital, and Professor of Materia Medica and Practical Pharmacy.....	700
Health Officer and Supt., Lock Hospital.....	400
Civil Medical Officers in charge of Civil Stations.....700, 550, 450,	350

	Monthly. Rs.
Medical—concld.	
Officer in Medical charge of Sub-Dist., Saidapet	30
Minor Professorship	200
Native Asst. Surgeons (3) 100, 150,	200
Political.	
Resident, Travancore.....	2,800
Assistant Resident	600
Paymaster of Carnatic Stipends ..	250
British Consular Agent, Karikal a. 1 Precidency .....Local allowance	300
Miscellaneous.	
Supt., Government Press (4)...600 to	1,000
Dy. Supt. do.	500
Asst. Supt., do. .....300 to	350
Protector of Emigrants.....	200
Translators to Government. Tamil..... Telugu..... Persian and Hindustani (a).....	300
Do. Canarese..... Malayalam.....	250
Government Astronomer	800
Supt., Madras Observatory and Madras Meteorological Office	300
Supt., Govt. Central Museum.500—50—800	
Registrar of Govt. Books.....	150
Curator, Oriental Library, Presidency College.....	100
Registrar, Madras University.600—50—800	
Secretary to the Commissioner for Government Examinations.....	350
Secretary to the Board of Examiners	150
Government Botanist and Director of Cinchona Plantations .....700 to	800
Curator of Govt. Botanical Gardens and Parks, Ootacamund.....250 to	350
Government Quinologist.....350 to	500
Medical Inspector of Emigrants.....	150
Supt. of Archæological Survey..300—25—800	
Epigraphist for the Madras Presidency..650—800	
Depy. Collr. in charge of Paper Currency in Calicut.....	100
Deputy Collr. in charge of Income Tax Work.....	100
Boiler Inspector, Madras Presy..500-40-700	
Special Appointment.	
Compiler, Administration Report....	200

(1) Chaplains in the Presidency Town draw house-rent of Rs. 130.

The Domestic Chaplain draws house-rent of Rs. 75 when in Madras.

The Chaplains in Bolarum and Secundarabad draw conveyance allowance of Rs. 50.

The Chaplain in charge of Pallaveram draws an extra allowance of Rs. 150, and house-rent of Rs. 75.

The Senior Chaplain of the Church of Scotland draws a special allowance of Rs. 150.

(2) With house-rent of rank.

(3) With a local allowance of Rs. 50.

(4) With a conveyance allowance of Rs. 40.

(a) Also draws an additional allowance of Rs. 200 as an Examiner in Hindustani.

GRADATION
INDIAN AND STATUTORY
ON THE MADRAS

Corrected up to

The Rank of Civil Servants commences from the date of arrival at Madras of belong, while under twelve years' standing to Class V; from the thirteenth to the twenty-third year, to Class III; from the twenty-fourth to the end of the

Column 4.—The names of Indian Civil Servants on Long Leave and of all shows that they received certificate in Survey.

Column 5.—The commencement of Service is reckoned from the date of the whichever is earlier.

Column 6.—The date against the names of Statutory civilians in column 6

Column 10.—The full acting allowance ordinarily admissible for an acting ap of an officer on privilege leave, though, in accordance with Article 120 of the unless transferred from another station, when three-fourths of the full acting al

1	2	3	4	5	6	7
No.	Languages Passed.	Rewards in Languages.	Names.	Commencement of Service.	Date of Arrival.	Non-Residence, and if now on leave, date of expiry of leave.
						CLASS I., *more than*
1	Tam Tel. In Coll.	.. ..	*The Hon.* Mr. Arundel Tagg Arundel, B.A., C.S.I., Univy. Coll., London.	25 July 65	18 Nov. 65	23 Apl. 76 to 18 Oct. 77, Medl. Cert. 14 Augt. 85 to 5 Aug 87, Furlo. 6 to 9 July 90, Abs. 11 Apl. 91 to 3 Oct. 91, Spl. leave. 22 Aug. to 2 Sep. 95, Spl. duty in England not counting for leave. 7 Jany. to 21 Oct. 97, Furlo.
2	1st L Tam 2d I. Tel	.....	*The Hon.* Mr. Justice James Acworth Davies, *(Bar-at-Law)*, King's Coll., London.	12 Aug. 68	3 Jany. 69	25 Aug. 78 to 3 Dec. 79, Medl. Cert. 6 Jany. to 1 July 81, Spl. leave. 16 Feb. to 14 Dec. 88, Furlo. 7 Sep. 92 to 1 Mar. 93, Furlo. 15 Sep. 94 to 14 Mar. 95, Medl. Cert. 15 to 25 Mar. 95, Extra leave. 21 Nov. 97 to 18 Dec. 97, Extra leave. 2 Mar. to 28 Nov. 99, Furlo.

LIST OF
CIVIL SERVANTS
ESTABLISHMENT.
1st January 1901.

the first Civil Servant of their year; and, being thus determined, all Civil Servants the end of the eighteenth year, to Class IV; from the nineteenth to the end of thirtieth year, to Class II; and after the thirtieth year, to Class I.

Statutory Civilians are printed in italics, and the mark ¶ after their names

Covenant or the Secretary of State's Despatch announcing the Officer's appointment,

"Date of arrival" is date of confirmation.

pointment is entered against the names of officers acting in consequence of the absence Civil Service Regulations, 2nd Edition no acting allowance is given to such officers, lowance is given for the first thirty days of the acting appointment.

8	9	10	11	12
Actual Service up to 1st Jan. 1901 from date of arrival.	Total Service	Salary and Allowances.	Appointments—Stations.	Remarks.
30 years' standing.				
y. m. d.	*y. m. d.*	*Rs. a. p.*		
30 4 11	35 1 13	P 5,833 5 4	Member of Council—20th Sept. 1898.—Madras.	Fellow of the Madras University.
27 6 25	31 11 29	P 4,000 0 0	Judge of the High Court of Judicature—31st Jany. 1896.—Madras.	Fellow of the Madras University.

No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
3	1st L Mal. 2d L Tam	Mal High Profy	*The Hon.* Mr. Henry Martin Winterbotham, C.S.I., Univy. of London.	30 Sep. 69	19 Nov. 69	30 June 78 to 20 June 80, Medl. Cert. 24 July 83 to 20 July 84, Medl. Cert. 25 Mar 90 to 22 Mar. 91, Furlo. 23 May 96 to 21 May 97, Furlo.
4	1st L Tel 2d L Tam	.....	Gordon Thomson Mackenzie, Trinity Coll., Dublin	30 Sep. 69	19 Nov. 69	22 Apr. 78 to 12 Jan. 80, Medl. Cert. 2 Apr. 86 to 21 Oct. 87, Furlo. 2 Mar. to 25 Oct. 94, Furlo.
5	1st L Tam 2d L Tel	.....	Lewis Moore, Trinity College Dublin.	30 Sep. 69	7 Nov. 69	17 Apl. 71, Abs. 3 Apl. 79 to 3 Apl. 81, Furlo. 24 and 25 July 83, Abs. 25 Apl. 84 to 31 May 85, Furlo. 5 March to 29 Augt. 86, Spl. leave. 3 to 7 Augt. 89, Abs. 25 Apl. 90 to 22 Nov. 90, Furlo. 4 to 7 Augt. 94, Abs. 21 Mar. 96 to 18 Nov. 97, Furlo.
6	1st L Tam 2d L Tel	.....	*The Hon.* Mr. Frederick Augustus Nicholson, C.I.E., Lincoln Coll., Oxford.	30 Sep. 69	5 Dec. 69	5 Jan. to 24 Dec. 75, Furlo. 29 Apl. 84 to 23 July 85, Medl. Cert. 25 Oct. 89 to 25 Oct. 90, Furlo. 11 May 91 to 6 Mar. 92, Medl. Cert. 21 Mar. to 3 Dec. 96, Furlo. 26 Apl. to 18 Augt. 98 Spl. leave.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
20 7 28	31 1 12	P 5,333 5 4	Member of Council—19th Dec. 1898—Madras.	Fellow of the Madras University.
27 2 5	31 1 12	P 2,333 5 4 A A 466 10 8 2,800 0 0	Dist. and Sess. Judge, Coimbatore.—12th Oct. 1896.—Ag. Resident in Travancore and Cochin.—11th July 1899.—Trivandram.	
25 3 15	31 1 24	P 2,333 5 4	Dist. and Sess. Judge, Bellary—30th Jany. 1902.—Bellary.	
26 0 9	31 0 28	P 3,500 0 0 D A 616 10 8 4,116 10 8	Second Member, Bd. of Rev. and Commr. of Rev. Settlt. and Dir. of the Dept. of Land Records and Agriculture.—28th Oct. 1900.	Fellow of the Madras University. Addl. Member of the Council of the Govr.-Genl. for making Laws and Regns.—8th Nov. 1900.—Calcutta.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
					Cass II., from 24 to the end	
7	1st L Tel 2d L Tam	... ..	Arthur Frederick Cox, King's Coll., London.	8 July 71	3 Nov 71	8 Jan. 79, Abs. 1 Apl. 80 to 24 Nov. 81, Medl. Cert. 5 and 6 Dec. 81, Abs. 1 Apl. 90 to 26 Mar. 92, Furlo. 3 Apl. 97 to 26 Oct. 98, Furlo.
8	1st L Tam 2d L Tel	.....	*The Hon.* Mr. James Thomson, M.A., University of Aberdeen.	15 July 71	24 Nov. 71	21 Apl. 80 to 9 Oct. 81, Furlo. 16 Dec. 87 to 23 Nov. 88, Furlo. 21 Mar. to 19 Nov. 93, Furlo. 7 Aug. 96, to 29 July 97, Medl. Cert.
9	1st L Can 2d L Hin.	Can High Profy.	*The Hon.* Mr. Gabriel Stokes, B.A., Trinity College, Dublin.	6 Sep. 71	28 Oct. 71	26 Nov. 82 to 23 Nov. 84 Medl. Cert. 8 Apl. 88 to 3 Mar. 89, Furlo. 22 Mar. to 19 Nov. 93, Furlo. 27 Nov. 97 to 19 May 98, Furlo.
10	1st L Tam 2d L Tel	.....	*The Hon.* Mr. George Stuart Forbes, M.A., Univy. Coll., Aberdeen.	1 July 72	16 Oct. 72	1 to 3 July 79, Abs. 26 Apl. 89 to 25 Apl. 91, Furlo. 26 Apl. 91 to 27 May 91, Abs. 7 June to 16 Nov. 99 Furlo.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks
of 30 years.		*Rs. a. p.*		
y. m. d. 23 11 11	*y. m. d.* 29 1 28	P 3,500 0 0	Comptr. and Audr.-Genl. and Head Commr. of Paper Currency—12th Dec. 1898—Calcutta.	
25 0 17	29 1 7	P 3,750 0 0	First Member, Bd. of Rev., and Commr. of Salt, Akbari and Separate Rev.—17th Nov. 1899.—Addl. Member of the Council of Fort St. George for making Laws and Regns.—22nd Sep. 1900.—Madras.	President of the Equitation Board.
25 1 18	29 2 4	P 3,750 0 0	Chief Secy. to Govt.—20th Sept. 1898—Addl. Member of the Council of Fort St. George for making Laws and Regns.—3rd June 1898—Madras.	Fellow of the Madras University.
25 8 0	28 2 16	P 3,125 0 0	Secy. to Govt., Rev. Dept.—20th Sept. 1898—Addl. Member of the Council of Fort St. George for making Laws and Regns.—11th June 1898.—Madras.	

1 No.	2 Languages passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
							y. m. d.	y. m. d.	Rs. a. p.		
11	1st L Tam 2d L Tel	.....	*The Hon.* Mr. Justice Ralph Sillery Benson, M.A., LL.B., (*Bar.-at-Law,*) Trinity Coll., Dublin.	15 July 75	29 Oct. 75	6 Oct. 85 to 3 Oct. 87, Furlo. 29 May 91 to 27 Feb. 92, Furlo. 23 Mar. to 17 Nov. 95, Furlo. 22 Apl. to 19 Oct. 99, Furlo.	23 3 12	27 2 3	P 4,000 0 0	Judge of the High Court of Judicature, Madras — 4th March 1896.—Madras.	Fellow of the Madras University.
12	1st L Tel 2d L Tam	.....	*James Henry Apperley Tremenheere.*	8 July 75	23 Nov. 75	9 April 86 to 12 Dec. 87 Furlo. 19 Oct. 91 to 13 Oct. 93 Furlo. 28 July, 1900, Furlo. Leave expires, 27 Feb. 1902.	21 0 5	25 1 8	P 2,500 0 0 ABS A. 1,255-0-3 *Subject to a maximum of 250 a quarter.*	Secy. to Govt., Local and Municipal, Edcl. and Legisl. Depts.—20th Sep. 1898.	*On furlo to Europe for 1 year and 7 months, from 28th July* 1900.
13	1st L Tel 2d L Tam	.....	Walter Miller Thorburn, B.A., *(Bar-at-Law)*, Dalhousie Coll., Halifax.	26 July 75	26 Nov. 75	16 Apl. to 13 Aug. 76, Medl. Cert. 26 Oct. 83 to 19 July 85, Medl. Cert. 24 Aug. 89 to 26 Dec. 90, Medl. Cert. 21 Mar. to 16th Sep. 93, Spl. leave. 7 June 97 to 7 June 98, Furlo. 8 to 17 June 98, Extra leave.	20 2 1	25 1 5	P 2,333 5 4	Dist. and Sess. Judge, Kurnool—24th June 1898.	On priv. leave for 2 months and 19 days, from 19th Nov. 1900.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks
							y. m. d.	y. m. d.	Rs. a. p.		
14	1st L Tam 2d L Tel	.....	*The Hon. Mr. Arthur Henry Temple Martindale.*	27 July 75	10 Nov. 75	14 June 78 to 11 Mar. 79, Med. Cert. 13 Oct. to 29 Dec. 79, Spl. Leave. 23 Oct. 85 to 28 Oct. 86, Furlo. 4 April 91 to 10 Jan. 92, Furlo. 7 Mar. to 3 Dec. 96, Furlo. 5 May 1900 Furlo, Leave expires, 4 May 1901.	21 0 1	25 1 21	P 4,000 0 0 S A 250 0 0 4,250 0 0	Resident, 1st Class.—Agent to the Govr.-Genl., Rajputana.—10th Mar. 1895.	*On furlo. for 1 year, from 5th May 1900.*
15	1st L Tam 2d L Tel	Russ. Int.	*Horace Handley O'Farrell.*	21 July 75	23 Nov. 75	3 to 28 Feb. 76, Medl. Cert. 25 Sep. 81, Abs. 14 Nov. 83 to 8 May 84, Spl. Leave. 7 Nov. 85 to 30 Oct. 87, Furlo. 4 Nov. 93 to 28 Feb. 95, Furlo.¶ 28th July 1900, Furlo. Leave expires, 27 Mar. 1902.	20 9 23	25 1 8	P 2,333 5 4 Abs 1,307 4 9 *Subject to a maximum of £1,000 a year.*	Dist. and Sess. Judge, Chingleput.—7th Apl. 1898.	*On furlo. to Europe for 1 year and 8 months, from 28th July 1900—Permitted to return to duty.*
16	1st L Tel 2d L Tam	.....	Guy Francis Thos. Power. Oriel College, Oxford.	13 Aug. 75	23 Nov. 75	10 Dec. 86 to 17 Dec. 87, Furlo. 26 June 91 to 18 Dec. 92, Medl. Cert. 19 Sep. 96 to 18 Sep. 98, Medl. Cert. 19 to 23 Sep. 98, Extra Leave.	20 7 1	25 1 8	P 2,333 5 4	Dist. and Sess. Judge, Tanjore.—3rd Jany. 1899.—Tanjore.	
17	1st L Tam 2d L Tel	Russ. Int.	*William Henry Welsh*	31 July 76	20 Nov. 76	4 Mar. 85 to 28 Oct. 86, Furlo. 1 Augt. 90 to 6 Dec. 91, Furlo.¶ 21 to 25 July 96, Abs. 20 Aug. 97 to 13 Jan. 98, Spl. leave. 22 Sep. 1900, Furlo. Leave expires, 27 Nov. 1901.	20 5 1	24 1 11	P 2,333 5 4 Abs a. 1,166 10 8 *Subject to a maximum of £ 1,000 a year.*	Dist. and Sess. Judge, S. Malabar. — 1st Augt. 1898.	*On furlo. for 1 year, 2 months and 6 days, from 22nd Sep. 1900.*

¶ *The period of 8 months spent in Russia, counts as service for pension but not as service for furlo and has been excluded from col. 8.*

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
							y. m. d.	*y. m. d.*	*Rs. a. p.*		
18	1st L Tel 2d L Tam	.....	Alfred William Buckle Higgens.	14 Sep. 76	6 Dec. 76	4 to 9 Sept. 86, Abs. 23 Aug. 87 to 22 June 89, Furlo. 15 Sep. 93 to 15 Dec. 94, Furlo. 16 Nov. 97 to 14 May 98, Spl. Leave.	20 5 20	24 0 26	P 3 000 0 0 A A 500 0 0 3,500 0 0	Third Member, Board of Rev., and Commr. of Land Rev. and Inam Commr.—28th Oct. 1900.—Ag Second Member, Bd. of Rev.—7th Dec. 1900.	President of the Bd. of Exrs. On priv. leave for 2 months & 24 days, from 7th Dec. 1900.
19	1st L Mal 2d L Tam	Mal. High Profy.	Vernor Alexander Brodie, Univy. College, London.	11 Aug. 77	6 Jan. 78	20 Apl. 88 to 7 Apl. 89, Furlo. 28 Apl. 89, Abs. 21 Jan. 93 to 19 Jan. 95 Furlo 3 Nov. 96 to 1 Feb. 97. Extra leave. 10 May 99 to 14 Nov. 00 Furlo.	18 3 0	22 11 26	P 2,333 5 4	Dist. and Sess. Judge, Cuddapah—23rd Dec. 1899.—Ag. Dist. and Sess. Judge, Coimbatore—22nd Nov. 1900.—Coimbatore.	
20	1st L Tam 2d L Tel	Tam Mal Persian Hindustani High Profy.	John Willoughby Francis Dumergue.	11 Sep. 77	23 Dec. 77	25 Jan. 78, Abs. 5 Dec. 84 to 27 Feb 86, Medl. Cert. 17 Oct. 96 to 14 Oct. 98, Furlo.	19 9 17	23 0 9	P 2,333 5 4	Dist. and Sess. Judge, South Canara—5th Oct. 1899.—Mangalore.	
21	1st L Tam 2d L Tel	.....	Samuel Russell, B.A., LL.B., Trinity College, Dublin.	6 Aug. 77	7 Nov. 77	4 to 7 Sep. 82, Abs. 29 Dec. 84 to 2 Jany. 85, Abs. 20 Mar. 85 to 19 Jany. 87, Medl. Cert. 20 Jany. to 13 Feb. 87, Extra Leave. 20 Oct. 89 to 19 Oct. 90, Medl. Cert. 20 Oct. 90 to 18 July 91, Extra. leave. 1 Mar. 99 to 20 Sep. 00, Furlo.	17 11 1	23 1 24	P 2,333 5 4	Dist. and Sess. Judge, Nellore—23rd Dec. 1899.—Ag. Dist and Sess. Judge, S. Malabar—28th Sep. 1900.—Calicut.	

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
22	1st L Tel 2d L Tam	.....	William Cuthbert Holmes, B.A., Trinity College, Dublin.	17 Aug. 77	7 Nov. 77	7 Dec. 81, Abs. 30 Oct. 85 to 24 Oct. 86, Medl. Cert. 14 Dec. 95 to 5 Nov. 97 Furlo.
23	1st L Tel 2d L Can	.....	Francis D'Arcy Osborne Wolfe Murray, St. Andrew's Univy.	11 Sep. 77	19 Dec. 77	12 Nov. 78 to 11 Nov. 79, Medl. Cert. 12 Nov. 79 to 16 Jan. 80, Extr. Leave. 15 and 16 July 85, Abs. 16 Mar. 88 to 24 Sep. 89, Medl. Cert. 25 Sep. 89, Extr. Leave. 6 to 10 Oct. 92, Abs. 8 Oct 95 to 20 Nov. 97, Medl. Cert. 26 Sep. to 4 Oct. 00, Abs.
24	1st L Tel 2d L Can	.....	Murray Hammick	5 Sep. 77	18 Dec 77	6 Nov. 82, Abs. 25 Nov. 87 to 10 Jany. 89, Furlo. 1 Dec. 93 to 3 Dec. 94, Furlo. 26 Nov. 98, to 7 Apl. 99 Spl. Leave.
25	1st L Tam 2d L Tel	.....	Hugh Gore Joseph, M.A., New College, Oxford.	13 Aug. 77	7 Nov. 77	12 May to 9 June 79, Medl. Cert. 16 Nov. 83 to 9 Nov. 84, Medl. Cert. 27 July 87 to 26 July 88, Medl. Cert. 27 July to 29 Oct. 88, Extra. Leave. 1 June 94 to 22 Nov. 95, Furlo. 6 to 8 Dec. 95, Abs. 5 May to 27 Oct. 00, Furlo.

8 Actual Service up to 1st from date	9 Total Service Jan. 1901 to arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d. 20 3 5	y. m. d. 23 1 24	Rs. a. p. P 2,333 5 4	Dist. and Sess. Judge, Kistna.—1st Feb. 1899.—Masulipatam.	
18 1 28	23 0 13	P 2,333 5 4	Dist. and Sess. Judge, Ganjam—3rd Dec. 1897.—Berhampur.	
20 6 11	23 0 14	P 2,500 0 0	Inspr.-Genl. of Police—13th Dec. 1894.—Ag. Secy. to Govt., Local and Munepl., Edcl. and Legisl. Depts—14th July 1900.—Madras.	Member of the Sanity Bd.
18 10 9	23 1 24	P 2,333 5 4	Dist. and Sess. Judge, Trichinopoly—9th Dec. 1898.—Trichinopoly.	

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and now on leave, date of expiry of leave.
						Class III,
26	1st LCan 2d L Tel	.....	*The Hon.* Mr. Herbert Bradley, *(Bar.-at-Law).*	18 Sep. 78	3 Dec. 78	6 Apl. 90 to 7 Nov. 91, Furlo. 24 to 26 Oct. 95, Abs. 25 Sep. 97 to 24 Feb. 99, Furlo.
27	1st L Tam 2d L Tel	.....	Henry Alexander Sim.	3 Sep. 78	19 Nov. 78	18 Jany. 89 to 4 July 90, Furlo. 9 July 92 to 8 July 93, Medl. Cert. 9 July 93 to 11 Apl. 95, Extra leave.
28	1st L Tel	Uriya Special Test	Charles Herbert Mounsey, *(Bar.-at-Law.)*	6 Aug. 78	3 Dec. 78	18 to 23 Oct. 82, Abs. 16 July 85, Abs. 18 May 89 to 13 Nov. 90, Furlo. 30 Dec. 93 to 3 Jany. 95 Furlo. 12 Apl. to 11 Dec. 98, Furlo.
29	1st L Tel 2d L Tam	.....	John Nathaniel Atkinson.	8 Aug. 78	3 Dec. 78	17 Dec. 85 to 18 Nov. 87, Medl. Cert. 22 Apl. to 17 Oct. 89, Spl. Leave. 2 Mar. 99, Furlo. Leave expires, 1 Dec. 1900.
30	1st L Tam 2d L Tel	Uriya Special Test	Charles James Weir, Queen's College, Belfast.	18 Sep. 79	17 Nov. 79	10 July 83 to 29 Mar 84, Medl. Cert. 2 July 89 to 12 Oct. 90, Furlo. 22 Feb. 97 to 20 Oct. 98, Medl. Cert.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d	y. m. d.	Rs. a. p.		
		from 19 to the end of 23 years.		
19 0 24	22 0 29	P 3,000 0 0	Fourth Member, Bd. of Rev., and Commr. of Land Rev.—2nd Nov. 1900.—Addl. Member of the Council of Fort St. George for making Laws and Regns.—5th Dec. 1900.—Ag. Third Member, Bd. of Rev., and Commr. of Rev. Settlt. and Dir. of the Dept. of Land Records and Agriculture—7th Dec. 1900.—Ag. 2nd Member, Bd. of Rev.—7th Dec. 1900.	
17 10 21	22 1 12	P 1,500 0 0	*Private Secy. to His Excellency the Govr.—8th Oct. 1897—Madras.	
18 10 20	22 0 29	P 2,333 5 4 T 50 0 0 2,333 5 4	Collr. and Magt. of the Dist., Salem—9th Dec. 1898.—Ag. Collr. and Magt. of the Dist., Coimbatore—21st Dec. 1898.—Coimbatore.	Member of the Board of Examiners.
17 10 2	22 0 29	P 2,333 5 4 A A. 600 0 0 2,933 5 4	Collr. of Sea Customs and of the Madras Dist., Protector of Emigrants, Supdt. of Stamps and Stationery and Chairman, Harbour Trust Board—10th Nov. 1897.—Ag. Fourth Member, Bd. of Rev., and Commr. of Land Rev.—7th Dec. 1900.—Ag. Third Member, Bd. of Rev., and Inam Commr.—7th Dec. 1900.	Ag. President, Bd. of Exr.
17 5 14	21 1 14	P 2,000 0 0 A A. 666 10 8 T 50 0 0 2,716 10 8	Collr. and Magt. and Addl. Sess. Judge, the Nilgiris—1st Feb. 1899.—Ag. Fourth Member, Bd. of Rev., and Commr. of Land, Rev.—Dec. 1900.	Member of the Board of Exrs.

* The Apptt. of Mr. H. A. Sim to be Private Secy. to H. E. the Govr. is made on the condition that on Mr. Sim's reversion from the Private Secretaryship at any time, he will be entitled to oust the Junior permanent Collr. or Judge and to rank in the list of Collrs. and Judges according to his seniority in the service.—G.O., No. 1408, dated 26th Oct. 1897.

1 No.	2 Languages. Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival.	9. Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
							y. m. d.	y. m. d.	Rs. a. p.		
31	1st L TAM 2d L TEL	TAM. High Profy.	Frederick Harper Hannett.	12 Sep. 79	17 Nov. 79	24 Nov. 82 to 29 Oct. 83, Medl. Cert. 24 July 88 to 20 July 89, Medl. Cert. 9 Mar. 94 to 17 Feb. 95, Medl. Cert. 21 Mar. to 19 Sep. 98, Spl. leave.	17 9 1	21 1 14	P 2,333 5 4	Collr. and Magt. of the Dist., S. Canara—5th Oct. 1899—Ag. Dist. and Sess. Judge, Coimbatore — 20th July 1899.	Member of the Board of Exrs. On priv. leave for 2 months and 10 days from 22nd Nov. 1900.
32	1st L TAM 2d L TEL	TAM. High Profy.	Charles Mylne Mullaly, University of London.	6 Sep. 79	3 Nov. 79	11 Sep. 91 to 11 Dec. 92, Furlo. 1 Feb 97 to 20 Oct. 98, Furlo.	18 2 6	21 1 28	P 2,333 5 4 T 50 0 0 2,383 5 4	Collr. and Magt. of the Dist., Nellore—9th Dec. 1898.—NELLORE.	
33	1st L TAM 2d L TEL	.....	*John Twigg*, Balliol College, Oxford.	11 Sep. 79	3 Dec. 79	5 to 7 Jan. 80, Abs. 16 June 81 to 15 June 82, Medl. Cert. 16 June to 12 Dec. 82, Extr. leave. 20 and 21 Augt. 90, Abs. 23 Apl. 93 to 19 Jany. 95 Furlo. 26 Mar. 1900, Furlo. Leave expires, 25 Sep. 1901.	17 0 24	20 11 29	P 2,500 0 0 T 50 0 0 2,550 0 0 ABS A 1,220-5-3 *Subject to a maximum of £1,000 a year.*	Collr, Dist. Magt. and Agent to the Govr., Ganjam—1st Feb. 1899.	Member of the Board of Exrs. *On furlo to Europe for 1 year and 8 months, from 26th Mar.* 1900.
34	1st L TEL 2d L TAM	.....	James Andrew ...	12 Sep. 79	17 Nov. 79	6 July 83, Abs. 22 Mar. 89 to 27 Dec. 90, Furlo. 4 to 7 July 95, Abs. 7 Mar. 98 to 2 Mar. 1900, Furlo.	17 4 9	21 1 14	P 2,500 0 0 T 50 0 0 2,550 0 0	Collr., Dist. Magt. and Govt. Agent, Tanjore—25th Oct. 1897.—VALLAM.	
35	1st L TEL 2d L TAM	URIYA Special Test	Andrew Edmund Castlestuart Stuart, F.G.S., F.L.S., F.R.G.S.	9 Sep. 79	17 Nov. 79	21 July 90, Abs. 13 Nov. 97 to 10 Nov. 99, Furlo.	19 1 14	21 1 14	P 2,333 5 4 T 50 0 0 2,383 5 4	Collr., Magt. and Govt. Agent, Godavari—23rd Dec. 1899.—COCANADA.	
36	1st L TAM 2d L TEL	.....	Alexander Chambers Tate, M.A., Queen's Coll., Belfast, and Trinity Coll., Dublin.	18 Sep. 79	3 Dec. 79	5 to 7 Jan. 80, Abs. 19 Apl. 92, to 13 Apl. 94, Medl. Cert. 21 Dec. 96 to 5 Jany. 97, Abs. 22 Jany. 98 to 10 Nov. 99, Furlo.	17 2 25	21 0 29	P 2,333 5 4	Collr. and Magt. of the Dist., Cuddapah — 6th Jany. 1897 —Ag. Dist. and Sess. Judge, Chingleput—18th July 1900.—CHINGLEPUT.	

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
37	1st L TAM 2d L TEL.	.....	Ramsay Douglas Broadfoot, (*Bar-at-Law*)	8 Sep. 80	27 Dec. 80	6 and 7 Augt. 84, Abs. 11 and 12 July 87, Abs. 3 May 89 to 26 Dec. 90 Furlo. 30 July to 29 Dec 98, Furlo.
38	1st L TEL 2d L HIN.	.....	Henry Moberly...	1 Sep. 80	7 Dec. 80	7 to 11 April 84, Abs. 22 Feb. 90 to 23 Nov. 91, Furlo. 19 Sept. 95 to 13 Mar. 96, Spl. leave. 22 Feb. 97 to 17 Nov. 98, Medl. Cert.
39	1st L TAM 2d L TEL.	.....	*Bannatyne Macleod*, M.A., (*Bar-at-Law*), Clare College, Cambridge.	4 Oct. 80	13 Dec. 80	30 Mar. to 28 Sept. 88, Spl. leave. 12 Aug. 92 to 9 Jun. 94, Furlo. 3 and 4 Nov. 99, Abs. 24 Feb. 1900, Furlo. Leave expires, 23 Feb. 1901.
40	1st L TEL. 2d L TAM	.....	John Hewetson, Balliol College, Oxford.	7 Oct. 80	13 Dec. 80	6 Feb. 89 to 1 Nov. 90, Furlo. 23 June to 16 Dec. 93, Spl. leave. 9 Apl. 98 to 6 Oct. 99 Furlo.
41	1st L TEL 2d L TAM	.....	William Stevenson Meyer, B.A., University College, London.	16 Sep. 81	25 Dec. 81	1 July 86, Abs. 1 Feb. 94 to 4 Nov. 95, Furlo.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
17 11 6	20 0 5	P 2,333 5 4	Dist. and Sess. Judge, S. Arcot—4th Jany. 1899—CUDDALORE.	
16 0 28	20 0 25	P 2,333 5 4	Dist. and Sess. Judge, Madura—23rd Dec. 1890.—MADURA.	Member of the Board of Exrs.
16 10 11	20 0 19	P 2,333 5 4 T 50 0 0 2,383 5 4 ABS. A. 1,151 5 9 *Subject to a maximum of £1,000 a year.*	Collr. and Magt. of the Dist., Anantapur—8th Oct. 1897.	*On furlo. to Europe for 1 year, from 24th Feb. 1900.—Permitted to return to duty.*
16 4 1	20 0 19	P 2,333 5 4	Dist. and Sess. Judge, Tinnevelly—5th Oct. 1899.—PALAMCOTTAH.	
17 3 2	19 0 7	P 2,250 0 0	Dy. Secy. to G. I., Finance and Commerce Dept.—22nd Mar. 1898.—MADRAS.	

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
42	1st L Mal 2d L Tam	... ...	George Whitmore Dance, Trinity Hall, Cambridge.	27 Sep 81	27 Nov. 81	1 July 86, Abs. 20 April 90 to 17 Oct. 91, Furlo. 19 Jan. 95 to 26 Jan. 96, Furlo. 7 May to 3 Nov. 98, Spl. leave.
43	1st L Tel 2d L Tam	.. ...	Harold Arthur Stuart, King's College, Cambridge.	12 Sep. 81	25 Nov. 81	6 Apl. 95 to 13 Mar. 96, Furlo. 25 Mar. 99 to Mar. 1900 Furlo.
44	1st L Tam 2d L Tel	.	Alexander Gordon Cardew, M.A., Queen's College, Oxford.	13 Sep. 81	7 Dec. 82	5 Nov. 86 to 1 May 87, Medl. Cert. 23 Dec 96, Abs. 16 Feb. 99 to Nov. 1900, Medl. Cert.
45	1st L Tel 2d L Can	.....	Matthew Denny Bell, Christ Church, Oxford.	19 Sep. 81	25 Nov. 81	13 Jan. 91 to 5 Nov 92, Furlo. 14 Dec. 95 to 11 Feb. 97, Furlo. 16 to 18 Oct. 1900, Abs.
...	1st L Tam 2d L Mal	.....	*Kalikka Cortalgam Munagedan Raja*, B.A., Madras Univy.	4 June 80	26 Aug. 82	27 Jan. to 15 Feb. 81, Lv. without Allce. 16 June 85 to 8 Jany. 86, Lv. without Allce. 16 to 27 Nov. 86, Lv. without Allce. 2 Dec. 95 to 20 May 96, Furlo.
46	1st L Tam 2d L Tel	.....	David Doig Murdoch, University of Aberdeen & King's Coll., Cambridge.	18 Sep. 82	7 Dec. 82	10 Sep. 90 to 6 Dec. 91, Medl Cert. 21 Mar. to 13 Sep. 93, Spl. leave. 28 Apl. 98 to 19 Oct. 99, Furlo.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
16 0 29	19 1 4	P 2,333 5 4 T 50 0 0 2,383 5 4	Collr. and Magt. of the Dist., Malabar—10th Augt. 1897.—Calicut.	*Granted furlo. for 1 year.*
17 2 1	19 1 6	P 2,333 5 4 A A 166 10 8 2,500 0 0	Collr. and Magt. of the Dist., Bellary—8th Oct. 1897.—Ag. Inspr.-Genl. of Police—3rd Apl. 1900.—Madras.	
15 9 11	18 0 25	P 2,333 5 4 L A 200 0 0 2,533 5 4	Collr. and Magt. of the Dist., N. Arcot—17th Nov. 1899. —Ag. Collr. of Sea Customs and of the Madras Dist., Protector of Emigrants, Supt. of Stamps and Stationery and Chairman, Harbour Trust Board—20th Nov 1900.—Madras.	Draws also L. A. of Rs. 400 as Chairman, Harbour Trust Board.
16 1 8	19 1 6	P 2,333 5 4	Dist. and Sess. Judge, Vizagapatam—3rd Jany. 1899.—Vizagapatam.	
19 5 19	20 6 27	P 1,493 5 4	Dist. and Sess. Judge, N. Arcot—10th Mar. 1897.—Chittoor.	
14 10 12	18 0 25	P 2,333 5 4 T 50 0 0 2,833 5 4	Collr. and Magt. of the Dist., Chingleput—4th Jany. 1899.—Ag. Collr. and Magt. of the Dist., S. Canara—3rd Nov. 1899.—Mangalore.	

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
47	1st L TAM 2d L TAM	URIYA. Special Test. High Profy.	William Ogilvie Horne, Trinity College, Oxford.	5 Oct. 82	7 Dec. 83	10 and 11 Oct. 91, Abs. 31 Mar. 94 27 Mar 96 Furlo.
...	.....	.....	*Muhammad Raza Khan.*	30 Nov. 82	30 Nov. 82	7 to 28 Sept. 86, Extra Leave.
			CLASS IV, *from* 13 *to the end*			
48	1st L TAM 2d L TEL	.....	Reginald Heber Shipley, Balliol College, Oxford.	27 Sep 83	20 Dec. 83	11 Mar. 93 to 9 Mar. 95, Furlo. 16 May to 13 Nov. 96, Spl. leave. 13 Mar. to 14 Nov. 99, Furlo.
49	1st L TEL 2d L TAM	.....	Leslie Creery Miller, Trinity College, Dublin.	6 Sep. 83	28 Nov. 83	12 and 13 Dec. 89, Abs. 2 Mar. 99 to 12 Mar 1900, Furlo.
50	1st L TEL 2d L TAM	.....	Edgar Alfred Elwin, Balliol College, Oxford	7 Sep. 83	7 Nov. 83	5 Augt. 94 to 27 July 94, Medl. Cert.
51	2d L URI	.....	Bernard Houghton, B.A., M.R.A.S., Trinity College, Dublin.	6 Oct. 84	23 Jan. 85	30 Apl. 93 to 19 Apl. 95, Furlo. 19 Dec. 95 to 18 Dec. 96, Extra leave to China. 28 to 31 Dec. 96, Abs.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
16 0 26	18 0 25	P 2,500 0 0 T 50 0 0 2,550 0 0	Collr., Dist. Magt. and Agent to the Govr., Vizagapatam—22nd Mar. 1898. VIZAGAPATAM.	
18 0 9	18 1 1	P 1,493 5 4 T 50 0 0 1,543 5 4	Collr. and Magt. of the Dist., Kurnool—15th May 1898.—KURNOOL.	
of 18 years.				
13 10 14	17 0 12	P 2,333 5 4 T 50 0 0 2,383 5 4	Collr. and Magt. of the Dist., Trichinopoly — 1st Augt. 1898.—TRICHINOPOLY.	
16 0 20	17 1 3	P 2,333 5 4	Collr. and Magt. of the Dist., Madura—1st Feb. 1899.—Ag. Dist. and Sess. Judge, Salem—23rd Mar. 1900.—SALEM.	
15 2 1	17 1 24	P 2,333 5 4 T 50 0 0 2,383 5 4	Collr. and Magt. of the Dist., Tinnevelly — 19th Dec. 1898.—Ag. Collr. and Magt. of the Dist., Anantapur—19th Feb. 1900.—ANANTAPUR.	
12 11 15	15 11 9	P 1,800 0 0 AA 450 0 0 2,250 0 0	Dy. Commr., 2nd Grade, Burma—4th July 1898.—Offg. in 1st Gr.—9th Jany. 1900.—KATHA.	Permanently transferred to Burma.—G.O., No. 21, Pub., dated 17th Jan. 1898.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival	9 Total Service from date of arrival	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
							y. m. d.	y. m. d.	Rs. a. p.		
52	1st L Tam 2d L Hin	.....	Robert Morris, M.A., University of Glasgow and University College, London.	16 Sep. 84	12 Jan. 85	17 Oct. 95 to 16 Oct. 97 Furlo.	13 11 20	15 11 20	P 2,333 5 4 T 50 0 0 2,383 5 4	Collr. and Magt. of the Dist., Kistna — 4th Jany. 1899.—Masulipatam.	
53	1st L Tel 2d L Tel	.....	Robert Bailey Clegg, Balliol College, Oxford.	11 Sep. 84	12 Jan. 85	2 Feb. 91 to 27 Jan. 93 Medl. Cert. 11 Nov. 93 to 11 Feb. 94 Spl. leave. 23 Mar. 96, to 22 Sep. 97 Medl. Cert. 23rd Sep. 97, Abs.	12 2 21	15 11 20	P 2,333 5 4 T. 50 0 0 2,383* 5 4	Dist. and Sess. Judge, Godavari—3rd Jany. 1899.—Ag. Collr. and Magt. of the Dist., Salem.—31st May 1898.—Salem.	
54	1st L Tam 2d L Tel	.....	Lionel Maling Wynch, B.A., Balliol College, Oxford.	11 Sep. 84	7 Dec. 85	1 Mar. 96 to 5 Nov. 97, Furlo.	13 4 20	15 0 25	P 2,333 5 4 T 50 0 0 2,383 5 4	*Collr. and Magt. of the Dist., S. Arcot—23rd Dec. 1899.	Member of the Bd. of Exrs. On priv. leave for 3 months, from 20th Sept. 1900.
55	1st L Tel 2d L Tam	.....	*Arthur Francis Pinhey*, J. P., Trinity College, Oxford.	15 Sep. 84	3 Nov. 84	22 Mar. 93 to 16 Dec. 94, Furlo. 11 Nov. 99, Furlo. Leave expires, 30 Dec. 1900.	13 3 11	16 1 28	P 1,166 10 8 T 35 0 0 1,201 10 8 Abs A 887 7 7 *Subject to a maximum of £1,000 a year.*	Sub-Collr. and Joint Magt., Malabar—5th Dec. 1897.	Magt., 1st Class. *On furlo. to Europe for 1 year, from 11th Nov. 1899.—Eaten up to 30th Dec. 1900.—Permitted to return to duty.* To act as Collr. and Magt. of the Dist., Malabar.
56	1st L Tel 2d L Tam	Uriya. Special Test.	Herbert Douglas Taylor, St. Peter's College, Cambridge.	18 Sept. 85	7 Dec. 85	28 to 31 Oct. 90, Abs. 18 Apl. to 12 Dec. 96, Furlo. 1 July to 19 Oct. 99, Spl. Leave.	14 1 7	15 0 25	P 1,166 10 8 A A 888 14 3 T 50 0 0 2,105 8 11	Princl. Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—1st Nov. 1896.—Ag. Collr., Dist. Magt. and Agent to the Govr., Ganjam—1st Nov. 1899.—Chatrapur.	

* Vide note in page 21.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave.
57	1st L TEL 2d L TAM	.....	Reginald Childers Culling Carr, *(Bar-at-Law)*, Trinity College, Oxford.	16 Sept. 85	7 Dec. 85	27 Dec. 91 to 24 Dec. 92, Medl. Cert. 16 Apl. 98 to 30 Oct. 99, Furlo.
58	1st L CAN 2d L TAM	.....	*Alan Butterworth*, J.P., Balliol College, Oxford.	28 Sept. 85	15 Dec. 85	2 May 95 to 31 Oct. 96, Furlo. 28 Jany. 99 to 27 Jany. 1900. Medl. Cert. 28 Jany. 1900, Extra leave. Leave expires, 27 Dec. 1900.
59	1st L TAM 2d L TEL	Tam High Profy.	Richard Hamilton Campbell, J. P., Edinburgh University.	30 Sept. 85	18 Dec. 85	20 to 22 Feb. 86, Abs. 17 Apl. 97 to 18 Jany. 99, Furlo.
60	1st L TEL. 2d L TAM	CAN. High Profy.	Donald William Garden Cowie, M.A., *(Bar-at-Law,)* Balliol College, Oxford.	27 Sept. 85	30 Nov. 86	18 and 19 Nov. 90, Abs 14 Dec. 95 to 11 July 96, Furlo.
61	1st L TAM 2d L MAL	.....	Henry Venn Cobb, B.A., LL.B., Trinv. College, Cambridge.	24 Sept. 85	18 Nov. 86	17 Apl. 97 to 15 Dec. 98, Furlo.

138

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
12 6 11	15 0 25	P 1,166 10 8 A A 777 12 5 T 50 0 0 1,994 7 1	Sub-Collr. and Joint Magt., Coimbatore—8th Jany. 1900.—Ag. Collr. and Magt. of the Dist., Bellary—10th Nov. 1899.—BELLARY.	
11 7 13	15 0 17	*Nil.*	.....	*On furlo. on Medl. Cert. to Europe for 1 year, from 28th Jany. 1899.—Extra leave on Medl. Cert. without pay for 11 months thereafter.—Permitted to return to duty.* To act as Collr. and Magt. and Addl. Sess. Judge, the Nilgiris.
13 3 9	15 0 14	P 1,166 10 8 A A 777 12 5 T 50 0 0 1,994 7 1	Sub-Collr. and Joint Magt., Salem—4th Jany. 1899.—Ag. Collr. and Magt. of the Dist., N. Arcot—7th Apl. 1899—CHITTOOR.	
13 6 0	14 1 1	P 1,166 10 8 T 35 0 0 1,201 10 8	Prl. Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam—9th Dec.	Spl. Member, Bd. of Exmrs.
12 5 14	14 1 13	P 1,500 0 0 A A 300 0 0 1,800 0 0	Pol. Agent, 2nd Cl.—22nd Oct. 1899.—Offg. in 1st Cl.—4th Augt. 1900.—Asst. to the Resident in Kashmere—KASHMERE.	Furnished house provided rent free by the Kashmere Durbar.

139

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
							y. m. d.	*y. m. d.*	*Rs. a. p.*		
...	1st L Tam 2d L Tel	... ...	*Tiruvarur Muttuswami Aiyar Swaminatha Aiyar*, B.A., Madras University.	21 Dec 83	27 Jan. 86	14 Aug. to 12 Dec. 90, Medl. Cert.	16 8 12	17 0 11	P 746 10 8 A A 497 12 5 1,244 7 1	Sub-Collr. and Joint Magt., Chingleput — 26th Feb. 1898.—Ag. Dist. and Sess. Judge, Nellore—11th Sept. 1896.—Nellore.	
62	1st L Tam. 2d L Tel	... ...	James Walker, University of Aberdeen and Balliol College, Oxford.	14 Sept. 86	1 Dec. 86	17 July 91 to 30 Oct. 92, Medl. Cert. 12 and 13 Nov. 95, Abs. 26 June to 18 Sep. 96, Spl. leave.	12 6 20	14 1 0	P 1,666 10 8 A A 166 10 8 1,833 5 4	Dy. Commr., 2nd Class, Central Provinces—24th May 1897. — Offg. Dy. Commr., 1st Class, 2nd Divn. — 7th May 1898.—Nimar.	Permanently transfd. to Central Provinces. —G.O., No. 509A, Pub., dated 2nd Apl. 1898.
63	1st L Tam 2d L Tel	... ...	Norman Somerville Brodie, M.A., Christ Church, Oxford.	13 Oct. 86	12 Dec. 87	13 Jany. 98 to 9 Jany. 99, Furlo.	12 0 22	13 0 20	P 1,680 0 0 A A 466 10 8 2,146 10 8	Secy. to the Commr. of Salt, Abkâri and Separate Rev.—9th Nov. 1897.—Ag. Dist. and Sess. Judge, N. Malabar—12th Nov. 1900.—Tellicherry.	
64	1st L Tam 2d L Tel	Tam High Profy.	Herbert Olive Denman Harding, Balliol College, Oxford.	14 Sept. 86	8 Dec. 86	16 Mar. 95 to 27 Nov. 96, Furlo. 23 June 97 to 14 July 97 Medl. Cert.	12 3 20	14 0 24	P 1,166 10 8 A A 777 12 5 T 50 0 0 1,994 7 1	Sub-Collr. and Joint Magt., Cuddapah — 22nd Mar. 1898. — Ag. Collr. and Magt. of the Dist., Cuddapah—29th June 1898.—Cuddapah.	
65	1st L Tel. 2d L Tam	...	James Hame Munro, J.P., Emmanuel College, Cambridge.	15 Sept. 86	21 Nov. 86	10 Nov. 91 to 9 May 92, Spl. leave. 10 May to 6 Nov. 92 Extra leave. 29 Jan. to 27 July 93 Extra leave. 13 Mar. to 9 Dec. 98, Furlo.	11 10 14	14 1 10	P 1,166 10 8 A A 777 12 5 1,944 7 1	Sub-Collr. and Joint Magt., Nellore—9th Dec. 1898.—Ag. Dist. and Sess. Judge, Godavari—24th Jany. 1899.—Rajahmundry.	

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
							y. m. d.	*y. m. d.*	*Rs. a. p.*		
66	1st L Tam. 2d L Tel	.....	John George Denman Partridge, J.P., University College, London.	2 Oct. 86	15 Jany. 87	17 Mar. 91 to 6 Sep. 91, Spl. leave. 1 Aug. 95 to 31 Jan. 97, Furlo. 14 Nov. 99. Abs. 18 July 1900, Furlo. Leave expires, 17 July 1901.	11 6 12	13 11 17	P 1,166 10 8 T 35 0 0 1,201 10 8 ABS. A. 873 11 7 *Subject to a maximum of £1,000 a year.*	Sub-Collr. and Joint Magt., Tinnevelly—29th May 1898.	*On furlo. to Europe for 1 year, from 18th July 1900.*
...	1st L Tam 2d L Tel	.....	*Tumalapalli Varada Rao*, B.A., B.L., Madras University.	24 July 85	17 Aug. 87	15 Jan. to 14 May 86, Medl. Cert. 3 Aug. 91 to 1 Feb. 92, Spl. Leave. 17 Oct. to 7 Nov. 92, Extra leave.	14 10 16	15 5 8	P 650 0 0	Sub-Judge, 2nd Gr., Madura (East)—13th Mar. 1899.—Madura.	Magt., 1st Class.
67	1st L Mal. 2d L Tam	.....	*John Kaye Batten*, J.P., Oriel College, Oxford.	8 Sept. 87	29 Nov. 87	17 Nov. 1900, Sp. Leave. Leave expires, 16 May 1901.	12 11 18	13 1 2	P 1,666 10 8 A A 166 10 8 1,833 5 4 ABSA 1,833 5 4 *Up to 16th Jany. 1901, and thereafter Rs. 189-2-1*	Dy. Commr., 2nd Cl.—19th Apl. 1899.—Offg. Civil and Sess. Judge, Hyderabad Assigned Dists.—19th Apl. 1899.	Permanently transferred to Berar.—*On Spl. leave for 6 months, from 17th Nov. 1900.*
68	1st L Tel. 2d L Ust	.....	*Walter Henry Michael*, J.P., Balliol College, Oxford.	9 Sept. 87	5 Dec. 87	1 to 4 Nov. 92, Abs. 20 to 23 Jan. 98, Abs.	12 3 19	13 0 27	P 1,166 10 8 T 35 0 0 1,201 10 8	Sub-Collr., Joint Magt. and Prl. Asst. to the Collr., Magt. and Govt. Agent, Godavari—18th Nov. 1899.	Magt., 1st Class. *On furlo. for 18 months.*

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
69	1st L Tel 2d L Uri	.....	Graham Warburton Elphinstone, Trinity Coll., Cambridge	19 Sep. 87	10 Nov. 87	13 Nov. 97 to 10 Nov. 99, Furlo.
70	1st L Tel 2d L Tam	.....	Ernest Llewellyn Vaughan, J.P., Emmanuel College, Cambridge.	16 Sep. 87	15 Nov. 87	20 Mar. to 17 Nov. 94, Medl. Cert. 19 Nov. 98 to 2 Nov. 99, Furlo.
71	1st L Tam 2d L Tel	.....	Llewellyn Eddison Buckley, J.P., New College, Oxford.	19 Sep. 87	17 Nov. 87	7 May to 5 Nov. 92, Medl. Cert. 15 Nov. 99 to 10 Nov. 1900.
72	1st L Tam L Tel	.....	John Arthur Cumming, Aberdeen University and Balliol College, Oxford.	12 Oct. 87	16 Dec. 87	28 Dec. 95 to 27 July 97, Furlo.
73	1st L Tam 2d L Hin	.....	Oswald Vivian Bosanquet, New College, Oxford.	17 Sep. 87	17 Nov. 87	4 and 5 July 91, Abs.

8 Actual Service up to 1st Jan. 1901, from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
11 1 13	13 1 12	P 1,166 10 8 A A 777 12 5 1,944 7 1	Sub-Collr. and Joint Magt., Tanjore—23rd Dec. 1899.—Ag Dist. and Sess. Judge, Kurnool—19th Nov. 1900.—Kurnool.	
11 6 2	13 1 16	P 1,166 10 8 T 35 0 0 1,201 10 8	Sub-Collr. and Joint Magt., N. Arcot—13th Nov. 1899.—Vellore.	Magt., 1st Class.
11 8 18	13 1 14	P 768 5 4 A A 1,043 5 4 T 50 0 0 1,861 10 8	Head Asst. to the Collr., Magt. and Govt. Agent, Godavari—19th Nov. 1899.—Ag. Collr. and Magt. of the Dist., Tinnevelly—7th Dec. 1900.—Tinnevelly Railway Station.	*On sub leave.*
11 5 16	13 0 16	P 1,166 10 8 A A 777 12 5 T 50 0 0 1,994 7 1	Sub-Collr. and Joint Magt., Kistna.—23rd Dec. 1899.—Ag. Collr. and Magt. of the Dist., Madura—16th July 1900.—Madura.	
13 1 12	13 1 14	P 1,500 0 0	Pol. Agent, 2nd Class—1st Apl. 1900.—Pol. Agent in Bhopawar—16th Feb. 1899.—Bhopawar.	To officiate as an Addl. Resident, 2nd Class, and Resident at Indore.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave.
74	1st L Tel 2d L Tam	.....	Arthur Trevor Forbes, Christ's College, Cambridge.	18 Oct. 87	29 Nov. 87	30 Mar. 90 to 29 Mar. 91, Medl. Cert. 30 Mar. 91 to 23 Nov. 91, Extra leave.
75	1st L Tel. 2d L Tam	.....	Edwin Scott, J.P., University College, London.	16 Oct. 86	15 Jany. 87	11 Nov. 94 to 23 Oct. 95, Medl. Cert.
76	1st L Tam 2d L Tel	Sans. High Profy.	*Lionel Davidson*, J.P., B.A., Balliol College, Oxford.	1 Sep 88	22 Dec. 89	Apl. 1900, Furlo. Leave expires, 6 Dec. 1900.
77	1st L Tam 2d L Tel	.....	William Bock Ayling, J.P., Magdalene College, Cambridge.	18 Oct. 88	30 Jan. 89	13 July 94 to 12 Jany. 95, Spl. leave. 13 to 15 Jan. 95, Leave without Allce. 23 Mar. 99 to 26 Oct. 00. Furlo.
78	1st L Tel 2d L Tam	.....	Francis Cotton Parsons, J.P., Trinity College, Cambridge.	18 Oct. 88	30 Jan. 89	25 to 29 Mar. 93, Abs. 8 to 20 Jan. 94, Medl. Cert.
79	1st L Tel 2d L Tam	.....	Herbert Francis Webb Gillman, Emmanuel College, Cambridge.	31 Augt. 88	1 Dec. 88	9 and 10 Nov. 92, Abs.

8 Actual Service up to 1st Jan. 1901, from date of arrival.	9 Total Service up to 1st Jan. 1901, from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
11 5 7	13 1 2	P 1,500 0 0 H R 125 0 0 1,625 0 0	Post Master-Genl., Bengal, 2nd Gr.—28th Sep. 1899.—Calcutta.	
13 0 4	13 11 17	P 1,166 10 8 T 35 0 0 1,201 10 8	Sub-Collr. and Joint Magt., S. Arcot—15th May 1899. —Ag. Sub-Collr. and Joint Magt., Tanjore—5th Oct. 1899.—Negapatam.	Magt., 1st Class.
10 3 16	11 0 10	P 1,500 0 0 Abs A 669 3 11 *Subject to a minimum of £500 a year.*	Secy. to the Commrs. of Land Rev.—8th Jan. 1900.	*On furlo. to Europe for 1 year and 8 months, from 7th Apl. 1900.*
9 9 24	11 11 2	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr. and Magt. of the Dist., Tanjore —3rd Nov. 1895.—Ag. Sub-Collr. and Joint Magt., Tinnevelly—1st Nov. 1900. —Tuticorin.	Magt., 1st Class.
11 10 14	11 11 2	P 768 5 4 A A 1,043 5 4 D A 150 0 0 T 50 0 0 2,011 10 8	*Spl. Settlt. Officer, Malabar and S. Canara, and Spl. Asst. to the Collrs. of those Districts—21st Feb. 1900. —Calicut.	Magt. 1st Class.
12 0 28	12 1 0	P 1,850 0 0	Collr. of the Vizianagram Zamindari—26th Augt. 1898.	

*Mr. Parsons retains a right to return to such permanent appt., as he may be entitled to according to his position in the Service when he reverts to the regular line. On such reversion, the Junior permanent officer in each grade concerned will have to revert to the next lower grade.—(*Vide* G. O., No. 320, Pub., dated 2nd Apl. 1900.)

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
80	1st L Tam 2d L Tel	.....	William Ellis Jardine, Trinity College, Cambridge.	5 Sep. 88	20 Feb. 89	5 to 8 Aug. 93, Abs. 18 to 22 Dec. 96, Abs.
						CLASS V,
81	1st L Can 2d L Tam	.....	*Andrew Mure Slight*, J.P., Balliol College, Oxford.	2 Sep. 89	12 Nov. 89	23 Mar. 1900, Furlo. Leave expires, 22 Sep. 1901.
82	1st L Tam 2d L Mal	.....	John Herbert Robertson, Balliol College, Oxford.	28 Aug. 89	29 Nov. 89	8 Jan. 94 to 2 Nov. 95, Medl. Cert.
83	1st L Tam 2d L Tel	.....	*James Perch Bedford*, J.P., Balliol College, Oxford.	27 Sept. 89	14 Dec. 89	25 Nov. 91 to 20 Nov. 92, Medl. Cert.
84	1st L Tam 2d L Hin	.....	Atul Chunder Dutt, Christ's College, Cambridge.	17 Oct. 89	14 Jan. 90	19 Nov. 92 to 22 Aug. 93 Medl. Cert. 24 July 94 to 21 Jany. 95, Medl. Cert. 18 Apl. to 12 Oct. 1900, Furlo.
...	1st L Tam 2d L Tel	.....	*Perungavur Rajagopala Chariyar*, M.A., B.L., Madras University.	18 Feb. 88	2 May 90	.....

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
11 10 3	11 10 12	P 1,000 0 0 A A 200 0 0 1,200 0 0	Pol. Agent, 4th Class—16th May 1899.—Offg. Pol. Agent, 3rd Class—4th Apl. 1899.—First Asst. and Secy. for Berar to the Resident at Hyderabad—13th May 1900.	
Under 12 years.				
10 4 10	11 1 19	P 768 5 4 T 35 0 0 803 5 4 Abs. A. 618 8 0 *Subject to a minimum of £500 a year.*	Head Asst. to the Collr. and Magt. of the Dist., Tinnevelly.	Magt., 1st Class. *On furlo. to Eur. for 9 months, from 23rd Mar. 1900.—Extn. for 9 month.*
9 3 6	11 1 2	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Spl. Asst. to the Collr. and Magt. of the Dist., Malabar —29th May 1898.—Ag. Sub-Collr. and Joint Magt., Cuddapah—29th Oct. 1900 —Madanapalle.	
10 0 4	11 0 18	P 768 5 4 Abs A 680 3 3 T 35 0 0 803 5 4 *Subject to a minimum of £500 a year.*	Head Asst. to the Collr. and Magt. of the Dist., Bellary —26th Nov. 1898.—Ag. Collr., and Magt. of the Dist., Tinnevelly — 9th June 1899 — Tinnevelly Railway Station.	*On furlo to Eur. for 1 year, from 15th Dec. 1900.*
9 2 20	10 11 18	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr. and Magt. of the Dist., Kistna —16th Dec. 1898.—Ag. Sub-Collr. and Joint Magt., Chingleput—6th Nov. 1900. —Chingleput.	Magt., 1st Class.
12 10 13	12 10 13	P 1,150 0 0	Asst. to the Collr. and Magt. of the Dist., Madura —7th May 1894.—Diwan to His Highness the Raja of Cochin for 5 years—18th Dec. 1896.—Cochin.	

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave.
85	1st L TEL 2d L TAM	SANS. High Profy	Vengal Venugopal Chetti, B.A., Madras University & Christ's College, Cambridge.	8 Sep. 90	21 Nov. 90	.....
86	1st L TEL 2d L TAM	URIYA Spl. Test	Ernest Barnes Elwin, Balliol College, Oxford.	10 Sep. 90	5 Jany. 91	16 Mar. 99 to 13 Sept. 00, Furlo.
87	1st L TEL 2d L TAM	.....	Charles Gordon Spencer, J.P., Keble College, Oxford.	28 Aug. 90	26 Nov. 90	17 Nov. 91 to 16 Nov. 92, Medl. Cert. 17 to 20 Nov. 92, Extra leave. 18 to 21 Aug. 99, Abs.
88	1st L TAM 2d L TEL	.....	Walter Francis, Corpus Christi College, Oxford.	28 Aug. 90	11 Nov. 90	7 Oct. 97 to 6 Dec. 98, Medl. Cert. 7 to 9 Dec. 98, Extra leave.
89	1st L TAM 2d L TEL	.....	Charles George Todhunter, King's College, Cambridge.	1 Sep. 90	26 Nov. 90	.....

8 Actual Service up to 1st from date of arrival.	9 Total Service Jan. 1 1901	10 Salary and Allowances.	1 Appointments—Stations.	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
10 1 10	10 1 10	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr., Magt. and Agent to the Govr., Vizagapatam—1st Nov. 1896.—Ag. Sub-Collr. and Joint Magt., Nellore.—14th Oct. 1900.—ONGOLE.	
8 5 28	9 11 27	P 768 5 4 A A 687 12 5 T 35 0 0 1,491 1 9	Spl. Asst. to the Collr., Magt. and Agent to the Govr., Vizagapatam—2nd Nov. 1896.—Ag. Collr. and Magt. of the Dist., S. Arcot—21st Sept. 1900—CUDDALORE.	Ag. 2nd Gr. Collr.
9 0 27	10 1 5	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr. and Magt. of the Dist., Nilgiris—15th Nov. 1896.—Ag. Sub-Collr. and Joint Magt., Salem—21st June 1898.—HOSUR.	Magt., 1st Class.
3 11 17	10 1 20	P 1,000 0 0 A A 166 10 8 D A 400 0 0 1,566 10 8	Under Secy. to Govt., Rev. Dept.—7th Dec. 1898.—Provl. Supt. of Census Operations—2nd April 1900.—MADRAS.	
10 1 5	10 1 5	P 1,280 0 0	Dy. Commr. of Salt, Abkâri and Customs Dept., N. Divn.—23rd Jany. 1900.	Services are temply. placed at the disposal of the G. I., Home Dept., for empt. in the Kashmir State for 4 months.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
90	1st L Tel 2d L Tel	.....	William Watkin Phillips, New College, Oxford.	9 Sep. 90	25 Nov. 90	8 Dec. 94 to 23 Oct. 95, Medl. Cert.
91	1st L Tel 2d L Uri	Uriya Spl. Test.	Percival Stanley Pitcairn Rice, J. P., New College, Oxford.	2 Oct. 90	8 Dec. 90	4 Apl. 99 to 3 Sep. 1900. Furlo.
92	1st L Tel 2d L Tam	....	*Francis DuPré Oldfield*, Trinity College, Cambridge.	10 Sep. 90	11 Nov. 90	10 to 13 June 98, Abs. 14 May 1900, Furlo. Leave expires, 13 Nov. 1901.
93	1st L Tam 2d L Tel	....	Matthew Joseph Murphy, J.P., Royal University of Ireland and Trinity College, Dublin.	7 Oct. 91	21 Dec. 91	23 Oct. 95, Abs.
94	1st L Tam 2d L Tel	....	Reginald Fearn Grimely, J.P., Balliol College, Oxford	18 Sep. 91	9 Nov. 91	18 Jany. to 17 July 96. Spl. leave. 18 July 96, Abs. 14 Jany. 99 to 29 June 1900, Furlo.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
9 2 20	10 1 6	P 768 5 4 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr. and Magt. of the Dist., Kurnool —13th July 1897.—Ag. Prl. Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam—12th Mar. 1899.—Vizianagram	
8 7 24	10 0 24	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr. and Magt. of the Dist., Malabar —16th July 1897.—Ag. Sub-Collr., Joint Magt. and Prl. Asst. to the Collr., Magt. and Govt. Agent, Godavari —12th Sept. 1900.—Rajahmundry.	Magt., 1st Class.
9 5 28	10 1 20	P 768 5 4 T 35 0 0 803 5 4 Abs A 565 9 9 *Subject to a minimum of £500 a year.*	Head Asst. to the Collr. and Magt. of the Dist., Coimbatore—26th Feb. 1898.	*On furlo. to Europe for 1 year and 6 months, from 14th May 1900.*
9 0 10	9 0 11	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Senior Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam—15th May 1898.—Ag. Sub-Collr. and Joint Magt., Malabar—26th Oct. 1899. —Tellicherry.	Magt., 1st Class.
7 2 4	9 1 22	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Spl. Asst. to the Collr. and Magt. of the Dist., Tinnevelly—4th July 1900—Ag. Sub-Collr. and Jt. Magt., S. Arcot — 4th July 1900.—Tindivanam.	Magt., 1st Class.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
95	1st L Mal 2d L Tam	.....	Arthur Rowland Knapp, Christ Church, Oxford	7 Sep. 91	20 Nov. 91	27 Oct. 94 to 26 Oct. 95, Medl. Cert. 27 Oct. 95 to 22 Oct. 96 Extra leave.
96	1st L Tam 2d L Tel	.....	Francis Samuel Alfred Slocock, J.P., Trinity College, Oxford.	28 Sep. 91	10 Dec. 91	.....
97	1st L Can 2d L Tam	.....	Robert Arthur Graham, J.P., Brasenose College, Oxford.	23 Sep. 91	11 Nov. 91	.....
98	1st L Tel 2d L Tam	.....	Alexander Lidderdale Hannay, King's College, Cambridge.	19 Sep. 91	5 Dec. 91	31 Jan. 97 to 27 Jan. 98 Medl. Cert.
99	1st L Tel 2d L Tam	Uriya Spl Test.	Edward Labouchere Rathven Thornton, J.P., King's College Cambridge.	21 Sep. 91	5 Dec. 91	11 Feb. to 10 Aug 98, Spl. Leave. 11 Aug. 99, Abs.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
7 1 15	9 1 11	P 1,050 0 0	Under Secy. to Govt. in the Depts. under the Chief Secy—1st Feb. 1899.—Madras.	
9 0 22	9 0 22	P 800 0 0 A A 355 8 10 1,155 8 10	Asst. Commr., 1st Cl., Central Provinces—27th Oct. 1898.—Offg. Dy. Commr., 3rd Cl.—2nd May 1898.—Sambalpur.	
9 1 20	9 1 20	P 768 5 4 A A 487 12 5 1,256 1 9	Head Asst. to the Collr. and Magt. of the Dist., South Canara—9th Dec. 1898.—Ag. Secy. to the Commr. of Salt, Abkâri and Separate Rev.—6th Nov. 1900.—Madras.	
8 0 29	9 0 27	P 1,590 0 0	Regr. of the High Court of Judicature—17th Feb. 1898.—Madras.	
6 26	9 0 27	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr. and Magt. of the Dist., Madura—19th Dec. 1898.—Ag. Sub-Collr. and Joint Magt., Coimbatore — 21st Aug. 1899.—Erode.	Magt., 1st Class.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
100	1st L Tam 2d L Tel	.....	Alexander Robertson Cumming, Aberdeen, University and Balliol College, Oxford.	14 Sep. 92	18 Dec. 92	10 Sept. 97 to 8 Sep. 98, Medl. Cert.
101	1st L Tam 2d L Tel	.....	Lewis Grenville Moore, J.P., Worcester College, Oxford.	21 Sep 92	12 Dec. 92	3 Feb. 93, Abs. 14 to 17 Aug. 96, Abs. 29 Nov. to 1 Dec. 99, Abs.
102	1st L Tam 2d L Tel	.....	Mahimohun Ghose, Balliol College, Oxford	8 Sep. 92	11 Feb. 93	13 & 14 Jany. 97, Abs. 23 Nov. 97 to 22 Dec. 98, Medl. Cert. 23 Dec. 98 to 2 Jan. 99, Abs.
103	1st L Tam 2d L Tel.	.....	Stewart William Graham Iver MacIver, J.P., Emmanuel College, Cambridge.	20 Oct. 92	20 Dec. 92	14 Oct. 93 to 7 Apl. 94, Spl. leave.
104	1st L Tel 2d L Tam	.....	Matthew Young, J.P., Trinity College, Cambridge.	3 Oct. 92	25 Nov. 92	13 Oct. 96 to 8 Oct. 97, Medl. Cert.

8 Actual Service up to 1st from date	9 Total Service Jan. 1901 of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
7 0 15	8 0 14	P 768 5 4 A A 487 12 5 1,256 1 9	Senior Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—4th Jany. 1899.—Ag. Secy. to the Commrs. of Land Rev.—1st Nov. 1900.—MADRAS.	Member of the Equitation Board.
8 0 12	8 0 20	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr. and Magt. of the Dist., Anantapur—3rd Jany. 1899.—Ag. Pri. Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—5th Feb. 1899.—BERHAMPUR.	Magt., 1st Class. Also Addl. Sess. Judge for the trial of such cases as may arise within the Agency tracts in the District. *Granted furlo. for 1 year and 8 months.*
6 9 5	7 10 18	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Spl. Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—1st Feb. 1899.—Ag. Sub-Collr. and Joint Magt., Kistna—17th July 1600.—GUNTOOR.	Magt., 1st Class.
7 6 17	8 0 12	P 768 5 4 A A 265 8 11 T 35 0 0 1,068 14 3	Head Asst. to the Collr. and Magt. of the Dist., N. Arcot—23rd Dec. 1899.—Ag. Sub-Collr. and Joint Magt., Madura—Oct. 1899.—DINDIGUL.	Magt., 1st Class.
7 1 10	8 1 6	P 768 5 4 T 35 0 0 803 5 4	Head Asst. to the Collr. and Magt. of the Dist., Salem.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Tinnevelly.—17th Nov. 1900.—SHERMADEVI.	Magt., 1st Class.

* Vide note in page 41.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave
105	1st L Tel 2d L Tam	.....	John Williams Hughes, J.P., Clare College, Cambridge.	16 Sep. 92	25 Nov. 92	.....
106	1st L Tel 2d L Can	.....	Julian James Cotton, B.A., Corpus Christi College, Oxford.	18 Nov. 93	24 Dec. 93	8 Dec. 94 to 7 Dec. 95, Medl. Cert. 8 to 20 Dec. 95, Extra leave.
107	1st L Mal 2d L Tam	.....	James Thomas Gillespie, B.A., Royal University of Ireland and Emmanuel College, Cambridge.	27 Oct. 93	21 Dec. 93	.....
108	1st L Can 2d L Tam	.....	Malcolm Edward Couchman, B.A., Christ Church, Oxford.	23 Oct. 93	7 Dec. 93	13 Sep. 95 to 12 Mar. 96, Spl. leave. 13 Mar. to 5 Sept. 96, Extra leave.
109	1st L Tel 2d L Tam	.....	William Lys, B.A., J. P., Brasenose College, Oxford.	27 Oct. 93	10 Dec. 93	.....

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
8 1 6	8 1 6	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Madura.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Madura—17th Oct. 1900.—Ramnad.	Magt., 1st Class.
5 11 24	7 0 8	P 560 0 0 A A 200 0 0 760 0 0	Asst. to the Collr. and Magt. of the Dist., Salem—8th Jany. 1898.	On Spl. duty in the Chief Sect. for 6 months—7th Nov. 1900.—Madras.
7 0 11	7 0 11	P 880 0 0	Dy. Regr., High Court, Appl. Side—13th June 1897.—Madras.	
6 1 1	7 0 25	P 900 0 0	First Asst. Commr. and Dist. Magt., Coorg—10th Feb. 1898.—Coorg.	
7 0 22	7 0 22	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam.—Ag. Senior Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam.	Magt., 1st Class.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave.
110	1st L TAM 2d L TEL	.....	Norman Edward Marjoribanks, Royal University of Ireland (Queen's Coll., Belfast) and Trinity Hall, Cambridge.	2 Sep. 93	29 Oct. 93	....
111	1st L TAM 2d L MAL	.....	*Arthur Lionel Vibert*, J.P., Emmanuel College, Cambridge.	3 Oct. 93	8 Nov. 93	14 Nov. 1900, Spl. leave. Leave expires, 13 May 1901.
112	1st L TEL 2d L TAM	.....	Leonard Tatham Harris, New College, Oxford.	3 Oct. 93	10 Dec. 93	13 to 17 Oct. 98, Abs.
113	1st L TAM 2d L TEL	.....	*Sydney Gordon Roberts*, J.P., Pembroke College, Cambridge.	23 Sep 93	27 Nov. 93	10 Sep. 97 to 4 Mar. 98, Medl. Cert. 11 June 1900, Medl. Cert Leave expires, 10 June 1900.
114	1st L TAM 2d L TEL	.....	Neil Macmichael, M.A., J.P., Edinburgh Univy. and Balliol Coll., Oxford.	1 Nov. 94	2 Dec. 94	11 & 12 June, 98, Abs.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	RS. A. P.		
7 2 3	7 2 3	P 560 0 0 AA 440 0 0 1,000 0 0	Asst. to the Collr. and Magt. of the Dist., Tanjore—28th Mar. 1894.—Under Secy. to Govt., Rev. Dept. (Sub *pro tem*).—MADRAS.	
7 0 6	7 1 23	P 560 0 0 T 35 0 0 595 0 0 ABSA 420 2 5 *Subject to a minimum of £500 a year.*	Asst. to the Collr. and Magt. of the Dist., Tinnevelly—6th Nov. 1900.	Magt., 1st Class. *On Spl. leave to Eur. for 6 months, from 14th Nov. 1900.*
7 0 17	7 0 22	P 1000 0 0	Dist. Magt. and Collr. of the Civil and Mily. Station, Bangalore—4th May 1899.—BANGALORE.	
6 0 21	7 1 4	P 560 0 0 T 11 1 9 571 1 9 ABS A 371 8 0 *Subject to a minimum of £500 a year.*	Asst. to the Collr. and Magt. of the Dist., Coimbatore—9th Jany. 1900.	Magt., 1st Class. *On furlo. on Medl. Cert. to Europe for 1 year, from 11th June 1900.*
6 0 28	6 1 0	P 1,100 0 0	Dy. Commr. of Rev. Setltt., 1st Grade, No. VI Party—24th July 1900.—CALICUT.	Magt., 1st Class.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
115	1st L Mal 2d L Tam	.....	Robert Frederick Austin, J. P., University Coll., Oxford.	1 Nov. 94	23 Dec. 94	....
116	1st L Tam 2d L Tam	.....	John Gunn Burn, B.A., L.L.B., J.P., St. John's Coll., Cambridge.	2 Nov. 94	24 Dec. 94	... ...
117	s L Tel 2d L Tam	.....	Ernest Sampson Lloyd, B.A., J.P., Lincoln Coll., Oxford.	7 Nov 94	21 Dec. 94	11 & 12 June 98, Abs. 18 to 23 July 99, Abs.
118	1st L Tel 2d L Tam	.....	*Arthur Thompson*, B.A., J.P., Queen's Coll., Oxford.	6 Nov. 94	21 Dec. 94	17 Nov. 00, Medl. Cert. Leave expires, 16 Nov. 1901.
119	1st L Tam 2d L Tel	.....	Arthur Edgington, B.A., J. P., New Coll., Oxford.	2 Nov. 94	21 Dec. 94	11 & 12 June 98, Abs.
120	1st L Uri 2d L Tel	Uriya. Spl. Test. Khond Coll. Test.	Francis Arthur Coleridge, J.P., University Coll., London.	2 Nov. 94	5 Dec. 94	3 May to 1 Nov. 1900, Spl. leave.

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	*y. m. d.*	*Rs. a. p.*		
6 0 9	6 0 9	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Malabar—1st Feb. 1897.—Ag. Hd. Asst. to the Collr. and Magt. of the Dist., Malabar—21st Nov. 1899.—Palghat.	Magt., 1st Class.
6 0 8	6 0 8	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Salem—21st Oct. 1898.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Salem—21st Oct. 1898.—Tiruppatur.	Magt., 1st Class. *In transit.*
6 0 3	6 0 11	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Bellary—5th May 1896.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Bellary — 9th Nov. 1897.—Hospet.	Magt., 1st Class.
5 10 27	6 0 11	P 560 0 0 T 35 0 0 595 0 0 ABSA 397 9 5 *Subject to a minimum of £500 a year.*	Asst. to the Collr. and Magt. of the Dist., Tinnevelly—27th June 1900.	Magt., 1st Class. *On furlo. on Medl. Cert. to Europe for 1 year, from 17th Nov.* 1900.
6 0 9	6 0 11	P 560 0 0 A A 960 0 0 T 35 0 0 1,555 0 0	Asst. to the Collr. and Magt of the Dist., the Nilgiris—17th Nov. 1899.—Ag. Head Asst. to the Collr. and Magt. of the Dist., the Nilgiris—7th Nov. 1899.—Ag. Collr. and Magt., the Nilgiris, 4th Dec. 1900.—Ootacamund.	Magt., 1st Class. Ag. Dist. Munsif, Gudalur.
5 6 27	6 0 27	P 560 0 0 A A 200 0 0 D A 152 0 0 912 0 0	Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—13th Jany. 1898	Magt. 1st Class. On Spl. duty for 6 months in connection with the demarcation of that portion of the Jeypore Bastar boundary which is still in dispute.—5th Nov. 1900.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave.
121	1st L Tam 2d L Mal	.....	Pirozeshah Kershasp, B.A., Bombay University and New Coll., Oxford.	31 Oct. 95	20 Dec. 95	.....
122	1st L Tam 2d L Tel	.....	John Forbes Bryant, M.A., F.G.S., J. P., Clare College, Cambridge.	30 Oct. 95	16 Dec. 95	.....
123	1st L Tel 2d L Tam	.....	Richard Boardman Wood, Hertford Coll., Oxford.	29 Oct. 95	6 Dec. 95	.....
124	1st L Can 2d L Tam	.....	Percy Abbey Booty, B.A., Trinity Coll., Cambridge.	31 Oct. 95	16 Dec. 95	27 May to 25 Nov. 99, Spl. leave.
125	1st L Tel 2d L Tam	.....	Albion Rajkumar Banerji, M.A., Calcutta University and Balliol College, Oxford.	28 Oct. 95	19 Dec. 95	3 Mar. to 2 Sept. 98, Spl. leave.
126	1st L Tel 2d L Tam	.....	Robert William D'Estcourt Ashe, J.P., Royal University, Ireland and Uniy., of Dublin.	8 Nov. 95	4 Dec. 95	.....

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
5 0 12	5 0 12	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Godavari—26th Nov. 1898.—Ag. Head Asst. to the Collr., Magt. and Govt. Agent, Godavari—25th Feb. 1899—Ellore.	Magt., 1st Class.
5 0 16	5 0 16	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam—25th Aug. 1900.—Ag. Head Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam—25th Aug. 1900—Narasapatam.	Magt., 1st Class.
5 0 26	5 0 26	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr., Dist. Magt and Agent to the Govr., Vizagapatam—22nd Apl. 1897.	Magt., 1st Class. Services are placed at the disposal of the Govt. of Bombay. Draws also a Depn. allce. of Rs. 5 a day.
4 6 18	5 0 16	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., S. Canara—6th Feb. 1896.—Ag. Head Asst. to the Collr. and Magt. of the Dist., S. Canara—1st Dec. 1899.—Coondapoor.	Magt., 1st Class.
4 6 12	5 0 13	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Madura—30th Jany. 1898.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Madura—30th Jany. 1899.	Magt., 1st Class. On priv. leave for 2 months and 8 days from 17th Oct. 1900.
5 0 28	5 0 28	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Kistna—11th Jan. 1899.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Kistna—1st June 1900.—Bezwada.	Magt., 1st Class.

No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
127	1st L Tel 2nd L Uriya.	Uriya, Spl.Test. High Profy.	John Samuel Heaney, J.P., Royal University of Ireland and Trinity Coll., Dublin.	31 Oct. 95	4 Dec. 95	.....
128	1st L Tel 2d L Tam	.....	Julius Mathison Turing, Corpus Christi Coll., Oxford.	28 Oct. 96	7 Dec. 96	.....
129	2d L Tam	.....	Archibald Young Gipps Campbell, B.A., ¶ Trinity Coll, Cambridge.	29 Oct. 96	3 Dec. 96	.....
130	1st L Tam 2d L Tel.	.....	Edward Hamilton Wallace, M.A., Glasgow University and Balliol Coll., Oxford.	29 Oct. 96	16 Dec. 96	.....
131	1st L Tam 2d L Tel	.....	Hopetoun Gabriel Stokes, B.A., Oriel Coll., Oxford.	27 Oct. 96	7 Dec. 96	.....
132	1st L Tel 2d L Tam	.....	Harold Lithgow Braidwood, B.A., J.P., Corpus Christi Coll., Oxford & University Coll., London.	27 Oct. 96	3 Dec. 96	29 Apl. to 28 June 1900, Medl. Cert.

8 Actual Service up to 1st from date of arrival.	9 Total Service Jan. 1901	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
5 0 28	5 0 28	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Vizagapatam —18th Jany. 1896.	Magt., 1st Class. Services are placed at the disposal of the Govt. of Bombay. Draws also a Depn. allce. of Rs. 5 a day.
4 0 25	4 0 25	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam.—3rd Jany. 1899.—Ag. Senior Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam. 1st May 1900.—Parvatipuram.	Magt., 1st Class.
4 0 29	4 0 29	P 385 0 0 A A 255 8 11 T 35 0 0 675 8 11	Asst. to the Collr. and Magt. of the Dist., Kurnool—7th Mar. 1899.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Kurnool.—7th Mar. 1899.	Magt., 1st Class. Passed Lower Standard. On priv. leave for 22 days, from 3rd Dec. 1900.
4 0 16	4 0 16	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst to the Collr. and Magt. of the Dist., Tinnevelly—12th Apl. 1900.—Ag. Spl. Asst. to the Collr. and Magt. of the Dist., Tinnevelly—8th Dec. 1900.—Sattur.	
4 0 25	4 0 25	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., N. Arcot—18th Apl. 1900.—Ag. Head Asst. to the Collr. and Magt. of the Dist., N. Arcot—18th Apl. 1900.—Ranipet.	Magt., 1st Class.
4 0 29	4 0 29	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Anantapur—10th Mar. 1899.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Anantapur—29th June 1900.—Penukonda.	Magt., 1st Class.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-residence, and if now on leave, date of expiry of leave.
133	1st L Mal 2d L Tel	.....	Robert Erskine Holland, B.A., Oriel Coll., Oxford.	28 Oct. 96	10 Dec. 96	.....
134	1st L Tam	.....	David Grierson Waller, B.A., ¶ Trinity Coll., Oxford.	27 Oct. 96	30 Dec. 96	.....
135	1st L Tam 2d L Tel	.....	Edmund Willoughby Legh, ¶ University Coll., Oxford.	28 Oct. 97	6 Dec. 97	8 June 99 to 2 June 1900, Medl. Cert. 8 June 1900, Extra leave on Medl. Cert. Leave expires, 2 Dec. 1900.
136	1st L Tam 2d L Tel	.....	Christopher Thomas Heaton Johnson, J.P., B.A., Wadham Coll., Oxford.	27 Oct. 97	6 Dec. 97	.....
137	1st L Tel 2d L Can	.....	Pierce Langrishe Moore, Christ Church, Oxford.	28 Oct. 97	21 Nov. 97	.....
138	1st L Tel 2nd L Uriya	Uriya Spl. Test	George Frederick Paddison, B.A., Queen's Coll., Oxford.	25 Oct. 97	6 Dec. 97	.....

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
4 0 22	4 0 22	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Malabar.—8th July 1898.	Magt., 1st Class. Services are placed at the disposal of the Govt. of Bombay. Draws also a Depn. allce. of Rs. 5 a day.
4 0 2	4 0 2	P 385 0 0 A A 253 8 11 T 35 0 0 675 8 11	Asst. to the Collr. and Magt. of the Dist., Tanjore—7th Oct. 1899.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Tanjore — 8th Jany. 1900—Kumbakonam.	Magt., 1st Class. Passed Lower Standard.
1 5 27	3 0 26	P 560 0 0 T 11 1 9 571 1 9	Asst. to the Collr. and Magt. of the Dist., Chingleput—6th Dec. 1900.—Saidapet.	Magt., 1st Class.
3 0 26	3 0 26	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist, Coimbatore—6th July 1900.—Ag. Head Asst. to the Collr. and Magt. of the Dist., Coimbatore—6th July 1900.—Pollachi.	Magt., 1st Class.
3 1 10	3 1 10	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—Dec. 1899.—Ag. Spl. Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—29th Apl. 1900—Russellkonda.	Magt., 1st Class.
3 0 26	3 0 26	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Vizagapatam—9th Jany. 1898.—Ag. Spl. Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam—29th Mar. 1899—Korupet.	Magt., 1st Class.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service up to 1st Jan. 1901 from date of arrival.	10 Salary and Allowances.	Appointments.	Remarks.
							y. m. d.	y. m. d.	Rs. a. p.		
139	1st S Tam	.....	Botelor Chernocke Smith, B.A., ¶ Keble Coll., Oxford.	25 Oct. 97	6 Dec. 97	.....	3 0 26	3 0 26	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr., Dist Magt. and Agent to the Govr., Vizagapatam—7th July 1900.	Magt., 1st... Passed Lo... ard.
140	1st L Tam 2d L Tel	.....	Alexander Robert Loftus-Tottenham, B.A., Queen's Coll., Oxford.	22 Oct. 97	6 Dec. 97	.....	3 0 26	3 0 26	P 560 0 0 A A 200 0 0 T 35 0 0 795 0 0	Asst. to the Collr. and Magt. of the Dist., Malabar—29th July 1899.—Ag. Spl. Asst. to the Collr. and Magt. of the Dist., Malabar—14th Apl. 1900.	On Spl. du... paring t... Admin... the Mad... for 1899... Oct. 1900.
141	1st L Can 2nd L Tam	.....	Alexander Francis George Moscardi, Balliol Coll., Oxford, and University Coll., London.	23 Oct. 97	22 Nov. 97	.....	3 1 9	3 1 9	P 560 0 0 T 35 0 0 595 0 0	Asst. to the Collr. and Magt. of the Dist., S. Canara—12th Jany. 1898.	Magt., 1st... On priv. l... month a... from 2nd
142	1st L Mal 2d L Tam	.....	Frederick Buisson Evans, J. P. Trinity Coll., Oxford.	25 Oct. 98	5 Dec. 98	.....	2 0 27	2 0 27	P 560 0 0 A A 200 0 0 T 11 1 9 771 1 9	Asst. to the Collr. and Magt. of the Dist., Malabar—3rd Oct. 1900. Ag. Spl. Asst. to the Collr. and Magt. of the Dist., Malabar—3rd Oct. 1900.—Malappuram.	Magt., 1st Class.
143	1st S Tam	.....	Frederick John Richards, ¶ Exeter Coll., Oxford.	25 Oct. 98	5 Dec. 98	.....	2 0 27	2 0 27	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist., Salem—17th Oct. 1900.—Salem.	Magt., 1st. Class. Passed Lower S... ard.
144	1st L Tam 2d L Tel	.....	Charles Alexander Innes, St. John's Coll., Oxford.	26 Oct. 98	5 Dec. 98	.....	2 0 27	2 0 27	P 560 0 0 T 11 1 9 571 1 9	Asst. to the Collr. and Magt. of the Dist., Madura—1st Feb. 1899.—Madura.	Magt., 1st Cl... Granted p... for 21 da...
145	1st L Tel 2d L Can	.....	Hugh Rosser Bardswell, Lincoln Coll., Oxford.	27 Oct. 98	15 Dec. 98	.....	2 0 17	2 0 17	P 560 0 0 11 1 9 571 1 9	Asst. to the Collr. and Magt. of the Dist., Bellary—26th Jany. 1899.—Bellary.	Magt., 1...

		Date of Arrival.	Non-residence, and if now on leave, date of expiry of leave.
	Richard Arthur Jenkins, ¶Brasenose Coll. Oxford, and University Coll., London.	25 Oct. 98	21 Nov. 98	13 June 1900, Medl. Cert. Leave expires, 12th Dec. 1900.
2L Tam 2dL Tel	Frederick Ricketts Hemingway, New Coll., Oxford.	27 Oct. 98	5 Dec. 98	.....
S Tel	Harold Anselm Bellamy Vernon, ¶St. John's Coll., Oxford.	25 Oct. 98	8 Dec. 98	.....
L Tam dL Tel	Frank Hannyngton, B.A., Trinity Coll., Dublin.	30 Dec. 98	30 Jany. 99	.....
1st L Can 2ndL Tel	Thomas Eyeborn Moir, Wadham Coll., Oxford.	19 Nov. 98	26 Dec. 98	.....
1st S Tam	Charles William Egerton Cotton, ¶University Col., Oxford.	26 Oct. 98	8 Dec. 98	.....
3 Tam	Henry D'Arcy Cornelius Reilly, Corpus Christi Coll., Oxford.	23 Oct. 99	20 Nov. 99	.....

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
1 6 22	2 1 10	P 385 0 0 T 11 1 9 396 1 9 S A 250 0 0	.....	Magt., 3rd Class. *On furlo. on Medl. Cert. to Europe for 6 months, from 13th June 1900.—Permitted to return to duty.*
2 0 27	2 0 27	P 560 0 0 T 11 1 9 571 1 9	Asst. to the Collr. and Magt. of the Dist., N. Arcot—30th Jany. 1899.—Chittoor.	Magt., 1st Class.
2 0 24	2 0 24	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—19th July 1900.—Ag. Senior Asst. to the Collr., Dist. Magt. and Agent to the Govr., Ganjam—19th July 1900.—Chicacole.	Magt., 2nd Class. Passed Lower Standard.
1 11 2	1 11 2	P 560 0 0 11 1 9 571 1 9	Asst. to the Collr. and Magt. of the Dist., S. Arcot—27th Feb. 1899.—Cuddalore.	Magt., 1st Class.
2 0 6	2 0 6	P 560 0 0 T 11 1 9 571 1 9	Asst. to the Collr. and Magt. of the Dist., S. Canara—13th Feb. 1899.—Mangalore.	Magt., 1st Class.
2 0 24	2 0 24	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist., Coimbatore—30th Jany. 1899.—Coimbatore.	Magt., 2nd Class. Passed Lower Standard.
1 1 11	1 1 11	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt of the Dist., Coimbatore—1st Feb. 1900.—Coimbatore.	Magt., 2nd Class. Passed Lower Standard.

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.
153	.....	.....	Cecil Bernard Cotterell, Balliol College, Oxford.	21 Oct. 99	16 Nov. 99	.....
54	.....	.....	Gilbert Hollinshead Blomfield Jackson, Merton College, Oxford.	26 Oct. 99	5 Dec. 99	.....
	.....	.....	Jotindra Nath Roy, Calcutta University and Christ Church, Oxford.	30 Oct. 99	25 Dec. 99	.....
	.....	.....	Arthur Joseph Curgenven, London University and New Coll., Oxford.	25 Oct. 99	16 Nov. 99	2 July to 21 Augt. 1900, Medl. Cert.
	AM	.....	John Reginald Huggins, Lincoln Coll., Oxford.	23 Oct. 99	20 Dec. 99	.....
		.....	Eric Alan Davis, Magdalene Coll., Cambridge and University Coll., London.	24 Oct. 99	5 Dec. 99	.....
		.....	Pratap Chandra Dutt, Calcutta University and New Coll., Oxford.	23 Oct. 99	25 Dec. 99	.....
		.....	Ernst Walsh, Dublin University.	14 Nov. 99	26 Dec. 99	.....

8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
y. m. d.	y. m. d.	Rs. a. p.		
1 1 15	1 1 15	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr., Dist. Magt. and Agent to the Govr., Vizagapatam—1st Feb. 1900.—VIZAGAPATAM.	Magt., 3rd Class.
1 0 27	1 0 27	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist., Malabar—1st Feb. 1900.—CALICUT.	Magt., 3rd Class.
1 0 7	1 0 7	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist., Tinnevelly—1st Feb. 1900.—PALAMCOTTAH.	Magt., 3rd Class.
0 11 25	1 1 15	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist.—BELLARY.	Magt., 3rd Class.
1 0 12	1 0 12	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist., S. Arcot—30th Jany. 1900.—CUDDALORE.	Magt., 2nd Class. Passed Lower Standard.
1 0 27	1 0 27	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr., Magt. and Govt. Agent, Godavari—27th Jany. 1900.—COCANADA.	Magt., 3rd Class.
1 0 7	1 0 7	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist., Kistna—3rd Feb. 1900.—MASULIPATAM.	Magt., 3rd C
1 0 6	1 0 6	P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist., Trichinopoly—26th Jany. 1900.—TRICHINOPOLY.	Magt., 3rd

1 No.	2 Languages Passed.	3 Rewards in Languages.	4 Names.	5 Commencement of Service.	6 Date of Arrival.	7 Non-Residence, and if now on leave, date of expiry of leave.	8 Actual Service up to 1st Jan. 1901 from date of arrival.	9 Total Service from date of arrival.	10 Salary and Allowances.	11 Appointments—Stations.	12 Remarks.
61	.....	.....	Alexander Fotheringham, Emmanuel Coll., Cambridge.	13 Nov. 99	30 Dec. 99	.....	y. m. d. 1 0 2	y. m. d. 1 0 2	Rs. a. p. P 385 0 0 T 11 1 9 396 1 9	Asst. to the Collr. and Magt. of the Dist., Madura—24th Jany. 1900.—MADURA.	Magt., 3rd Class.
	.....	.....	Arthur Mario Agricola Collier Galletti di Cadilhac, Trinity Coll., Oxford.	10 Dec. 00	.....	.....	0 0 22	0 0 22	P 400 0 0	Asst. to the Collr., Magt. and Govt. Agent, Godavari.	.....
	.....	.....	John Chartrès Molony, University of Dublin.	3 Dec. 00	.....	.....	0 0 29	0 0 29	P 400 0 0	Asst. to the Collr. and Magt. of the Dist., Trichinopoly.	.....
	.....	.....	David Thomas Chadwick, Sidney Sussex Coll., Cambridge.	3 Dec. 00	.....	.....	0 0 29	0 0 29	P 400 0 0	Asst. to the Collr. and Magt. of the Dist., Tinnevelly.	.....
	.....	.....	Robert William Davies, Emmanuel Coll., Cambridge.	3 Dec. 00	.....	.....	0 0 29	0 0 29	P 400 0 0	Asst. to the Collr. and Magt. of the Dist., S. Canara.	.....
	.....	.....	Richard French Lawrence Whitty, Jesus Coll., Cambridge.	3 Dec. 00	.....	.....	0 0 29	0 0 29	P 400 0 0	Asst. to the Collr. and Magt. of the Dist., N. Arcot.	.....
	.....	.....	William Aitkenhead Doig, B.A., University of Dublin.	3 Dec. 00	.....	.....	0 0 29	0 0 29	P 400 0 0	Asst. to the Collr. and Magt. of the Dist., Tanjore.	.....
	.....	.....	Rajappaya Narayana Aiyar, University of Madras and King's Coll., Cambridge.	...	.....	.....	.....	.....	.....	.....	.....
	.....	.....	Harold Hamilton Burkitt, B.A., University of Dublin.	3 Dec. 00	.....	.....	0 0 29	0 0 29	P 400 0 0	Asst. to the Collr., P Magt. and Agent to Governor, Ganjam.	
	.....	.....	Frederick William Rowntree Robertson, University of London and St. John's Coll., Cambridge.	3 Dec. 00	.....	.....	0 0 29	0 0 29	P 400 0 0	Asst. to the Collr Magt. and Gov Vizagapatam.	

DEPUT

Col. 2—The languages—Tam., Tel., Mal., Can. and Uriya—
(a) if printed in NONPAREIL FRENCH CLARENDON, indicate a pass by the full to
the compulsory Ver. Test for Dy. Collrs., published on page 69 of Part
(b) if printed in *italics*, indicate a pass in reading MSS. only in the language
(c) if printed in brevier, indicate merely a knowledge of the language or
Col 3—The letters Ex. S. affixed to a name printed in **Brevier Antique No**
motion to listed posts over other equally qualified members of the Pro
Deputy Collectors on General duties draw tentage allowance of Rs. 11-1-§

No.	Lingual Attainments.	Name.	Date of promotion to present grade.	District.
		First Grade—No. 1.—Pay Rs. 700.		
	Tam. Can.	Dharishwar Ananthayya§ ...	1 Apl. 1900	S. Canara ...
		Second Grade—No. 5.—Pay Rs. 600.		
	Tel.	Rednam Suriya Rao Nayudu, Rao Bahadur.§	5 May 1896	Vizagapatam ...
	EL. TAM. an. Hin.	William Charles McMurray§ J.P.	1 Apl. 1897	Nilgiris ...
	...	Frank Dacomb Bird ...	6 Apl. 1898	Madras ...
	Tel.	Conjevaram Somasundara Sastri, B.A., Diwan Bahadur.§	1 Apl. 1899	....
	Mal.	**Raghunatha Rao Ramachandra Rao**, B.A., Ex.-S.§	1 Apl. 1900	Malabar ...
		Third Grade—No. 15(a).—Pay Rs. 500.		
		Mundkur Srinivasa Rao, B.A. B.L.§	1 Apl. 1896	Trichinopoly ...
		Varada Rajagopala Chari, B.A., B.L., Diwan Bahadur.§	1 Apl. 1898	Malabar ...
		Syid Kadir Badsha Saheb§ ...	5 May 1896	Cuddapah ...
		...mad Kadir Nawaz Khan Kahn Bahadur.§	29 June 1896	Tanjore

...ments have been ...

157

COLLECTORS.

in the language or languages specified as prescribed in the Notification regarding
of the *Fort Saint George Gazette*, dated 3rd February 1891.
or languages specified as prescribed in the Notification above referred to.
languages specified.
6 indicate Ex. Statutory Civilian having *cæteris paribus* a preferential claim to provincial Service.
per mensem.

Duty.	Station.	Remarks.
Try. ...	Mangalore.	
do. ...	Vizagapatam...	On priv. leave for 15 days, from 12th Nov. 1900.
do. ...	Ootacamund.	
.....	Madras ...	Asst. Supt. of Stamps and Stationery.—Also Offg. Secy., Bd. of Examiners, (Rs. 150).
.....	.....	Manager, Pittapur Estate.
Genl. duty ...	Calicut.	
do. ...	Trichinopoly...	Sub *pro tem.* 2nd Gr.
Try. ...	Calicut ...	Draws also a local allce. of Rs. 100 for charge of the Paper Currency Dept.
Genl. duty ...	Jammalmagudu	
do. ...	Mannargudi.	

No.	Lingual Attainments.	Name.	Date of promotion to present grade	District.
		THIRD GRADE—*contd.*		
5	TEL. *Tam.*	P. S. Ganapathi Aiyar, B.A.§ ...	13 Sep. 1896	Chinglepat ...
6	Tel.	Kotikalapud Subbarayudu, Rao Bahadur.§	1 Apl. 1897	.....
7	Mal.	Taravatu Gopalan Nayar, B.A., B.L.†	1 Apl. 1898	N. Arcot ...
8	Tam.	Tiruvarur Venkachi Aiyar Narayanaswami Aiyar.§	6 June 1898	N. Arcot ...
9	Tel. Can.	Tumparti Rama Rao, B.A., Rao Bahadur.§	9 Nov. 1898	N. Arcot ...
10	Tel.	Siram Venkataramadas Naynâu, B.A., B.L., § Dewan Bahadur.	1 Apl. 1899	.....
11	Tel. Uriya. Khond. Tam. and Hin.	James Thomas Lever.*§ ...	1 Apl. 1899	Bellary ...
12	Tam.	T. Sundara Rao, B.A.§ ...	1 Apl. 1899	Trichinopoly ...
13	TEL.	T. N. Ramachandra Aiyar, B.A.§	1 July 1899	Salem ...
14	Tam.	Abraham Prabalanadam Pillai.§	6 Nov. 1899	Tanjore ...
15	Tel.	Tankella Jagannadham Pantulu§	1 Apl. 1900	Cuddapah ...
		FOURTH GRADE—No. 22.—Pay Rs. 400.		
1	Tel.	Echambadi Srinivasa Chari § ...	2 Oct. 1895	Cuddapah ...
2	Tel.	Peddibotla Purnayya Pantulu, Rao Bahadur.§	12 Dec. 1895	Godavari ...
3	Tam.	Venkatarama Subbaiyar, B.A.§	1 Apl. 1896	Tinnevelly ...
4	.....	Palla Krishna Rao, B.A., B.L.§ ...	1 Apl. 1896	Bellary ...
5	*Tam.* TEL.	Sami Swaminatha Aiyar, B.A., Rao Sahib.§	5 May 1896	.....
6	MAL. TAM.	Karadibavi Venkataramanayya Lakshmana Rao,§ Diwan Bahadur.	29 June 1896	Malabar ...
7	*Mal.* TAM.	Vappalakalathil Chappan Menon, B.A.§	13 Sep. 1896	Coimbatore ...

158

Duty.	Station.	Remarks.
Try. ...	Saidapet.	
.....	.....	Spl. Rev. Officer.—In charge of the Kurnool-Cuddapah Canal.
Try. ...	Chittoor.	
Genl. duty ...	Arni.	
do. ...	Chittoor.	
.....	.....	On other duty in Pudukkottai State.
Try. ...	Bellary.	
do. ...	Trichinopoly.	
do. ...	Salem.	
do. ...	Tanjore.	
Genl. duty ...	Siddhavattam.	
Try. ...	Cuddapah ...	Sub *pro tem.* 3rd Gr.
do. ...	Cocanada ...	Sub *pro tem.* 3rd Gr.
do. ...	Palamcottah.	
Genl. duty ...	Adoni.	
.....	Chittoor ...	On other duty as Regulation Collr.
Genl. duty ...	Cochin ...	Also Sub-Judge, Coghin.
do. ...	Kollegal ...	Also Dist. Munsif, Kollegal.—Draws also Local Allce. of Rs. 100.

No.	Lingual Attainments.	Name.	Date of promotion to present grade	District.	Duty.	Station.	Remarks.
		Fourth Grade—*concld.*					
8	*Tam.* TEL.	S. Rama Aiyar, B.A. ...	11 Dec. 1896	Kurnool ...	Genl. duty ...	Markapur	
9	TAM. MAL	L. D. Swamikanna Pillai, M.A., B.L. (Madras), LL.B. (Lond.).§	16 Jany. 1897	Madras ...	.....	Madras ...	Asst. Secy., Bd. of Rev., Land Rev. Dept.—Draws also L. A. Rs. 200.
10	TAM. MAL.	Edmund Alexander Smith § ...	1 Apl. 1897	.....	.....	.....	Forest Settlt. Officer, Nellore, &c., Districts.
11	H. S. Tam. Mal.	James Robert Coombes, B.A. §...	5 Sept. 1897	Madras ...	.....	Madras ...	Draws also Income Tax Allce. of Rs. 100.
12	.....	Charles Gahan, B.A.§ ...	10 Aug. 1898	.....	.....	Madras ...	On probation for 3 years.—3rd Presy. Magt.—Draws also local allce. of Rs. 100.
13	*Tel.* URIYA.	D. Venkata Sastri ...	6 June 1898	Anantapur ...	Try. ...	Anantapur	
14	TAM TEL *Per. & Urdu.*	Muhammad Aziz-ud-din Husain Sahib Bahadur, Khan Sahib.§	26 Sept. 1898	S. Arcot ...	Genl. duty ...	Cuddalore ...	Fellow of the Madras University.
15	TEL CAN	R. Govinda Rao Nayudu§ ...	9 Nov. 1898	Vizagapatam ...	do. ...	Vizagapatam.	
16	MAL. *Tam*	T. Gopalaswami Aiyar, B.A.§ ...	1 Apl. 1899	S. Arcot ...	Try. ...	Cuddalore.	
17	.....	G. Kothandaramayya, M.A. ...	12 Mar. 1896	Cuddapah ...	Genl. duty ...	Cuddapah.	
18	URIYA *Tel.*	B. Narayana Murti Pantulu, Rao Bahadur. §	1 July 1899	Ganjam ...	do. ...	Russellkonda.	
19	*Tam.* TEL.	K. Narayana Aiyar, Rao Bahadur§	6 Nov. 1899	Trichinopoly ...	do. ...	Musiri	
20	*Tam.* TEL.	C. Adikesavulu Nayudu, B.A., B.C.E.§	1 Apl. 1900	Madura ...	Try. ...	Madura.	
21	TAM. *Tel.*	P. Rajaratna Mudaliyar, B.A.§ ...	21 Apl. 1900	.....	.....	Madras ...	4th Presy. Magt., Madras.—Draws also local allce. of Rs. 100.
22	.....	*Vacant* ...	.....	.....			
		Fifth Grade—No. 17 (*a*)—Pay Rs. 300.					
1	TAM-MAL.	M. Ravi Varma Raja, M.A. § ...	13 Sep. 1896	Tanjore ...	Genl. duty ...	Mayavaram ...	Sub *pro tem.* 4th Gr.
2	TEL. *Tam.*	T. Raghavayya, B.A., Rao Saib§...	11 Dec. 1896	Nellore ...	do. ...	Gudur	Sub. *pro tem.* 4th Gr.

No.	Lingual Attainments.	Name.	Date of promotion to present grade	District.	Duty.	Station.	Remarks.
		Fifth Grade—*continued.*					
3	TEL. *Tam.*	S. M. Vapuchi Maricayar Usman Sahib Bahadur, B.A., B.L. §	16 Jany. 1897	Tinnevelly ...	Genl. duty ...	Srivilliputtur...	Sub *pro tem.* 4th Gr.—Posted to Chingleput, Genl. duty.
4	*Tam.* TEL.	S. Sonndararaja Aiyangar,§ B.A.	5 Sep. 1897	Coimbatore ...	do. ...	Coimbatore.	
5	*Tel.* TAM.	V. Parthasaradhi Chetti, B.A.† ..	7 May 1898	Madura ...	do. ...	Madura ...	Granted priv. leave for 2 months.
6	.....	John Garden Wood§ ...	6 June 1898	Coimbatore ...	Try. ...	Coimbatore ...	*Granted furlo. for 6 months.*
7	TEL. CAN.	P. Sita Rao Pantulu § ...	26 Sep. 1898	Kurnool ...	Genl. duty ...	Pyapali.	
8	CAN. *Tel.*	J. Ramayya Pantulu, B.A., B.L.§...	9 Nov. 1898	Kistna ...	do. ...	Narsaraopet.	
9	TEL. TAM.	T. A. Shanmuga Sundaram Pillai. §	1 Apl. 1899	Anantapur ...	do. ...	Anantapur.	
10	CAN. TEL.	K. Ganapayya§ ...	1 Apl. 1899	.....	.....	.....	Spl. Forest Settlt. Officer, N. Arcot, &c., Dists.
11	TEL. *Tam.*	C. Ramasesha Aiyar, B.A.§ ..	1 Apl. 1896	Anantapur ...	Genl. duty ...	Gooty.	
	TEL. TAM.	Muhammad Sufdar Hussain Sahib Bahadur, M.R.A.S.,§ (*Seconded*)	1 July 1899	.....	.....	.....	On other duty as Rev. Officer, Madras Municipality.
12	TEL. *Tam.*	C. Hanumanta Rao, M.A., B.L.§ ...	1 July 1899	Tanjore ...	Genl. duty ...	Tanjore. ...	On priv. leave for 2 months and 27 days, from 13th Oct. 1900.
13	TEL. TAM.	N. S. Somasundara Sastri, B.A. §	6 Nov. 1899	Ganjam ...	Try. ...	Chatapur	
14	CAN. *Tam.*	P. Duraiswami Aiyangar, B.A.§...	15 Dec. 1899	Trichinopoly ...	Genl. duty ...	Ariyalur.	
15	MAL. TAM.	Joseph Horatio Gwynne§ ...	1 Apl. 1900	Malabar ...	do. ...	Manantoddy ...	Draws also Local allce. of Rs. 150.
16	TEL. *Tam.*	C. Subramanya Aiyar§ ...	1 Apl. 1900	Madura ...	Try. ...	Madura.	
17	*Tam.* TEL.	P. Sivarama Aiyar§ ...	21 Apl. 1900	Chingleput ...	Genl. duty ...	Saidapet.	
		Sixth Grade—No. 18—Pay Rs. 250.					
1	*Tel.* URIYA.	D. Srinivasa Rao Pantulu§ ...	1 Apl. 1896	Godavai ...	Genl. duty ...	Narasapur ...	Sub *pro tem.* 5th Gr.
2	HS. Tel. HS. Tam.	Arthur Cardoze Woodhouse § ...	19 Sep. 1896	Godavari ...	do. ...	Rajahmundry..	On probation for 2 years. This period will, as a spl. case, be extended until the results of the examinations in the Rev. and Acct. Tests, Higher Gr., of 1900 are announced. Draws also L. A. Rs. 100. Sub. *pro tem.* 4th Gr.
3	TAM. *Mal.*	A. Ramacha Nedangadi, B.A., B.L.§	13 Sep. 1898	Tanjore ...	do. ...	Tanjore ...	(Pattukottai Divn.)—Sub. *pro tem.* 5th Gr.
4	URIYA *Tel.*	K. Narasimha Rao Pantulu§	9 Nov. 1898	Nellore ...	do. ...	Nellore ...	Sub. *pro tem.* 5th Gr.

(*a*) To this Grade one appointment has been added as representing the same No. of appts. of Asst. Collr., now treated as open to the Madras Provl. Civil Service with reference to Notification, dated 16th Dec. 1892, in the *Fort St. George Gaz.* of the 17th Jany. 1893, Part I, page 40.

No.	Lingual Attainments.	Name.	Date of promotion to present grade	District.
		Sixth Grade—*continued.*		
5	TEL. *Can.*	P. Sitaramayya, M.A.§ ...	13 Mar. 1899	Godavari ...
6	*Tam.* TEL.	P. Dinadayalu Nayudu, B.A.,§	1 Apl. 1899	Tinnevelly ...
7	TEL. *Tam.*	C. Krishnaswami Nayudu § ...	1 Apl. 1899	Kurnool ...
8	TAM. TEL.	C. Rustum Sing, Rao Bahadur §	1 Apl. 1899	S. Arcot ...
9	TAM. TEL.	K. V. Srinivasa Aiyangar, B.A.§	6 May 1899	Kistna ...
10	*Tel.* CAN.	Joshua Williams, B.A. § ...	1 July 1899	Nellore ...
11	TAM. TEL.	C. Seshadri Rao Pantulu § ...	6 Nov. 1899	Kurnool ...
12	TAM. *Can.*	P. S. Singaravelu Pillai § ...	15 Dec. 1899	.....
13	HS. Tam.	W. S. Marshall ...	18 Feb. 1900	Tinnevelly ...
14	TEL. TAM.	T. Vijayaraghava Chariya, M.A. §	30 Apl. 1900	Salem ...
15	TAM. TEL.	Mir Sultan Muhi-ud-din Sahib Bahadur §	1 Apl. 1900	Kistna ...
16	TAM. *Mal.*	G. T. Vurgese, B.A. ...	31 Apl. 1900	Malabar ...
17	TEL.	Rafi-ul-mulk Sahib Bahadur ‡ ...	7 Oct. 1898	Kurnool ...
18	CAN. TAM.	A. Upendra Pai, B.A.‡ ...	6 Apl. 1899	Chingleput ...
19	.....	U. Rama Rao ‡ B.A. ...	11 Apl. 1900	Bellary ...
		Sub *pro tem.*		
1	TEL. TAM.	Mahdi Hussain Sahib Bahadur,§ Tahr., Raidrug.	1 Apl. 1899	Nellore ...
2	*Tam.* TEL.	R. Sundaresa Mudaliyar,§ B.A., Tahr., Salem.	1 July 1899	S. Arcot ...
3	TEL. *Uriya.*	S. Lakshminarasimha Rao Pantulu,§ Tahr., Berhampur.	6 Nov. 1899	Ganjam ...
4	TEL. *Tam*	T. V. Gopalaswami Aiyar, B.A., Tahr., Nannilam.	15 Dec. 1899	Salem ...
5	TEL. *Tam.*	V. Ramachandra Rao, Tahr., Cuddalore.	18 Feb. 1900	S. Canara ...

Duty.	Station.	Remarks.
Genl. duty ...	Cocanada ...	Sub *pro tem.* 5th Gr.
Spl. duty ...	.....	On Spl. duty for the acquisition of land for the Tinnevelly-Quilon Ry.
Try. ...	Kurnool.	
do. ...	Cuddalore.	
Genl. duty ...	Masulipatam.	
do. ...	Nellore.	
do. ...	Kurnool.	
.....	.....	Spl. Forest Settl. Officer, Trichinopoly, &c., Dists.
Genl. duty ...	Shermaderi ...	On probation.
do. ...	Salem. ...	Granted priv. leave for 1 month.
Try. ...	Masulipatam...	Fellow of the Madras University.
.....	.....	On spl. duty in connection with the registration of Janmam title.
Genl. duty ...	Kurnool ...	On probation for 2 years.
do. ...	Guindy ...	On probation for 2 years.
do. ...	Bellary ...	On probation.
Try. ...	Nellore.	
Genl. duty ...	Tirukkoyilur.	
do. ...	Chatrapur.	
do. ...	Salem.	
do. ...	Puttur.	

No.	Lingual Attainments.	Name.	Serv. as Ag. Dy. Collr.	Date of joining Special Appointment.	Salary.
		Deputy Collectors (Acting and Special).	y. m.		Rs
1	.....	C. Gopalan Nayar, Tahr., Ponnani.	5 5	26 July 1895	250
2	Tel. TAM.	M. V. Narayanaswami Pillai, B.A.,§ Tahr., Madurantakam.	5 2	15 Nov. 1898	250
3	Tam. TEL.	M. Tirumalai Pillai, B.A., Tahr., Tirumangalam.	4 11	18 April 1896	250
4	TEL. Tam.	T. N. Sivagnanam Pillai, B.A.§ Huzur Shr., Tanjore.	4 4	27 Mar. 1897	250
5	Tel. Tam.	G. Narayanaswami Aiyar, B.A.,§ Tahr., Erode.	4 1	13 Nov. 1898	250
6	MAL. Can.	R Rama Rao,§ Tahr., Kasaragod.	3 8	8 Feb. 1898	250
7	Tel. Tam.	M. Arumukham Pillai, Rao Bahadur, Tahr., Gooty.	3 0	23 Jan. 1900	250
8	.....	K. Vijayaraghava Chari, M.A., Tahr., Nandyal.	2 9	8 Dec. 1900	250
9	TEL URIYA	P. Srikrishnula Patrulu, B.A., Huzur Shr, Ganjam.	2 7	2 May 1899	250

District.	Duty.	Station.	Remarks.
Malabar ...	Spl. duty ...	.....	Tempy.—On spl. duty in connection with the registration of Janmam title.
Madura ...	do ...	.....	Tempy. for Madura-Pamban Railway Land Acquisition.
Madura ...	do ...	.....	Tempy.
Tanjore ...	Genl. duty ...	Tanjore.	
Tanjore ...	Spl. duty ...	.....	Tempy Dy. Collr for the acquisition of lands for Railway.
S. Canara ...	Genl. duty ...	Mangalore.	
Madura ...	Spl. duty ...	.....	Tempy.
Coimbatore ...	Try. ...	Coimbatore ...	To act for J. G. Wood.
Ganjam ...	Spl. duty ...	.....	Tempy.

No.	Lingual Attainments.	Names.	Serv. as Ag. Dy. Collr.	Date of joining Special Appointment	Salary.
		Deputy Collectors (Acting and Special.)—*concld.*	*y. m.*		*Rs.*
10	.....	M. Damodaram Nair, Supervisor, Rev. Settlt. Party, No. VI.	1 8	11 Apl. 1899	250
11	.....	E. K. Krishnan, Diwan Bahadur.	1 5	1 Augt. 1899	250
12	*Tam. TEL.*	D. C. Raghava Chariyar, Sub-Asst., Madras Survey.	...	23 Oct. 1892	250
13	TAM *Tel.*	D. Sesha Charlu, B.A., B.L., B.C.E., Sub-Asst., Madras Survey	...	1 Sep 1894	250
14	.....	P. V. Subba Rao, Sub Asst., Madras Survey.	...	17 Apl. 1897	250
15	.....	Francis Spurling, Sub-Asst., Madras Survey.	...	.....	250

District.	Duty.	Station.	Remarks.
Malabar ...	Spl. duty ...	....	Tempy.
Malabar ..	Genl. duty ...	... .	Tempy. for the Regn. of Janmam titles in Mālabar for 2 years.
Nellore ...	... .	... .	In charge of the Re-Survey Operations.
Kurnool ...	....	Kurnool ...	In charge of Kurnool Re-Survey.—Sub.*pro tem.* Asst. Supt., 3rd Class.
S. Canara ...	.....	.....	
Salem ..	.....	.....	Spl. Dy. Collr. for Survey purposes and in ch. of Survey Operations under the orders of the Collr.—In charge of Survey of Hill Villages, Salem.

TAHSILDARS.

Districts and Taluks.	Names.	Pay.
ANANTAPUR.		Rs.
Anantapur	M. Vijaya Raghavulu Nayudu	200
Gooty	M. Arumugam Pillai, Rao Bahadur, (on dep.).	200
	S. Vasudeva Rao, B.A., *Ag.*	
Hindupur	S. Vasudeva Rao, B.A., (on dep.)	175
	E. N. Venkataperumal Nayudu, B.A., *Ag.**	
Penukonda	A. S. Ponnuswami Aiyar, B.A., (on dep.).	175
	V. E. Sudarsana Mudaliyar, *Ag.*	
Tadpatri	A. Jamadha Rao, B.A.	175
Dharmavaram	G. Jagannayakulu Nayudu, B.A., (on dep.).	150
	K. Lingayya Chetti, *Ag.*	
Kalyandrug	D. P. Basi Reddi, B.A.	150
Madakasira	V. E. Sudarsana Mudaliyar, (on dep.)	150
	S. C. Srinivasa Chari, B.A., *Ag.*	
ARCOT, NORTH.		
Walajapet	C. V. Madhava Rao, (on leave)	250
	C. Ramachandra Aiyar, *Ag.*	
Arcot	V. Rajagopala Mudaliar,* (on leave)	225
	Y. Narayanaswami Nayudu, *Ag.*	
Wandiwash	C. Ramachandra Aiyar, (on dep.)*	225
	T. M. Govinda Chariyar, *Ag.*	
Gudiyatam	Y. Narayanaswami Nayudu, (on dep.)	200
	A. Raju Mudaliyar, *Ag.*	
Chittoor	A. Gnanaswami Mudaliar	175
Vellore	A. Raju Mudaliyar, (on dep.)	175
	W. Ramalinga Mudaliyar, *Ag.*	
Palmanér	M. Srinivasa Chariyar.	150
Pólúr	T. M. Govinda Chariyar, (on dep.)	150
	T. Rajagopala Aiyangar, *Ag.*	
Chendragiri	V. Pachayyappa Mudaliyar*	150
ARCOT, SOUTH.		
Tindivanam	S. T. Shanmugam Pillai	250
	V. Ramachandra Rao, (on dep.)	

Districts and Taluks.	Names.	Pay.
ARCOT SOUTH —*concld.*		Rs.
Chidambaram	R. Nagasundaram Aiyar, B.A., B.L.	225
Villupuram	C. V. Ramachandra Rao	225
Cuddalore	T. Ramanjulu Nayudu.	200
Vridhachalam	M. Srinivasa Chariyar.	200
Kallakurchi	V. Murugesam Pillai	150
Tiruvannamalai	C. Krishnaswami Aiyar.	175
Tirukoilur	S. Pampapathi Sastri, Rao Bahadur	150
BELLARY.		
Bellary	T. Kothandarama Nayudu, (on dep.)	200
	P. Rama Rao, *Ag.*	
Adoni	P. Subroya Mudaliyar, Rao Bahadur	200
Hospet	M. V. Chalapathi Nayudu, Rao Bahadur	225
Alur	M. Sambasiva Rao Nayudu*	175
Rayadrug	Mahdi Hussain Sahib, (on dep.)	175
	Vi. Subroya Mudaliyar, *Ag.**	
Hadagali	P. Rama Rao, Rao Bahadur (on dep.)	150
	K. Ramakrishna Brahmam, *Ag.**	
Harpanahalli	V. Subraya Mudaliyar, (on dep.)	150
	R. B. Narayana Chetti, *Ag.**	
Kudligi	C. Venkoba Rao	150
CANARA, SOUTH		
Mangalore	R. Rama Rao, (on dep.)	225
	V. Rama Rao, *Ag.*	
Udipi	V. Rama Rao, (on dep.)	200
	N. P. Fernandez, *Ag.*	
Kasaragod	N. P. Fernandez, (on dep.)	200
	B. Shivayya, *Ag.*	
Uppinangadi	Paul Castelino	175
Coondapoor	B. Babu Rao	150
CHINGLEPUT.		
Madurantakam	M. V. Narayanaswmi Pillai, B.A., (on dep.)*	225
	A. Rajabadar Mudahyar, B.A., *Ag.**	
Conjeeveram	V. Damodara Mudaliyar, B.A.*	200

* Magistrate, 2nd Class.

Districts and Taluks.	Names.	Pay.
CHINGLEPUT— *concld.*		Rs.
Saidapet	Mir Serajuddeen Sahib, (on dep.)*	175
	S. Anantanarayana Aiyar, B.A., B.L., *Ag.**	
Tiruvallur	V. Srinivasa Chariyar, B.A.*	175
Chingleput	M. Sanjivi Nayudu*	150
Ponneri	Muhammad Ali Sahib Hazari	150
COIMBATORE.		
Erode	G. Narayanaswami Aiyar, (on dep.)	250
	T. M. Sundaram Pillai, *Ag.**	
Palladam	T. M. Sundaram Pillai, (on dep.)	225
	N. C. Srinivasa Chari, *Ag.**	
Coimbatore	N. C. Srinivasa Chari, (on dep.)	200
	E. T. Vedanayagam Pillai, *Ag.*	
Dharapuram	V. Narasimha Aiyangar*	200
Kollegal	M. Ramaswami Pillai, (on dep.)*	150
	Local Allowance	50
	Mir Mahomed Ghaus Sahib, *Ag.**	
Satyamangalam.	S. Krishnayyar*	200
Karur	Andrew Lazarus*	175
Pollachi	R. Ramachandra Aiyar*	175
Udamalpet	E. T. Vedanayagam Pillai, (on dep.)*	175
	M. Ramaswami Pillai, *Ag.**	
Bhavani	R. Srinivasa Aiyar*	150
CUDDAPAH.		
Proddatur	G. Suriyanarayana Nayudu, *Ag.*	150
Pullampett	M. Balakrishnama Nayudu	200
Kadiri	G. Naranayya, B.A.	225
Vayalpad	M. N. Vasada Charlu, Rao Bahadur	200
Madanapalle	K. Madhava Rao	175
Jammalamadugu.	S. Srinivasa Charulu	175
Cuddapah	A. Kachapeswara Aiyar	200
Royachoti	G. Ekambara Aiyar, B.A., (under suspension).	
	C. Krishnamurthi Nayudu, *Ag.*	175
Pulivendla	V. Seshayya	175
Badvel	J. Narayana Reddi, B.A.	150
Sidhout	C. Krishnamurti Nayudu, (on dep.)	150
	T. Subba Rao, B.A., *Ag.*	

Districts and Taluks.	Names.	Pay.
GANJAM.		Rs.
Berhampore	S. L. Narasimha Rao Pantulu, (on dep.)	200
	A. Kameswara Rao Nayudu, *Ag.*	
Goomsur	A. Kameswara Rao Nayudu, (on dep.)	175
	N. Venkata Rao Pantulu, *Ag.**	
Chicacole	N. Venkata Rao Pantulu, (on dep.)*	150
	P. Venkataramanayya Pantulu, *Ag.*	
GODAVARI.		
Ramachandrapuram.	K. Narasimham, B.A.	250
Narsapur	Y. Venkata Rao, B.A.	225
Amalapuram	S. Narasimham Nayudu.	200
Tanuku	Saiyid Vaziruddin	200
Bhadrachalam.	A. Appa Rao	175
Bhimavaram	G. Subrahmanyam	175
Ellore	Muhammad Ibrahim	175
Rajahmundry	L. Venkata Krishnayya.	175
Peddapuram	S. Srinivasa Rao, B.A., *Ag.*	150
Yernagudem	Muhammad Ali Sahib.	150
KISTNA.		
Tenalli	P. Acharyulu Pantulu (on dep.)	250
Bapatla	K. Seshachalapati Pantulu, B.A.*	225
Gudivada	T. Balaji Rao, Nayudu*	225
Guntur	T. Rama Rao Nayudu.	225
Narsaraopet	M. Mukkantesvaradu*	200
Palnad	S. Kuppuswami Chetti, B.A.*	200
Bandar	V. Dakshinamurti Pantulu, B.A.*	175
Sattenapalli	M. Subba Rao Pantulu, B.A.*	175
Bezwada	P. V. Narasimha Rao Pantulu	175
Nandigama	V. Pattabiramayya Pantulu*	150
Nuzvid	T. Raghava Rao Pantulu, (on dep.)*	150
	K. Manikya Rao Pantulu, B.A., *Ag.*, (on leave).	
Vinukonda	T. Vasudevamurti Pantulu*	150
KURNOOL.		
Koilkuntla	A. V. Singaravelu Mudaliyar, (on dep.)	225
	K. Vijayaraghava Chariyar, M.A., *Ag.*	

* Magistrate, 2nd Class.

Districts and Taluks.	Names.	Pay.
KURNOOL—*concld.*		Rs.
Ramallakot ...	K. Vijayaraghava Chariyar, M.A., (on dep.).	200
	A. V. Singaravelu Mudaliyar, *Ag.*	
Nandyal ...	Y. Venkataramanjulu Nayudu ...	200
Pattikonda ...	Y. Narayana Rao ...	175
Nandikotkur ...	M. Bahuddin Sahib ...	175
Sirvel ...	V. Venkatanarayana Pillai, B.A. ...	150
Cumbum ...	K. Padmanabhulu Nayudu, B.A., (on dep.) ...	150
	C. Ranganatham Nayudu, B.A., *Ag.*	
Markapur ...	C. Ranganatham Nayudu, B.A., (on dep.) ...	150
MADRAS.		
Madras ...	D. Venkata Varadayya	200
	Conveyance allowance	40
MADURA.		
Madura ...	Mir Sultan Mohi-udin Sahib, (on dep.)* ...	225
	P. Venkatesvara Aiyar, *Ag.*	
Dindigul ...	P. Venkateswara Aiyar, (on dep.)* ...	200
	M. Saketharam Nayudu, *Ag.*	
Tirumangalam ...	M. Tirumalai Pillai, B.A., (on dep.) ...	200
	M. Krishna Rao, *Ag.*	
Melur ...	S. Nagaswami Aiyar, B.A., (on dep.) ...	175
	M. Krishna Rao, Sub. *pro tem.* (on dep.).	
	R. Satagopa Aiyangar, *Ag.*	
Palni ...	M. R. Govinda Rao, (on dep.) ...	150
	J. Ganapathi Pillai, B.A., *Ag.*	
Periyakulam ...	M. Saketharam Nayudu, (on dep.) ...	150
	P. Samavaiyar, *Ag.*	
MALABAR.		
Ponani ...	C. Gopalan Nayar, (on dep.) ...	250
	P. Rama Aiyar, (Sub. *pro tem.*)	
Ernad ...	P. Rama Aiyar, (on dep.)* ...	200
	S. Ramachandra Aiyar, B.A., (Sub. *pro tem.*).	
Kurumbranad.	K. Govinda Menon, B.A., (on leave) ...	175
	C. Karunakaran, *Ag.*	
Palghat ...	J. L. Jacques, (on dep.)	225
	S. Ananta Pattar, (Sub-*pro tem.*)	225

Districts and Taluks.	Names.	Pay.
MALABAR—*concld.*		Rs.
Waluvanad ...	A. Chandu Nambiyar...	225
Wynaad ...	S. Ananta Pattar ...	200
	P. Kunhayan, (Sub. *pro tem.*)	
Calicut ...	S. Ramachandra Aiyar, B.A., (on dep.) ...	175
	P. C. Ramaswami Aiyar, B.A., *Ag.*	
Chirakkal ...	J. H. Boyer ...	175
Kottayam ...	P. Kunhayan, (on dep.)	150
	K. R. Narayana Aiyar, B.A., *Ag.*	
NELLORE.		
Nellore ...	K. Vasantha Rao, (on leave.) ...	250
	E. Sitharama Rao Nayudu, *Ag.*	
Gudur ...	E. Sitharama Nayudu, B.A., (on dep.) ...	225
	S. Subbarayudu, *Ag.*	
Ongole ...	S. V. Subbarayudu, (on dep.) ...	200
	S. Ramayya, B.A., *Ag.*	
Atmakur ...	S. Ramayya, B.A., (on dep.) ...	175
	T. Ranga Rao, B.A., *Ag.*	
Kandukur ...	M. Kuppuswami Chetti, B.A. ...	175
Kavali ...	S. Mahammad Raza Sahib, B.A. ...	175
Udayagiri ...	M. Sitharamayya ...	150
Ramgiri ...	T. Ranga Rao, B.A., (on dep.) ...	150
	G. Mangapathi Nayudu, B.A., *Ag.*	
Rapur ...	S. N. Vadi Raja Char, B.A. ...	150
SALEM.		
Salem ...	R. Sunderasa Mudaliyar, B.A., (on dep.).	250
	J. Ramachandra Rao, *Ag.*	
Namakal ...	T. V. Srinivasa Aiyar, B.A., (on dep.) ...	225
	Muhammad Yakub Sahib, B.A., *Ag.*	
Tiruchengodu.	K. Raghavendra Rao, B.A.* ...	225
Hosur ...	J. Ramachandra Rao, (on dep.)* ...	200
	A. Pushpanatha Pillai, B.A., *Ag.*	
Atur ...	Muhammad Yakub Sahib, B.A., (on dep.)	200
	E. Venkata Subbayar, B.A., *Ag.*	

* Magistrate, 2nd Class.

District and Taluks.	Names.	Pay.
SALEM—*concld.*		Rs.
Krishnagiri ...	S. A. Ramaswami Mudaliar, B.A., (on dep.)* ...	175
	T. N. Ramachandra Rao, B.A., *Ag.*	
Uttenkarai ...	A. Ramaswami Aiyar.*	175
Dharmapuri ...	A. Pushpantha Pillai, B.A., (on dep.)* ...	150
	C. Murugesa Mudaliyar, *Ag.*	
Tirupatur ...	M. R. Sambayya, (under suspension) ...	150
	R. V. Krishnaswami Aiyar, *Ag.*	
TANJORE.		
Kumbakonam ...	C. K. Srinivasa Aiyangar ...	250
Nannilam ...	T. V. Gopalaswami Aiyar, B.A. (on dep.)*.	225
	T. Ramaswami Aiyangar (Sub. *pro tem.*) ...	
Negapatam ...	M. Srinivasa Aiyangar, (on dep.) ...	250
	R. Kolandaswmi Pillai, *Ag.*	225
Tanjore ...	Mir Abbas Ali Sahib, Bahadur* ...	250
Mayavaram ...	R. Kolandaswami Pillai*	200
Tiruturaipundi ...	V. S. Sambasiva Aiyar, B.A. ...	200
Pattukottai ...	T. Ramaswami Aiyangar, (on dep.) ...	200
	A. S. Daniel Pillai, (Sub. *pro tem.*)	
Mannargudi ...	S. Kalyanarama Aiyar, B.A., (on dep.) ...	175
	Muhammad Abdul Hic, *Ag.*	
Shiyali ...	L. V. Vardaraja Sarma, B.A., B.L. ...	150

District and Taluks.	Names.	Pay.
TINNEVELLY.		Rs.
Srivaikuntam...	P. Venkataswami Pillai, B.A. ...	250
Ambasamudram.	M. Maharaja Pillai ...	200
Tinnevelly ...	P. Narasimha Sastriyar	225
Srivilliputur ...	A. Nataraja Aiyar, B.A.	225
Sattur ...	S. R. Ramakrishna Aiyar, B.A. ...	175
Saankaranaiynar Covil.	N. Srinivasa Aiyar, B.A.	150
Tenkasi ...	Seshadri Aiyangar ...	150
Ottappidaram.	G. Murugesam Pillai ...	175
Nanguneri ...	T. N. Rajagopal Aiyar, B.A., B.L. ...	200
TRICHINOPOLY		
Trichinopoly...	S. Annamalai Pillai*...	250
Musiri ...	A. Duraiswami Mudaliyar ...	225
Udayarpalayam.	C. Thinadayalu Nayudu* ...	200
Perambulur ...	A. Savarimuthu Pillai, (on dep.) ...	175
	P. K. Rajam Aiyar, (Sub *pro tem.*).	
Kulitalai ...	R. Saminatha Aiyar ...	150
VIZAGAPATAM.		
Golgonda ...	M. Narasimham Pantulu, *Ag.** ...	200
Sarvasidhi ...	B. V. Ramanarsu Pantulu, Rao Bahadur, (on dep.)* ...	150
	K. V. Ramanayya Pantulu, *Ag.*	
Palkonda ...	M. Narasimham Pantulu, (on dep.) ...	175
	B. V. Ramanarasu Pantulu, Rai Bahadur, *Ag.*	

DEPUTY TAHSILDARS AND STATIONARY SUB-MAGISTRATES.

Divisions.	Names.	Pay.
	ANANTAPUR.	Rs.
Uravakonda ...	C. Raghavendra Chari..	100
Yadiki	C. Krishnayya ...	100

Divisions.	Names.	Pay.
	Stationary Sub-Magts.	Rs.
Anantapur.....	S. C. Srinivasa Chari, B.A. ...	100
Tadpatri	T. G. Turner ...	100
Gooty.....	K. Lingayya Chetty ...	100
Penukonda.....	P. Rajagopal Nayudu...	100

* Magistrate, 2nd Class.

Divisions.	Names.	Pay.
	ARCOT, NORTH.	Rs.
Arni	V. Gopala Chari	120
Puttur	V. N. Tiruvengada Mudaliyar	120
Punganur	V. A. Pereira	120
Kangundi	T. G. Yussiff Ali Khan Sahib	120
Tirupati Town.	V. Ranganatha Rao	120
Kalahastri	A. Subramanya Ayar	100
Vellore Town.	M. Srinivasa Chari, B.A.	120
Venkatagirikotah	S. Tyagaraja Aiyar, B.A., B.L.	100
Arkonam	W. Jagannada Mudr.	120
Tirutani	V. N. Narasinga Rao, B.A.	120
	Stationary Sub-Magts.	
Chittoor	T. N. Subbaramayya	100
Chandragiri	V. Swami Pillai	100
Arcot	Y. Subramaniya Ayya, B.A.	100
Ambur	C. Raghunatha Rao	100
Gudiyatam	K. Narasinga Rao	100
Wallajahpet	D. V. Srikantayya, B.A.	100
Wandewash	V. Bashyam Aiyangar.	100
Polur	S. Venkata Subbaiyar, B.A.	100
	ARCOT, SOUTH.	
Mannargudi	M. Sabapathi Mudaliyar, B.A.	100
Bowanagherri	P. V. Damodaram Nayudu, B.A.	100
Vanur	V. Varatharajulu Nayudu	100
Tittagudi	R. Rajagopala Chari, B.A.	100
Gingi	V. Chockalingam Pillai, B.A.	100
Chengum	A. Venkata Krishna Aiyar	100
Panruti	R. Srinivasa Aiyangar, B.A.	100
Ulunderpett	N. S. Natesa Aiyar, B.A., B.L.	100
Merkanum	K. Narayanaswami Aiyar, B.A.	100
	Stationary Sub-Magts.	
Cuddalore	A. S. Ramaswami Pillai, B.A.	120
Chidambaram	V. Murugesam Pillai, B.A.	120
Tindivanam	C.P.Doraswami Chetti, B.A.	100
Vriddachalam	V. Rangaswami Aiyar.	120
Tirukoilur	P. Desiga Chari	100
Villupuram	C. S. Sivarama Krishna Sarma, B.A., B.L.	100

Divisions.	Names.	Pay.
	ARCOT, SOUTH—*concld.*	
	Stationary Sub-Magts.—concld.	Rs.
Kallakurchi	T. A. Rajendram Pillai	100
Tiruvannamalai	K. Narayanaswami Aiyar, B.A.	100
	BELLARY.	
Bellary Town	K. Ramakrishna Brahm	120
Sirugappa	V. Krishna Rao, B.A.	100
Yemiganoor	R. Venkoba Charulu, B.A.	100
Alur	B. H. Hanumantha Rao	100
	Stationary Sub-Magts.	
Kudligi	R. B. Narayana Chetti	100
Bellary	A. Krishna Rao Pantulu, B.A.	100
Adoni	P. Venkata Chari, B.A.	100
Hospet	T. Rajagopala Aiyangar, B.A.	100
	CANARA, SOUTH.	
Mangalore Town	V. M. Fernandez, B.A., B.L.	100
Bantwall	S. Ananda Rao	100
Nilshwar (Kasargode Taluk)	Muhammad Khan	100
Karkal (Udipi Taluk)	Y. Ramakrishnayya	100
Beltangadi (Uppinangudi Taluk)	A. Devappa Punja, B.A., B.L.	100
Monegar of Amindivi Islands	Abbas Ali Sahib	85
Mangalore	M. Venkata Rao	100
Kasargod	T. Roberts	100
Udipi	P. P. Mascarnehas	100
Coondapoor	A. L. Saldanha	100
Upinangadi	M. Panduranga Kini	100
	CHINGLEPUT.	
	Dy. Tahsildars and Stationary Sub-Magts.	
Stripermadur	C. Sambasiva Sastri, B.A.	100
Poonamallee	A. Ramachandra Aiyar, B.A., B.L.	100
Sathiavadu	C. Masilamany Pillai, B.A.	100
Utramerur	A. Vasudeva Aiyar	100

Divisions.	Names.	Pay.
	CHINGLEPUT—*concld.*	
	Dy. Tahsildars and Stationary Sub-Magts.—concld.	Rs.
Ponneri	D. B. Venkata Subba Rao	100
Madurantakum	S. V. Sitharamayya, B.A.	120
Conjeevaram	S. V. Kallabhieran Pillai, B.A.	120
Tiruvellur	S. C. Venkata Ramayya	100
Saidapet	S. Anantanarayana Aiyar, B.A., B.L.	120
Chingleput	M. Kothanda Rama Pillai	120
	COIMBATORE.	
Mettapalayam	Ghulam Muhamud Sahib	100
Perindurai	K. V. Ramaswami Aiyar	100
Avanashi	C. Vaiyapuri Mudaliyar.	100
Kangayam	C. Rajagopala Chari	100
Aravacoorchi	V. V. Ramasubbayya, B.A.	100
Satyamangalam	Mir Muhamud Ghouse Sahib, B.A.	100
	Stationary Sub-Magts.	
Gopichettipalayam	C. P. Venkataramayya, B.A.	100
Coimbatore	O. Sanjeeva Rao	120
Erode	A. Chengalva Raja Nayudu	100
Polladam	O. Sundara Rao	100
Dharapuram	P. Tangavelu Mudaliyar, B.A.	100
Karur	R. Srinivasa Aiyan B.A.	100
Pollachi	R. Subramanya Aiyar, B.A.	100
Udamalpet	T. A. R. Perumal Pillai.	100
	CUDDAPAH.	
Cuddapah Town	A. C. Krishnaswami Nayudu, B.A.	100
Chitwail	D. Nagabushanam Rao	100
Kamalapuram	A. Seshagiri Rao	100
Peelair	T. N. Krishna Rao	100
	Stationary Sub-Magts.	
Cuddapah	T. N. Govintha Raju Nayudu	100
Pullampett	R. Narayana Rao	100
Pulivendla	N. Narasinga Rao	100

Divisions.	Names.	Pay.
	CUDDAPAH—*concld.*	
	Stationary Sub-Magts.—concld.	Rs.
Proddattur	G. Surya Naraya Nayudu	100
Jammalamadugu	C. Ramanjulu Nayudu.	100
Kadiri	C. Mahadeva Sastri	100
Madanapalli	S. V. Sundara Charulu.	100
Rayachoti	T. Vasudeva Rao, B.A.	100
	GANJAM.	
Parlakimedi	K. Rajagopala Rao Pantulu	120
Tekkali	N. Raghava Rao Pantulu	120
Itchapuram	P. Janaki Rao Pantulu	120
Purushotapur	S. Ramamurti Pantulu.	120
Aska	P. M. Sundaram Pillai, B.A.	*120
Narsaraopetta	T. Jagannadhar Rao Nayudu	100
Surada	N. Venkata Rao Pantulu	120
Ganjam	S. Lakshminarasu Pantulu	100
Berhampore Town	N. Ramamurti Nayudu, B.A.	120
Sompetta	N. Venkata Rao Pantulu, B.A.	100
	Stationary Sub-Magts.	
Berhampore	B. Lakshmikanton Pantulu	120
Chicacole	U. Gopala Rao Pantulu.	120
Goomsur	U. Patnaick	120
	MALIAH (GANJAM DISTRICT).	
Balliguda	A. Chimanyapatnaick, (Sub. *pro tem.*)	†250
Udayagiri	S. Venkata Narayana Nayudu	200
Ramagiri	T. Venkataramanayya Pantulu, (Sub. *pro tem.*)	‡200
	GODAVARI.	
Alamur	P. Prakasam	100
Kottapetta	S. Srinivasa Rao, B.A.	100
Pentapadu	D. Subrayaidu Nayudu.	100
Polavaram	Y. S. Somayajulu	150
Yellavaram	P. Hanumantha Rao	125
Prattepadu	B. Lakshmina Rao	120

* Draws also Local allowance.
† Includes Local allowance of Rs. 100.
‡ Do. do. Rs. 80.

Divisions.	Names.	Pay.
	GODAVARI—*concld.*	Rs.
Cocanada Town...	B. Kamaraz ...	120
Cocanada	H. A. Walford ...	120
Pittapuram	M. Muhammed Ali Sahib ...	120
Tuni	D. Umamaheswara Rao, B.A. ...	120
Chodavaram	N. Kondalarayudu Nayudu ...	150
Chintalapadi	T. Lakshmi Narasimha Rao ...	100
Sivakodu	H. Rama Rao, B.A. ...	100
	Stationary Sub-Magts.	
Rajahmundry	V. Appa Rao, B.A. ...	120
Ellore	V. Rama Razu ...	120
Narasapur	V. Venkayya ...	120
Amalapuram	T. Venkata Ramayya ...	120
Ramachendrapuram	C. Ayyappa ...	100
Tanuku	D. Venkata Ratnam ...	100
Bhimavaram	R. Subba Rao, B.A. ...	100
Peddapuram	A. Ramachandra Rao	100
Yernagudem (Kovour)	A. Krishnama Razu ...	100
	KISTNA.	
Vissannapeta	V. Pattabhiramayya Pantulu, B.A. ...	100
Juggiapetta	A. Krishna Rao Nayudu, B.A. ...	100
Manglageri	K. Manikya Rao Pantulu, B.A. ...	100
Tammurukodu	V. Venkata Narasayya Pantulu	100
Kaikalur	Muhammad M. Hussain Sahib ...	100
Avnigadda	Muhammad Bazhullah Sahib, B.A. ...	100
Ponnur	P. T. Srinivasa Chari, B.A., B.L. ...	100
Tiruvur	S. Raghavendra Rao Pantulu ...	120
	Stationary Sub-Magts.	
Repalli	V. Parabrahma Sastri..	100
Bezwada	M. V. Lakshminarayana Rao Pantulu ...	100
Narasaraopet	T. Shadogopa Pillai ...	100
Guntoor	D. V. Subba Rao Pantulu ...	100
Bandar Town	P. Kamaraju Pantulu, B.A. ...	100
Bapatla	S. Brahmayasatham Nayudu, B.A. ...	100
Gudivada	T. P. L. Narasimha Chari ...	100
Sattenapallee	Muhamud Unwarulla Sahib ...	100
Tenali	P. Sobhanadri ...	100

Divisions.	Names.	Pay.
	KURNOOL.	Rs.
Owk	P. Venkoba Rao ...	100
Kurnool Town	A. Doraswami Aiyar, B.A. ...	100
Atmakur	M. Krishnamurthi Rao	100
Kalwa	C. Ranganatham Nayudu, B.A. ...	100
Pypalli	G. Chengalva Rao Nayudu ...	100
	Stationary Sub-Magts.	
Nandyal	P. Rajagopaul Nayudu.	100
Pattikonda	R. Narasinga Rao ...	100
	MADURA.	
Madura Town	B. Venkata Chariyar, B.A. ...	120
Tirushuli	C. Chokalingam Pillai.	120
Ramnad	K. Swaminatha Aiyar, B.A. ...	120
Sivaganga	Saiyid Muhiddin Sahib	120
Tirupatur	S. Muthusundaram Aiyar ...	120
Usilampati	T. Panchapakesa Aiyar, B.A., B.L. ...	100
Mutukulattur	J. Ganapathi Pillai, B.A.	120
Tiruvadani	G. Jaganatha Aiyar, B.A., B.L. ...	120
Nellacottah	S. Venkoba Rao ...	100
Vedasandoor	A. Ayyaswami Sastriyar, B.A. ...	100
Uttampoliem	R. S. Venkateswara Aiyar ...	100
Kodaikanal Hills	L. A. Cammiade, B.A.	150
Paramagudi	A. Annathorai Aiyar ...	120
	Stationary Sub-Magts.	
Tirumangalam	A. R. Rajagopala Chetti, B.A. ...	100
Peryakolam	C. Chokalingam Pillai	120
Melur	S. Muhamud Hussain Sahib ...	100
Dindigul	P. Samava Aiyar ...	120
Palni	M. R. Govinda Rao ...	120
Madura Taluk	P. Thiagarama Aiyar...	120
	MALABAR.	
Cannanore	K. Gopala Menon ...	120
Taliperamba	M. A. Gopala Krishna Aiyar ...	120
Calicut Town	P. Govindan ...	120
Tangacherry	K. Kunjuni Menon ...	100
Chavakkad	S. Ramachandra Aiyar, B.A. ...	100
Chowghat	B. K. Madhavan Nambayar ...	100
Betutpathiangadi	A. Thyagaraga Aiyar...	100
Allatur	T. V. Krishna Aiyar ...	100
Cherpalcheri	K. R. Narayana Aiyar, B.A. ...	100
Tiruranguli	K. Kunhiraman ...	100

Divisions.	Names.	Pay.
	MALABAR—*concld.*	Rs.
Walwanad	P. Krishnan ...	100
Anjengo	Saiyid Obadullah Sahib	100
Ottapalam	K. R. Narayana Aiyar..	100
Badagara	K. Raminni Menon ...	120
Calicut	P. Sukumaran ...	120
Vythri	A. H. D'Rozario ...	100
Kuttaparamba	T. Govindan ...	100
Quilandy	K. Chantan ...	100
	Stationary Sub-Magts.	
Tellicherry	P. A. Sankuni Menon...	...
Ernad	P. Kunjayam ...	120
Kottayam	P. A. Sankuni Menon..	100
Ponani	O. Raman ...	100
Palghat	V. V. Kunhi Raman ...	120
Cherakal	C. Karunakaran ...	120
Kotah	B. Venkata Ramayya...	100
Manjen	P. C. Ramasami Aiyar, B.A. ...	120
	NILGIRIS.	
Ootacamund	K. Sitharama Aiyar, B.A.	*160
Gudalur	N. Natesa Sastri, B.A...	†150
Coonoor	A. N. Venkatarama Aiyar ...	*100
	Stationary Sub-Magts.	
Coonoor	A. Rajahbahadur Mudliyar. ...	*100
	NELLORE.	
Venkatagheri	K. Lakshminarasu Nayudu ...	120
Allur	M. Purishottama Rao, B.A ...	100
Addanki	A. Narayana Aiyar, B.A.	100
Polur	C. Rama Rao ...	120
Podili	B. Narayana Rao ...	120
Darsi	M. Seetharamayya ...	120
	Stationary Sub-Magts.	
Nellore	V. Ananthanarayana Sastri, B.A. ...	120
Kandukur	M. Sabapathi Rao Nayudu, B.A. ...	100
Ongole	C. Srinivasa Rao ...	100
Gudur	G. Mangapathy Nayudu, B.A. ...	100
Atmakur	B. Venkataramayya ...	100
Kotah	M. Rama Rao ...	100
	SALEM.	
Shervaroy Hills	V. Arokiaswami Pillai.	150
Salem Town	T. N. Ramachandra Rao, B.A. ...	100

Divisions.	Names.	Pay.
	SALEM—*concld.*	Rs.
Paramati	H. R. Srinivasa Aiyangar, B.A. ...	100
Omalur	S. Venkatasubbaiyar ...	100
Sankagherry Droog	Saiyud Abdul Khadur Sahib ...	100
Vaniembadi	Muhamud Abdul Hafiz Sahib, B.A. ...	100
Denkanikota	K. V. Sriranga Chariyar	100
Razipur	V. Subba Naraiyar, B.A.	100
Pennagarum	M. Ghouse Sahib ...	100
Harur	P. B. Sankara Rao ...	100
	Stationary Sub-Magts.	
Salem	R. V. Krishnaswami Aiyar, B.A. ...	100
Namakal	S. R. Venkata Rayalu Nayudu ...	100
Atur	P. Ramachandra Aiyar, B.A. ...	100
Tirupatur	K. Narasinga Rao ...	100
	TANJORE.	
Kombakonum	S. Tirumalai Aiyangar, B.A. ...	100
Kodavasil	T. Kanaghasabesha Aiyar, B.A. ...	100
Vallam	A. Daniel Pillai, B.A. ...	100
Tiruvendarmarathur	P. Kasivisvalingam Pillai, B.A., (on dep.) ...	120
	S. Ramaswami Aiyar B.A., Ag. ...	...
Trivalur	A. N. Samuel Pillai, B.A. ...	100
Tranquebar	T. Muthuswami Aiyar..	100
Vedarniem	U. Raghava Chari ...	100
Nedamungalam	V. Ramachandra Rao..	120
Aranthangi	S. Sundaram Aiyar, (on dep.) ...	100
	P. Kasiviwalingam Pillai, B.A., B.L., Ag.	
Tiruvadi	C. P. Rahgava Chariyar.	100
	Stationary Sub-Magts.	
Tanjore	A. Sivakolandu Mudaliyar, B.A. ...	120
Negapatam	S. Ramachandra Aiyar, B.A. ...	100
Nannilam	S. Arukiaswami Pillai.	100
Shiyali	T. S. Swaminatha Aiyar, B.A. ...	120
Mayavaram	T. S. Vamana Rao, B.A.	120
Kumbakonum	Muhammad Abdul Hie Sahib ...	100
Patukota	S. Krishnaswami Aiyar, B.A. ...	120

* Draws also Local allowance of Rs. 25.
† Do. do. 15.

Divisions.	Names.	Pay.
	TANJORE—*concld.*	
	Stationary Sub-Magts. —concld.	Rs.
Mannargudi ...	A. Mukshidamba ra m Pillai, B.A. ...	100
Tiruturaipundi	M. Agniswami Pillai, B.A. ...	100
	TINNEVELLY.	
Kulasagarapatam	P. R. Subramaniya Aiyar, B.A. ...	100
Palamcotcah ...	N. Valayuthan Pillai ...	100
Villatikolum ...	V. Padmanabha Aiyar, B.A. ...	100
Radapuram.....	N. Srinivasa Aiyar, B.A.	100
Virdupatti.....	T. Srinivasa Aiyangar.	100
Tuticorin..... ...	A. Pormohidin Sahib...	100
Vathinyarapur	B. Mohi-din Khan Lodi Sahib ...	100
	Stationary Sub-Magts.	
Srivaikuntam..	J. Dharmaraaya Raju..	100
Sankarunainarkovil	L. Kallpran Pillai ...	100
Srivelliputtur..	K. S. Ramachandra Aiyar ...	100
Ottipadaram...	V. Ramaswami Aiyar, B.A. ...	100
Tenkasi	Kaliathappa Mudaliar.	100
Tinnevelly.....	P. Lakshmana Pillai...	100
Nanguneri ...	M. Venkatasubbaiyar...	100
Watrap.....	S. Gopala Aiyar ...	100
Satur	S. Ekambaram Aiyar...	100
	Special Sub-Magts.	
Surandai.....	T. Venkaiyar ...	100
Sivakasi.....	T. S. Sankaralingam Pillai, B.A. ...	100
	TRICHINOPOLY.	
Trichinopoly Town.....	P. K. Rajaram Aiyar...	120
Torriyur.....	P. S. Venkatasubramaniya Aiyar, B.A. ...	100
Manaparai.....	G. Muhammad Sarwar Sahib ...	100
Kilapaluvur ...	R. Sivagnana Mudaliyar, B.A. ...	120
Lalgudi.....	Chanda Miyan Sahib ...	100
	Stationary Sub-Magts.	
Trichinopoly Taluk.....	Ghulam Saiyid Ghofur Sahib ...	120
Musiri	P. S. Vaidyanatha Aiyar, B.A. ...	100

Divisions.	Names.	Pay.
	TRICHINOPOLY—*concld.*	Rs.
	Stationary Sub-Magts. —concld.	
Kulitalai	A. P. Singaravelu Pillai, B.A. ...	100
Perumbalur ...	A. Sitarama Aiyar ...	120
Udayarpolliem	S. A. Visuvasam Pillai.	100
	VIZAGAPATAM.	
Anakapalli.....	G. Hanumuntha Rao Nayudu ...	120
Vizagapatam...	S. Kutumba Rao ...	120
Bimlipatam	V. Somayajulu Pantulu	120
Vizianngram...	V. Sanyasi Pantulu, (on dep.)	120
	M. Jaya Rao Pantulu, (Sub. *pro tem.*) ...	100
Salur	C. Suriyanarayana Rao Pantulu ...	120
Bobilli.....	K. Kotanna Pantulu ...	120
Parvatipur.....	T. Govinda Rao Pantulu, (on dep.) ...	120
	J. Venkannah Pantulu (Sub. *pro tem.*) ...	...
Srungavarapukotta.....	J. Sanjiva Rao Nayudu.	100
Viravilli	N. Venkataramayya Pantulu ...	100
Gazapatinagara.....	P. Venkata Sastralu ...	100
Chipuripilli.....	M. Kuppuswami Sastri	100
	Agency Tracts.	
Gunupur	G. Appa Rao Nayudu...	200
Rayaghada.....	K. Ramaswami Pantulu	150
Nourangapar..	P. Jagannyakulu Nayudu ...	150
Mulkangheri...	P. Venkannah Pantulu.	150
Jeypore	D. Chalapati Rao Pantulu ...	200
Koraput.....	V. Suriyanarayana Patnaik ...	150
Padawa	S. Audinarayana Nayudu ...	120
Potingi	P. Veeraraju Pantulu..	120
Bissem Cuttac.	D. Parsauramayya Nayudu ...	100
	Stationary Sub-Magts.	
Yellamancheri.	V. V. Subba Rao Pantulu ...	120
Palkondah.....	R. L. Narasimhulu Pantulu ...	120

168

HUZUR SHERISTADARS.

District.	Names.	Pay.
		Rs.
Anantapur.....	M. Arumukham Pillai.	200
Arcot, North...	B. S. Venkataramana Sarma, B.A. ...	225
Arcot, South...	T. S. Chengalvaraya Aiyar, B.A. ...	225
Bellary	M. S. Mascarenhas, B.A.	200
Canara, South.	A. Vasudeva Poi	200
Chingleput.....	P. Seshagiri Rao, B.A...	200
Coimbatore.....	P. S. Vasudeva Rao	200
Cuddapah.....	V. Krishnama Charlu, B.A. ...	200
Ganjam.....	P. Srikrishnulu Patrudu, B.A. ...	200
Godavari.....	P. Nagesa Rao ...	225
Kistna.....	G. Lakshmikantha Rao, Pantulu ...	225

District.	Names.	Pay.
		Rs.
Kurnool	D. K. Ananthakrishna Aiyar, B.A. ...	200
Madras.....	V. A. Ramaswami Aiyar.	200
Madura.....	S. Rangaswami Aiyangar, B.A. ...	200
Malabar	G. T. Vurgese, B.A. ...	225
Nilgiris.....	S. Narasimha Aiyar† ...	175
Nellore.....	K. Sitapati Rao ...	200
Salem.....	A. Vedachela Aiyar, B.A.	225
Tanjore.....	T. N. Sivagnanan Pillai, B.A. ...	225
Tinnevelly.....	T. Sesha Aiyar, B.A. ...	225
Trichinopoly...	A. Doraswami Mudaliyar, B.A. ...	225
Vizagapatam..	Rao Bahadur S. Suryanarayana Row Pantulu ...	200

† Local allowance of Rs. 25.

FOREST DEPARTMENT.

The scale of Controlling Establishment sanctioned by H. M.'s Secretary of State for India is as follows:—

(1) Upper Controlling Staff.

		Rs.
1	Conservator, 1st Grade	1,600
1	Do. 2nd do.	1,350
1	Do. 3rd do.	1,100
3	Deputy Conservators, 1st Grade	900 each.
4	Do. do. 2nd do.	800 ,,
7	Do. do. 3rd do.	650 ,,
8	Do. do. 4th do.	550 ,,
1	Extra Deputy Conservator, 4th Grade	450 ,,
5	Assistant Conservators, 1st Grade	450 ,,
5	Do. do. 2nd do.	350 ,,

(2) Lower Controlling Staff.

2	Extra Assistant Conservators, 1st Grade.....	350 each.
7	Do. do. 2nd do.	300 ,,
4	Do. do. 3rd do.	250
4	Do. do. 4th do.	200 ,,

According to this scale the Officers of the Department have been graded as under:—

No.	Name.	Pay.	Allowance.	Districts where serving.
	CONTROLLING STAFF.	Rs.	Rs.	
	(1) Upper Controlling Staff.			
	Conservator 1st Grade (1)—*Pay Rs.* 1,600.			
1	Mr. A. W. Peet.....	1,600	...	Central Circle.
	Conservators, 2nd Grade (2)—*Pay Rs.* 1,350.			
	Vacant.....	...	...	
	Mr. E. D. M. Hooper	1,100	250	Northern Circle, (*Acting*).

* Officers admitted by the Secretary of State to the European Service Leave Rules of the Civil Service Regulations.

No.	Name.	Pay.	Allowance.	Districts where serving.
	CONTROLLING STAFF—*contd.*	Rs.	Rs.	
	(1) Upper Controlling Staff—*contd.*			
	Conservators, 3rd Grade (1)—*Pay Rs.* 1,100.			
1	Mr. E. D. M. Hooper	1,100	...	Northern Circle.—Ag. 2nd Grade.
	Acting.			
	Mr. H. A. Gass	900	A. A. 200	Southern Circle.
	Depy. Conservators, 1st Grade (8)—*Pay Rs.* 900.			
1	Mr. H. A. Gass	900	180	Acting Conservator, 3rd Grade, Southern Circle.
2	,, G. Hadfield	900	...	Nilgiris.
3	,, A. W. C. Stanbrough	900	...	Chingleput.
	Acting.		A. A.	
	Mr. C. E. Brasier	800	100	Salem.
	Depy. Conservators, 2nd Grade (4)—*Pay Rs.* 800.			
1	Mr. C. E. Brasier	800	...	Salem.—Ag. 1st Grade.
2	,, H. J. A. Porter	800	...	Madura.
3	,, A. W. Lushington	800	...	North Coimbatore.
4	,, T. P. Peake	800	...	South Arcot.
	Depy. Conservators, 3rd Grade (7)—*Pay Rs.* 650.			
1	Mr. F. A. Lodge	650	...	Doing duty under the Conservator, Southern Circle.
2	,, J. S. Battie	650	...	Kurnool.
3	,, E. R. Murray	650	...	*On furlough for 6 months.*
4	,, P. M. Lushington	650	...	Posted to Tinnevelly.
5	,, C. D'A. McArthy	650	...	Chief Forest Officer, Coorg.
	Acting.			
	Mr. A. B. Jackson	650	...	Tinnevelly.
	,, R. McIntosh, M.A.	650	...	Deputed to the Forest School.
	Depy. Conservators, 4th Grade (8)—*Pay Rs.* 550.			
1	Mr. C. du Pré Thornton	550	...	North Arrcot.
2	,, A. B. Jackson	550	...	South Coimbatore.—Ag. 3rd Grade.
3	,, R. McIntosh, M.A.	550	...	Deputed to the Forest School. —Ag. 3rd Grade.
4	,, G. F. F. Foulkes	550	...	Working Plan Officer, Southn. Circle.
5	,, H. B. Bryant*	550	...	Do. do. Central Circle.
6	,, F. L. C. Cowley-Brown	550	...	Do. do. Northern Circle.
7	,, J. L. McC. O'Leary	550	...	Trichinopoly *cum* Tanjore.
8	,, H. A. Latham	550	...	South Canara.
9	,, S. Cox	550	...	Vizagapatam.
	Acting.			
	Mr. H. F. A. Wood	550	...	Godavari.
	,, H. Tireman	550	...	North Malabar.
	,, C. E. C. Fischer	550	...	Ganjam.
	,, H. F. Arbuthnot	550	...	Madura.

* Officers admitted by the Secretary of State to the European Service Leave Rules of the Civil Service Regulations.

No.	Name.	Pay.	Allowance.	Districts where serving.
	CONTROLLING STAFF—*concld.*	Rs.	Rs.	
	(1) Upper Controlling Staff—*concld.*			
	Asst. Conservators, 1st Grade (5)—*Pay Rs.* 450.			
1	Mr. H. F. A. Wood	450	...	Godavari.—Ag. Dy. Consr., 4th Grade.
2	,, H. Tireman	450	...	North Malabar—Ag. Dy. Consr., 4th Grade.
3	,, C. E. C. Fischer	450	...	Ganjam.—Ag. Depy. Consr., 4th Grade.
4	,, H. F. Arbuthnot	450	...	Madura.—Ag. Depy. Consr., 4th Grade.
5	,, J. S. Scot	450	...	Cuddapah (*Ag.*).
	Acting.			
	Mr. C. B. Dawson	450	...	Anantapur.
	Asst. Conservators, 2nd Grade (5)—*Pay Rs.* 350.			
	Mr. C. B. Dawson	350	...	Anantapur.—Ag. 1st Grade.
	Extra Deputy Conservator, 4th Grade, (1)—*Pay Rs.* 450.			
1	Mr. Muttannah, Rai Bahadur	450	...	Bellary.
	(2) Lower Controlling Staff.			
	Extra Asst. Conservators, 1st Grade (2)—*Pay Rs.* 350.			
1	Mr. C. A. Eber Hardie	350	L. A. 50	District Forest Officer, Kistna.
2	,, W. Caroll	350	L. A. 50	North Arcot.
	Extra Asst. Conservators, 2nd Grade (7)—*Pay Rs.* 300.			
	V. Alwar Chetty, B.A.	300	...	On Foreign Service in Cochin State.
1	V. A. Parthasarathy Mudaliar	300	L. A. 50	On duty in the Board's Office.
2	Mr. S. C. Moss	300	...	Salem.
3	T. M. Nallaswami Nayudu	300	...	Kurnool.
4	Mr. T. N. Hearsey	300	...	Cuddapah.
5	,, C. J. Wouterss	300	...	Ag. Dist. Forest Officer, Nellore.
6	,, H. H. Ward	300	...	Guddapah.
7	,, F. A. Seager	300	...	Mercara.
	Extra Asst. Conservators, 3rd Grade (4)—*Pay Rs.* 250.			
1	Mr. T. G. A. Gaudoin	250	...	Cuddapah.
2	M. Rama Row	250	...	Salem.
3	V. S. Gurunatha Pillai	250	...	Direction, South Canara.
4	C. M. Maduranayagam Pillai	250	...	South Arcot.
	Extra Asst. Conservators, 4th Grade (2)—*Pay Rs.* 200.			
1	T. Bapu Rao	200	...	Nellore.
2	Mr. H. J. McLaughlin	200	...	Vizagapatam.

The following Executive Staff is employed under the sanction of the Local Government:—

	EXECUTIVE STAFF.	Rs.	Rs.	
	Southern Circle.			
	Rangers,			
	1st Grade—Pay Rs. 150.			
1	Mr. H O'Neill	150	15	Tinnevelly.
2	,, N. M. Rego	150	15	South Canara.

Executive Staff employed under the sanction of the Local Government—contd.

No.	Name.	Pay.	Allowance.	Districts where serving.
	EXECUTIVE STAFF—*contd.*	Rs.	Rs.	
	SOUTHERN CIRCLE—*concld.*			
	Rangers—contd.			
	2nd Grade—Pay Rs. 125 + 15 Conveyance Allowance.			
1	V. P. Ramalingam Pillai	125	15	Tinnevelly.
2	Mr. A. G. VanHeeften	125	15	South Malabar.
3	„ W. P. Rego	125	15	South Malabar.—(*Granted furlough for 1 year.*)
4	R. Sundram Pillai	125	15	Nilgiris.
5	A. S. Mariyapragasam Pillai	125	15	Do.
6	Mr. F. C. M. Mascarenhas	100	15	North Malabar.
	3rd Grade—Pay Rs. 100 + 15 Conveyance Allowance.			
1	Mr. A. F. X. Saldanha	100	15	Madura.
2	A. R. Rama Rao	100	15	North Coimbatore.
3	Mr. M. S. Noronha	100	15	Nilgiris.
	4th Grade—Pay Rs. 80 + 15 Conveyance Allowance.			
1	Mr. A. B. Myers	80	15	South Coimbatore.
2	„ E. A. Monisse	80	15	Nilgiris.
3	„ C. Hammond	80	15	South Canara.
4	M. Panchapakesa Aiyer	80	15	North Coimbatore.
5	C. S. Venkatramana Aiyer	80	15	North Malabar.
6	K. Narayanasawmi Aiyer	80	15	South Coimbatore.
7	T. V. Arumugam Pillai	80	15	North Coimbatore.
	5th Grade—Pay Rs. 60 + 15 Conveyance Allowance.			
1	K. Saiyid Edulla Sahib	60	15	North Coimbatore.
2	P. Venkatakrishnama Nayudu	60	15	South Canara.
3	S. Kuppusawmi Chetti	60	15	Madura.
4	K. Gajaraja Mudaliar	60	15	Tinnevelly.
5	V. Raman Menon	60	15	South Malabar.
6	M. Sreenivasa Ayangar	60	15	Madura.
7	C. S. Jesudasan Pillai	60	15	Do.
8	Mr. B. D'Sa	60	15	Do.
9	„ S. Solomon	60	15	Tinnevelly.
10	A. P. Singaravelu Mudaliar	60	15	South Coimbatore.
	6th Grade—Pay Rs. 50 + 15 Conveyance Allowance.			
1	Mr. F. S. Brito	50	15	South Coimbatore.
2	S. V. Venkataramana Aiyer	50	15	South Canara.
3	Mr. L. S. Janes	50	15	South Coimbatore.
4	„ J. P. Nazareth	50	15	North Malabar.
5	Mr. G. S. Lasrado	50	15	South Coimbatore.
	CENTRAL CIRCLE.			
	(3) *Rangers.*			
	1st Grade—Pay Rs. 150 + 15 Conveyance Allowance.			
	Nil.			

Executive Staff employed under the sanction of the Local Government—contd.

No.	Name.	Pay.	Allowance.	Districts where serving.
	EXECUTIVE STAFF—*contd.*	Rs.	Rs.	
	CENTRAL CIRCLE—*concld.*			
	2nd Grade—Pay Rs. 125 + 15 Conveyance Allowance.			
1	M. Callanan	125	15	Cuddapah.
2	Mr. J. Tapp	125	15	Employed in the Jeypore Estate.
3	Saiyid Burhan-ud-din Sahib	125	15	Salem.
	Acting.			
	Mr. J. A. Daly	125	15	Salem.
	3rd Grade—Pay Rs. 100 + 15 Conveyance Allowance.			
1	N. Arumuga Mudaliar	100	15	Nellore.
2	Mr. J. A. Daly	100	15	Ag. 2nd Grade.
3	M. Shams-ud-din Sahib	100	15	Salem.
4	T. Arumuga Mudaliar	100	15	North Arcot.
5	C. Subramania Aiyar	100	15	Nellore.
6	A. N. Hunumantha Rao	100	15	Salem.
	Acting.			
	A. P. Ramachandra Mudaliar	100	15	Tanjore.
	4th Grade—Pay Rs. 80 + 15 Conveyance Allowance.			
1	A. P. Ramachandra Mudaliar	80	15	Tanjore.—Ag. 3rd Grade.
2	T. Shanmuga Mudaliar	80	15	Cuddapah.
3	C. Rajagopaula Naidu	80	15	Nellore.
4	V. C. Duraisawmi Pillai	80	15	South Arcot.
5	A. Subba Rao	80	15	North Arcot.
6	T. Subroyalu Nayudu	80	15	Chingleput.
	5th Grade—Pay Rs. 60 + 15 Conveyance Allowance.			
1	K. P. Krishna Aiyer	60	15	North Arcot.
2	A. N. Venkatachalam Chetti	60	15	South Arcot.
3	S. P. Kulasegaram Chetti	60	15	North Arcot.
4	Mr. D. J. Evers	50	15	Salem.
5	K. G. Subba Rao	50	15	Do.
6	A. Venkatanarayaniah	50	15	North Arcot.
7	R. Sama Rao	50	15	Cuddapah.
	6th Grade—Pay Rs. 50 + 15 Conveyance Allowance.			
1	A. Srinivasa Chamberlain	50	15	Trichinopoly.
2	M. Abdul Rahiman Sahib	50	15	South Arcot.
3	P. V. Alagirisawmy Naidu	50	15	Trichinopoly.
4	C. A. Ramakrishna Aiyar	50	15	Salem.
5	Mr. H. W. A. Gandoin	50	15	Cuddapah.
6	C. Ramasawmy Aiyengar	50	15	Trichinopoly.
7	K. R. Manickyam Mudaliar	50	15	South Arcot.
8	Mir Jaffir Ali Kirmani Sahib	50	15	Trichinopoly.
	Acting.			
	R. Sreenivasa Raghava Charry	35	C. A. 15	Trichinopoly.
	M. Ponnuranga Mudaliar	40	A. A. 15 A. A. 10 C. A. 15	Cuddapah.
	S. Vasudeva Reddi	35	A. A. 10 C. A. 15	Chingleput.
	Mahomed Abdul Hakim Sahib	35	A. A. 10 C. A. 15	North Arcot.
	V. Subramanya Aiyar	50	A. A. 10 C. A. 15	Dehra Dun.
	A. Hanumantha Chari	50	C. A. 15	Cuddapah.—On probation.
	T. Krishnaswamy Aiyengar	40	C. A. 15 A. A. 10	South Arcot.
	P. Sivaraju Mudaliar	35	C. A. 15 A. A. 15	Cuddapah

Executive Staff employed under the sanction of the Local Government—concld.

No.	Name.	Pay	Allowance.	Districts where serving.
	EXCUTIVE STAFF—*concld.*	Rs.	Rs.	
	NORTHERN CIRCLE.			
	1st Grade—Pay Rs. 150+15 Conveyance Allowance.			
	Nil.			
	2nd Grade—Pay Rs. 125 + 15 Conveyance Allowance.			
1	Mr. W. R. Newman	125	15	Godavari.
2	N. S. Virs Charulu	125	15	Kistna.
3	P. Ananda Rao	125	15	Kurnool.
	3rd Grade—Pay Rs. 100 + 15 Conveyance Allowance.			
1	V. Kalyanarama Aiyer	100	15	Kurnool.
2	L. Hanumantulu	100	15	Ganjam.
3	S. Eggyarayana Sastri	100	15	Bellary.
4	K. Rama Rao	100	15	Ganjam.
5	Mr. G. W. Thompson	100	15	Vizagapatam.
	4th Grade—Pay Rs. 80 + 15 Conveyance Allowance.			
1	R. Venkatesa Mudaliar	80	15	Anantapur
2	K. Aswatham Naidu	80	15	Kurnool.
3	N. S. Ananthacharlu	80	15	Kistna.
4	K. S. Krishnamachari	80	15	Godavari.
	Acting.			
	Sheik Rahmatulla Sahib	60	A. A. 20 C. A. 15	Bellary.
	5th Grade—Pay Rs. 60 + 15 Conveyance Allowance.			
1	N. Swamiantha Aiyer	60	15	Vizagapatam
2	Mr. D. A. Stracey	60	15	Do.
3	V. R. Venkatramana Aiyah	60	15	Ganjam.
4	Sheik Rahmatullah Sahib	50	15	Bellary.
	6th Grade—Pay Rs. 50+15 Conveyance Allowance.			
1	M. Balaji Sing	50	15	Anantapur.
2	M. T. V. Sakoji Rao	50	15	Kurnool.
3	A. Srinivasa Hebbar	50	15	Kistna.
4	S. V. Audinarayana Iyer	50	15	Bellary.
	Acting			
1	P. Ramaswamy Aiyah	40	A. A. 10 C. A. 15	Kistna.
2	A. Kristna Rao	40	A. A. 10 C. A. 15	Godavari.
3	A. N. Bhujanga Rao	35	A. A. 15 C. A. 15	Bellary.
4	S. V. Venkatakrishna Aiyer	15	A. A. 35 C. A. 15	Kurnool.

NOTE.—Forest Rangers draw daily travelling allowance under Article 1167 (ii) and (iii), and 1168 (*b*) of the Civil Service Regulations, 3rd Edition, according to class in addition to their Permanent Conveyance Allowance under Article 1181.

For purposes of promotion in the Controlling Staff there will be one list only, which will include the officers of the three Circles.

The Head-quarters of District Forest Officers will, unless otherwise ordered, be at the Head-quarter station of the district. The Office of the Conservator of the Central Circle will be at Madras, while those of the Northern and Southern Circles will be respectively at Waltair and Coimbatore.

For the Executive Staff there is a separate list for each Circle, and promotion is regulated accordingly, except in the case of Rangers, for whom a separate combined list is kept which regulates their promotion.

The control of Forest Administration is vested in the Board of Revenue, and the Conservators submit reports and other communications to the Board.

Assistant Conservators will be appointed to the second grade, and they will be eligible for promotion by Government successively to the first grade on their passing the prescribed examinations and obtaining the needful 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.

———o———

DEPARTMENT OF REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE.

The Hon'ble Mr. F. A. Nicholson, C.I.E., I.C.S. ..... 2nd Member, Board of Revenue, and Commissioner of Revenue Settlement, and Director of the Dept. of Land Records and Agriculture.

M.R.Ry. Diwan Bahadur R. V. Srinivasiar, B.A. ... Secretary.
" P. Govinda Menqn, B.A. ..... 1st Assistant.
" M. Ramachendrayya, B.A. ..... 2nd do.
" G. Gopaulswami Chettiar, B.A. ... Head Accountant.

Settlement Party, No. II.

M.R.Ry. T. Krishnamurti Aiyangar, B.A. .. Deputy Commissioner of Revenue Settlement, 2nd Grade.
" P. Velayudhan, B.A. ..... Uncovenanted Assistant.

Settlement Party, No. III.

M.R.Ry. Rao Bahadur M. Adinarayana Iyah ..... Deputy Commissioner of Revenue Settlement, 1st Grade.
" N. Pattabhirama Rao, B.A. ..... Assistant Commissioner of Revenue Settlement.
" D. Krishnayya, B.A. ..... Uncovenanted Assistant.

Settlement Party, No. V.

M.R.Ry. T. V. Narasimhulu Naidu ..... Assistant Commissioner of Revenue Settlement.
" J. Sundarayya, B.A. ..... Uncovenanted Assistant.

Settlement Party, No. VI.

F. C. Parsons, Esq., I. C. S. ..... Special Settlement Officer.
N. MacMichael, Esq., I. C. S. ..... Deputy Commissioner, 1st Grade.
M.R.Ry. M. Damodaram Nayar ..... Uncovenanted Assistant.

Land Records and Agriculture.

C. Benson, Esq., M.R.A.C. ..... Deputy Director of the Dept. of Land Records and Agriculture.
M.R.Ry. C. K. Subba Rau, B.A. ..... Sub-Assistant Director of Agriculture.

Civil Veterinary Department.

Vety.-Lieut. J. D. E. Holmes, A.V.D. ..... Offg. Superintendent, Civil Veterinary Dept.
Farrier-Major B. Mannas ..... Depy. do. do.

Government Botanist.

C. A. Barber, Esq. ..... Government Botanist.

———o———

NOMINAL ROLL OF THE MADRAS SURVEY DEPARTMENT, ARRANGED ACCORDING TO SURVEY PARTIES.

Office of the Superintendent, Madras Survey.

No.	Name.	Appointment.	Remarks.
1	H. R. Bentley Taylor	Superintendent, Madras Survey (Acting).	
2	M. Ramaswami Naidu, Rao Bahadur.	Asst. do. 1st Class, (Ag.).	In charge of Central Office.
3	D. T. Srinivasa Aiyangar	Do. do. 2nd do. (Ag.)	
4	G. Patcha Pillai	Sub-Assistant, 1st do.	

Office of the Superintendent, Madras Survey—contd.

No.	Name.	Appointment.	Remarks.
5	T. A. Sundaram Aiyar	Sub-Assistant, 2nd Class.	
6	S. P. Venkatrama Iyer	Do. do. (Sub. *pro tem*).	
7	C. J. Mallikarjuna Sastri.....	Head Computer (Sub. *pro tem*).	
8	W. P. DaCosta.....	Lithographer.	
9	T. Perreire.....	Head Draftsman.	
10	T. Narayanasami Naidu.....	Draftsman.	
11	R. Seshier.....	Head Surveyor, 1st Class, (Sub. *pro tem*).	
12	B. Chutter Sing	Photographer.	
13	Mahomed Fida Hussain ...	Clerk.	
14	H. Raghavendra Rab	Cashkeeper.	
15	R. Srinivasa Aiyar	Lithographer.	
16	T. Kumarasami Mudali	Asst. Record-keeper.	
17	A. Sankaranarayana Pillai...	Draftsman	
18	A. Nadamuni Reddi	Clerk.	
19	J. Chinnia Naidu.....	Computer Draftsman.	
	Vizianagram Survey Party.		
1	D. G. Hatchell	Dy. Supt., 1st Class (Acting)..	In charge of Vizianagram Survey Party.
2	H. S. Mullins	Asst. Supt., 2nd do. ...	Doing duty with the Forest Department.—Employed in Supervising the Survey and demarcation of the South Canara Mysore Boundary.
3	K. S. Gopala Aiyar	Sub-Asst., 3rd Class.	
4	A. D. Sylvester.....	Head Surveyor, 1st Class.	
5	T. S. Butler.....	Do. do. ...	*Tempy.*
6	T. Rama Row.....	Do. do. ...	*Do.*
7	S. Kristna Rao	Do. 2nd Class ...	*Do.*
8	G. Durand	Do. do. ...	*Do.*
9	A. Sundaram Aiyar	Do. do. ...	*Do.*
10	V. Tiagaraah	Do. do. ...	*Do.*
11	T. A. Venkataramier	Do. do. ...	*Do.*
12	P. Arunachella Mudali ...	Computer-Draftsman.	
13	V. C. Devalrazu.....	Clerk.	
	Kistna Re-Survey Party.		
1	F. V.) P. Gompertz	Asst. Supt., 2nd Class, (Sub. *pro tem.*).	On privilege leave for 2 months and 5 days, from 18th Oct. 1900.
2	S. Gopalachariar	Sub-Asst., 2nd Class, (Sub. *pro tem.*).	In charge of Re-Survey, Kistna District.
3	D. C. Raghavachariar	Do. 1st do. (Sub. *pro tem.*).	
4	R. Ramasami Aiyangar.....	Head Surveyor, 2nd Class.	
5	A. Gabell.....	Do. do.	
6	A. V. Ramanjulu Naidu. ...	Do. do.	
	Kurnool Re-Survey Party.		
1	D. Seshacharlu, B.A., B.C.E. &c	Asst. Supt., 3rd Class, (Sub. *pro tem.*).	In charge of Kurnool Re-Survey Party.
2	J. P. LeTang.....	Sub-Asst., 3rd Class, (Sub *pro tem.*).	
3	K. R. Kistnasami Aiyar ...	Hd. Surveyor, 2nd Class.	
4	G. Nageswara Rao.....	Do. do.	
5	T. Etherajulu Raju	Do. do.	
	Nellore Re-Survey Party No. I.		
1	W. F. Bateman	Asst. Supt., 2nd Class, (Ag.)...	In charge of Re-Survey Party, No. I.
2	M. Crampton	Sub-Asst., 3rd Class, (Sub. *pro tem.*)	
3	W. Evans.....	Do. 1st do. ...	*Tempy.*
4	M. Tholasingam Pillai.....	Hd. Surveyor, 2nd Class ...	
5	C. S. Panchapagesier.....	Do. do.	
6	D. Otter	Do. do. ...	*On furlough.*
7	V. Kristnasami Aiyar.....	Clerk.	
8	A. Shadagopachari.....	Computer-Draftsman ...	*Tempy.*
9	A. M. Evans	Head Surveyor, 2nd Class ...	*Do.*

172

Nellore Re-Survey Party, No. II.

No.	Name.	Appointment.	Remarks.
1	W. A. Hasted	Dy. Supt., 2nd Class (Acting).	In charge of Nellore Re-Survey Party No. II.
2	M. R. Srinivasa Iyengar....	Sub-Asst., 3rd do. (Sub. *pro tem.*).	
3	C. Lynch.....	Head Surveyor, 1st Class.	
4	P. Hanumantha Rao.....	Do. 2nd do.	
5	R. Subba Aiyar	Do. 2nd do. ...	*Tempy.*
6	T. Shanmugam Pillai.....	Computer-Draftsman.	
	Salem Hill Villages Survey Party.		
1	F. Spurling.....	Asst. Supt., 2nd Class (Ag.)...	In charge of Salem Hill Village Survey Party.
2	W. Dixon.....	Head Surveyor, 1st Class.	
3	A. V. Stephen.....	Do. do. ...	*Tempy.*
4	G. Holden	Do. do. ...	*Do.*
	Estate and Salt Factory—Survey Party.		
1	P. R. Narayana Aiyar	Asst. Supt., 2nd Class (Sub. *pro tem.*)	In charge of Estate and Salt Factory Survey Party.
2	K. R. Venkataramma Aiyar.	Sub-Assistant, 3rd Class ...	*Tempy.*
3	T. Kasturi Raju.....	Head Surveyor, 2nd Class.	
4	N. Srinivasa Aiyangar.....	Computer-Draftsman ...	*Do.*
	Malabar Janmam Registration Survey Party.		
1	R. H. L. Lushington.....	Asst. Supt., 1st Class (Acting).	In charge of Janmam Registration Survey Party.
2	J. Thompson	Do. 2nd do. ...	On deputation to Cochin.
3	J. P. Alley.....	Do. 3rd do. (Sub. *pro tem.*).	
4	P. V. Subba Rao.....	Sub-Asst., 1st Class (Sub. *pro tem.*).	In charge of South Canara Section.
5	K. L. Doraisami Iyer.....	Head Surveyor, 1st Class.	
6	J. F. Alva.....	Do. do. ...	*Tempy.*
7	S. Rodrigues.....	Do. do. ...	*Do.*
8	C. Rengachari	Clerk (Sub. *pro tem.*).	
	Special Cadastral Survey Party.		
1	J. C. MacHutchin.....	Dy. Supt., 2nd Class (Acting).	In charge of Special Cadastral Survey.
2	H. A. Harley.....	Head Surveyor, 1st Class ...	*Tempy.*
3	G. K. Subbarammia Aiyar.	Computer-Draftsman.	
4	S. Kristniah.....	Clerk ...	Do..
	Miscellaneous.		
1	Bhashyakarulayya.....	Sub-Asst., 2nd Class ...	*Tempy.*—(South Canara —Mysore Boundary.)
	Maintenance of Land Records.		
1	G. Ramajogeswara Row ...	Head Surveyor, 2nd Class ...	Ganjam.
2	G. Gopalakristnier	Do. do. ...	Godavari.
3	N. Doraisami Naidu.....	Do. do. ...	Do.
4	A. Natesa Aiyar.....	Do. do. ...	Salem.—*Tempy., (on leave).*
5	T. Swami Pillai	Do. 1st Class ...	North Arcot.
6	R. Kuppusami Naidu	Do. do. ...	Coimbatore.
7	C. Doraisami Aiyar	Do. 2nd Class ...	Tanjore.
8	O. Sesha Aiyar.....	Do. do. ...	Trichinopoly.
9	C. DeLima.....	Do. 1st Class (Ag.).	Nilgiris.
10	A. Lopez.....	Record-keeper (Sub. *pro tem.*).	Bellary.

GRADATION LIST OF THE SURVEY ESTABLISHMENT OF THE MADRAS PRESIDENCY.

Lingual Attainments.	Names.	Regiment.	Date of first Appointment to the Dept.	Date of present Appointment	District or other duty on which now employed.	Remarks.
1	..... *Vacant.*					
	Deputy Superintendent, 1st Class.					
1 Tam.	C. W. Martin	Uncovenanted ...	7 Oct. 1884	18 Feb. 1899	.....	*On leave on Medical Certificate for one year.*
	Deputy Superintendents, 2nd Class.					
1	H. R. Bentley Taylor	Uncovenanted....	15 Jan. 1885	18 Feb. 1899	Ag. Supt., Madras Survey.	
2 Tam.	D. G. Hatchell..	Do. ...	11 Aug. 86	18 Feb. 99	Vizagapatam	In charge of Vizianagram Survey Party.—Depy. Supt., 2nd Class, (Ag.).
	Assistant Superintendants, 1st Class.					
1 Tam.	J. C. MacHutchin	Uncovenanted ...	18 April 1884	2 Mar. 1899	....	In charge of Special Cadastral Surveys.—Depy. Supt., 2nd Class, (Ag.).
2 ,,	W. A. Hasted	Do. ...	19 Nov. 84	15 May 99	Nellore	In charge of Nellore Re-Survey Party, No II.—Dy. Supt., 2nd Class, (Ag.).
	Assistant Superintendents, 2nd Class.					
1	H. S. Mullins	Uncovenanted....	10 Nov. 1885	12 Jan. 1899	.....	On dep. to the Forest Dept. for employment on Forest Settl. duty.—Employed in supervising the Survey and demarcation of Mysore-South Canara Boundary.
2 Tel.	R. H. L. Lushington	Do. ...	3 Aug. 87	7 Jan. 93	Malabar.....	In charge of Janmam Registration Survey Party.—Asst. Supt., 1st Class, (Ag.).
3	M. Ramaswami Naidu.....	Do. ...	4 Jan. 72	2 Mar. 99	.....	In charge of Central Office,—Asst. Supt., 1st Class, (Ag.).
4	J. Thompson.....	Do. ...	1 Aug. 69	15 May 99	.....	On deputation to Cochin Durbar.
	Assistant Superintendents, 3rd Class.					
1	P. R. Narayana Aiyar	Uncovenanted....	12 May 1879	17 Aug. 1892	.....	In charge of Estate and Salt Factory Survey.—Asst. Supt., 2nd Class, (Sub. *pro tem.*).
2 Tel.	F. V. P. Gompertz	Do. ...	6 April 93	19 Feb. 95	.....	On privilege leave.—Asst. Supt., 2nd Class, (Sub. *pro tem.*).
3 Mal.	W. F. Bateman.....	Do. ...	15 Nov. 92	1 Aug. 95	.....	In charge of Nellore Re-Survey Party, No. I.—Asst. Supt., 2nd Class, (Ag.).
4 to 6	*Vacant.*					

GRADATION LIST OF THE ENGINEER ESTABLISHMENT OF THE DEPARTMENT PUBLIC WORKS, ATTACHED TO THE MADRAS PRESIDENCY.

Lingual Attainments.	Names.	Regiment.	Date of first Appointment to the Department.	Date of present Appointment.	Circle, Division or Office in which employed.	Remarks.
	EXECUTIVE BRANCH.					
	Chief Engineer, First Class.					
T	Mr. W. Hughes, M. INST. C.E.	.....	23 July 1868	16 April 1898	Chief Engr. and Joint Secy. to Govt., P.W.D., Irrigation Branch.	
	Chief Engineer, Second Class.					
Te	Mr. W. B. deWinton	.....	1 Oct. 1874	16 April 1898	Chief Engr. and Secy. to Govt., P. W. D.	
	Superintending Engineers, First Class.					
Te	Mr. J. C. Larminie, A.M.I.C.E...	.....	Dec. 1868 / 27 Feb. 69	1 Oct. 1896	.....	*Furlo. for 21 months and 27 days, from 25th April 1899.*
Te. HS in T.	*Col. A. W. Smart*	*Royal Engrs...*	*29 Mar. 71*	*Feb. 99 / May 99*	*Supg. Engr., V. Circle.*	*Tempy. rank.*
	Superintending Engineers, Second Class.					
Te HS. in T.	Col. A. W. Smart	Royal Engrs...	29 Mar. 1871	7 April 1896	Supg. Engr., V. Circle...	Supg. Engr., 1st Class, (*tempy. rank*).
LS	,, C. C. Rawson	Do. ...	27 June 71	1 Oct. 96	.....	*Furlo. for 21 months, from 8th April 1899.*
Te	,, *O. V. Boddy*	*Do.* ...	*23 Jan. 73*	*April 99*	*Supg. Engr., VI. Circle.*	*Tempy. rank.*
L S T	*Lieut.-Col. W. L. C. Baddeley*	*Do.* ...	*23 July 74*	*April 99*	*Do. III. do.*	*Do.*
H	Mr. G. S. T. Harris	.....	Oct. 75	April 99	Consulting Architect's Division.	Do. (*Supy.*).
	Superintending Engineers, Third Class.					
Te	Col. O. V. Boddy.....	Royal Engrs...	23 Jan. 1873	April 1896	Supg. Engr., 6th Circle.	Allowed to count towards furlough a period of 12 months for famine duty.—Supg. Engr., 2nd Class, (*tempy. rank*).
LS T	Lieut.-Col. W. L. C. Baddeley...	Do. ...	28 July 74	1 Oct. 96	Do. 3rd d o.	Allowed to count towards furlough a period of 8 months and 5 days for famine duty.—Supg. Engr., 2nd Class, (*tempy. rank*).

GRADATION LIST OF THE ENGINEER ESTABLISHMENT, &c.—*contd.*

Lingual Attainments.	Names.	Regiments.	Date of first Appointment to the Department.	Date of present Appointment.	Circle, Division or Office in which employed.	Remarks.
	Superintending Engineers, Third Class—*concld.*					
H	Mr. G. S. T. Harris		Oct. 1875	26 Oct. 1896	Consulting Architect's Division.	Supernumerary.—Supg. Engr., 2nd Class, (*tempy. rank*), (*Supy.*).
T	*Mr. A. H. Garrett*		1 *Oct.* 74	*April* 99	*Supg. Engr., 4th Circle.*	*Tempy. rank.*
Hk	„ *J. P. Davidson*, A.M.I.C.E.		1 *Oct.* 74	*March* 00	*Do. 1st do.*	*Do.*
	Executive Engineers, First Grade.					
T	Mr. A. H. Garrett		1 Oct. 1874	1 Oct. 1893	Supg. Engr., 4th Circle.	Supg. Engr., 3rd Class, (*tempy. rank*).
T	„ W. C. DeMorgan, M.INST.C.E.		1 Oct. 74	1 Oct. 93		*Leave for 20 months, from 19th March* 1900.
Hk	„ J. P. Davidson, A.M.I.C.E.		1 Oct. 74	1 Oct. 93	Supg. Engr., 1st Circle.	Supg. Engr., 3rd Class, (*tempy. rank*).
H	„ A. Joyce, M.INST.C.E.		1 Oct. 74	1 Oct. 93		*Leave for 21 months, from 19th March* 1900.
Te	„ J. C. Johnston, A.M.I.C.E.		11 Feb. 73	1 Sept. 94	Kurnool Division.	
Te	„ C. H. B. Burlton		1 Oct. 75	6 Feb. 95	Coimbatore Division.	
T	„ C. J. Ussher		1 Oct. 77	1 Oct. 96	West Coast Division.	
T	„ *A. A. G. Malet*, A.M.I.C.E.		1 *Oct.* 77	1 *Oct.* 96		*Services placed at the disposal of the Local and Municipal Dept., 30th October* 1899.
				April 96		
Te	„ G. B. Lambert, A.M.I.C.E.		1 Oct. 77	1 Oct. 96		*Leave for 22 months and 14 days, from 9th December* 1899.
Te	„ H. H. O'Connell		23 Sept. 78	24 Sept. 97	Tanjore Division.	
T	„ F. J. Wilson, A.M.I.C.E.		26 Sept. 79	23 Sept. 98		*Leave for 18 months, from 20th October* 1900.
T	„ C. A. Smith, A.M.I.C.E.		23 Sept. 80	23 Sept. 99	South Arcot Division.	
Te	„ H. E. Clerk		23 Sept. 80	22 Sept. 99	Dy. Chief Engr. and Under-Secy. to Govt., P. W. D.	
HS. in T	„ S. D. Pears		23 Sept. 80	23 Sept. 99	North Arcot Division.	
Te	„ *J. J. Whiteley*, A.M.I.C.E.		*Sept.* 81	*Mar.* 1900		*Services temporarily placed at the disposal of the Foreign Dept., Mysore State, 1st December* 1893.—*Furlo. for 24 months, from 23rd September* 1899.
Te	„ *J. H. Medlicott*		23 *Sept.* 81	*Mar.* 00		*Services temporarily placed at the disposal of the Colonial Government, Cyprus, 17th August* 1897.

Te	„ A. T Mackenzie, M.INST.C.E.		3 Sept. 81	Mar. 00	Assistant to Chief Engineer for Irrigation and Under-Secretary to Government, P.W.D., Irrigation Branch.	
	„ S. Gopala Krishna Aiyar, Rai Bahadur, B.C.E.		15 Sept. 80	Mar 00	Tinnevelly Division.	
	Executive Engineers, Second Grade.					
Te	Mr. G. F. Handcock		23 Sept. 1881	Mar. 1897	Bellary Division.	
T	„ F. W. Ashpitel, A.M.I.C.E.		1 Oct. 82	1 April 97	Light-house Division	Superintendent of Works.
Te	„ J. Inglis		1 Oct. 82	1 April 97	Trichinopoly Division.	
Te	„ C. W. Wood		1 Oct. 82	1 April 97	Anaimalai Division.	
HS. in Te	„ *P. R. Allen*, A.M.I.C.E.		1 *Oct.* 82	1 *April* 98		*Services temporarily placed at the disposal of the Government of India, Foreign Department, Hyderabad, 1st January* 1898.
T. L. S.	Major W. M. Ellis	Royal Engrs.	26 Jan. 84	1 April 98		*Leave for 3 months and 7 days, from 27th October* 1900.
Te	Mr. S. B. Murray, A.M.I.C.E.		23 Sept. 84	26 July 98	Salem Division.	
Te	„ H. A. Moss, A.M.I.C.E.		23 Sept. 85	Mar. 99	Chirgleput Division.	
Te	„ A. C. Langston, A.M.I.C.E.		23 Sept. 85	Mar. 1900	Godavari Central Divn.	
HS. in Te	„ J. S. Wilson		23 Sept. 85	Mar. 00	Kistna Eastern Divn.	
T	„ L. L. Wickham		24 Aug. 86	Mar. 00	Nagapatam Division.	
	Executive Engineers, Third Grade.					
	Mr. N. Ratnasabhapati Pillai, Rai Sahib, B.A., B.C.E.		10 April 1874	16 Aug. 1893	Bellary Division.	
Te	„ T. W. S. Smyth		24 Aug. 86	14 Aug. 97	Vizagapatam Division.	
Te	„ M. Loam, A.M.I.C.E.		24 Aug. 86	1 Jan. 98	Ganjam Division.	
Te	„ S. Á. Subrahmanya Aiyar, Rai Sahib, B.A., B.C.E.		1 April 85	1 Oct. 98	Tanjore	On Special duty.
T	„ B. T. Keeling, A.M.I.C.E.		1 Oct. 77	Oct. 98	Madura Division.	
Te	„ C. Mildred, A.M.I.C.E.		18 Feb. 88	April 99	Godavari Eastern Divn.	
Te	„ A. G. Romilly		1 Oct. 89	June 99	Kistna Northern Divn.	
Te	„ R. A. Srinivasa Aiyangar, Rai Sahib, B.A., B.C.E.		1 April 86	Dec. 99	Nellore Division.	
Te	„ W. J. J. Howley A.M.I.C.E.		Oct. 89	Feb. 1900	On special duty in Kistna Eastern Divn.	
Te	„ *R. N. H. Reid*, A.M.I.C.E.		*Oct.* 90	1 *April* 1898	*On special duty in connection with the investigation of the Divi Irrigation Project in the Kistna District.*	*Tempy. rank.*

174

GRADATION LIST OF THE ENGINEER ESTABLISHMENT, &c.—*concld.*

Lingual Attainments.	Names.	Regiment.	Date of first Appointment to the Department.	Date of present Appointment.	Circle, Division or Office in which employed.	Remarks.
	Executive Engineers, Third Grade—*concld.*					
T	Mr. *D. Marshall*		*Oct.* 1890	23 *April* 1898	*Godavari Western Divn.*	*Tempy. rank.*
LS.	„ *R. S. Paterson*		*Oct.* 90	*May* 1900	*West Coast Division*	*Do.*
Te	„ *R. Gopala Aiyar, Rao Bahadur*, B.A., B.C.E.		1 *Apl.* 87	*Oct.* 1898	*Tinnevelly Division*	*Do.*
T	„ *W. Hutton*, A.M.I.C.E.		1 *Oct.* 91	*Nov.* 98	*P. W. Stores and Workshops Division.*	*Do.*
Te	„ *A. H. Morin*		1 *Oct.* 91	*Jan.* 98	*Cuddapah Division*	*Do.*
Te h.	„ *J. M. Lacey*, B.C.E.		*Jan.* 91	*Jan.* 98	*Kistna Western Divn.*	*Do.*
	„ *R. Srinivasa Aiyangar, Rai Sahib*, B.A., B.C.E.		*Jan.* 91	*Mar.* 98	*Madura Division*	*Do.*
Te	„ *J. M. M. Parker*		*Oct.* 92	*April* 99	*Ganjam Division*	*Do.*
T	„ *A. R. deChazal*		*Oct.* 92	*Jan.* 1900	*Godavari Eastern Divn.*	*Do.*
	Assistant Engineers, First Grade.					
Te	Mr. R. N. H. Reid, A.M.I.C.E.		Oct. 1890	Jan. 1896	On special duty in connection with the investigation of the Divi Irrigation Project in the Kistna District.	Exe. Engr., 3rd Grade, (*tempy. rank*).
T	„ D. Marshall		Oct. 90	16 May 96	Godavari Western Divn.	Do. do. *do.*
LS.	„ R. S. Paterson		Oct. 90	Jan. 1900	West Coast Division	Do. do. *do.*
Te	„ R. Gopala Aiyar, Rao Bahadur, B.A., B.C.E.		1 April 87	6 July 1896	Tinnevelly Division	Do. do. *do.*
T	„ W. Hutton, A.M.I.C.E.		1 Oct. 91	Oct. 96	P. W. Stores and Workshops Division.	Do. do. *do.*
Te	„ A. H. Morin		1 Oct. 91	April 97	Cuddapah Division	Do. do. *do.*
Te	„ J. M. Lacey, B.C.E.		Jan. 91	1 April 98	Kistna Western Divn.	Do. do. *do.*
	„ R. Srinivasa Aiyangar, Rai Sahib, B.A., B.C.E.		Jan. 91	1 April 98	Madura Division	Do. do. *do.*
Te	„ J. M. M. Parker		Oct. 92	1 April 98	Ganjam Division	Do. do. *do.*
T	„ A. R. deChazel		Oct. 92	April 99	Godavari Eastern Divn.	Do. do. *do.*

Te	„ G. R. Venkatarama Aiyar, B.C.E.		Jan. 92	April 99	Nellore Division.	
	„ A. V. Ramalinga Aiyar, B.A., B.C.E.		Jan. 93	July 1900	Madura Division.	
	Assistant Engineers, Second Grade.					
Te	Mr. M. R. Kharegat		Oct. 1894	Feb. 1898	Attached to the Office of Chief Engineer for Irrigation for supervising the work of the T. R. S. Parties.	
te	„ P. Hawkins *f.*		Oct. 94	Oct. 98	Kistna Eastern Division	
	„ S Krishnamachariyar, A.C.E., B.C.E.		Jan. 78	1 Oct. 97	West Coast Division	Provl. Engr. Establishment.
Te	„ L. D. Venkatarama Aiyar, B.A., B.C.E.		Jan. 94	1 Oct. 97	Cuddapah Division.	
	„ T. T. Raghavachariyar, B.C.E.		Aug. 76	Dec. 97	Office of Special Asst. Engr., Tanjore.	Do. do.
L S U h	„ J. B. Lutman		Oct. 95	Nov. 98	Cuddapah Division.	
te	„ M. Brown		Oct. 95	Oct. 98	Ganjam Division.	
te	„ C. T. Mullings		Oct. 95	May 1900	Godavari Eastern Divn.	
	„ R. Kalyanarama Aiyar, A.C.E.		April 74	Mar. 1899	Nellore Division	Do. do.
h	„ A. W. Campbell		Oct. 96	June 99 / Oct. 99	Kurnool Division.	
t	„ W. G. Molesworth		Oct. 96	Oct. 99	Consulting Architect's Division.	
te	„ G. S. Rama Aiyar, B.A., B.C.E.		Jan. 95	Nov. 99 / Oct. 99	Godavari Centl. Divn.	
	„ R. N. Arokeaswami Mudaliyar, B.A., B.C.E.		Jan. 96	May 1900 / Nov. 1899	South Arcot Division.	
Th	*Hony. Capt. and Dy. Comsy. J. Laler*		27 *June* 66	20 *May* 92	*Chingleput Division*	*Supy.*
	Mr. H. M. Bond		*June* 67	*May* 94	*Office of Chief Engr., P. W. D.*	*Hony. rank.*
	„ *W. Venkatareddi Nayudu, Dewan Bahadur.*		*May* 84	*Mar.* 95		*Leave for 12 months, from 11th Feb. 1900.*
	„ *R. Vaidyanatha Aiyar*, B.A., B.C.E.		*Mar.* 79	*Mar.* 98	*Office of Special Asst. Engr., Tanjore.*	*Hony. rank.*
T. L. S.	*Hony. Lieut. and Asst. Commy. R. W. MacAlister.*		*June* 71	*Mar.* 98	*Vizagapatam Division*	*Supy.*

175

GRADATION LIST OF THE ENGINEER ESTABLISHMENT, &c.—*concld.*

Lingual Attainments.	Names.	Regiment.	Date of first Appointment to the Department.	Date of present Appointment.	Circle, Division or Office in which employed.	Remarks.
	Assistant Engineers, Second Grade—*concld.*					
	Mr. P. Mahony		*July* 1865	*July* 1899	*Consulting Architect's Division.*	*Hony. rank.*
	,, *J. Mahony*		*Dec.* 69	*July* 1900	*Salem Division* ...	*Do.*
te	,, *J. C. Dennehy*		*July* 72	*July* 00	*North Arcot Division* ...	*Do.*
	Assistant Engineers, Third Grade.					
te	Mr. P. V. Manikam Nayakar, B.E.		Mar. 1896	May 1897	Coimbatore Division.	Provl. Engr. Establishment.
	,, R. F. Stoney		Oct. 97	Oct. 97	Consulting Architect's Division.	
te	,, R. W. Formby		Oct. 97	Oct. 97	Kistna Eastern Division.	
	,, S. Bhaskara Aiyar, B.A., B.E.		Jan. 97	Jan. 98	Negapatam Division ...	Do. do.
H. P. in T.	,, F. W. Cornwell		Jan. 88	April 98	Cuddapah Division ...	Do. do.
L. S.	,, C. Peddie		Oct. 98	Oct. 98	Salem Division.	
Te	,, G. F. Adami, B.E.		Oct. 98	Oct. 98	Vizagapatam Division.	
te	,, K. Srinivasa Aiyangar, B.A.,		Feb. 98	Feb. 99	Kistna Eastern Division	Do. do.
	,, Mr. A. S. Lawrie		Oct. 99	Oct. 99	Godavari Eastern Divn.	
Te	,, Abdul Latif Sahib, Bahadur.		July 73	Feb. 1900	Kistna Western Divn....	Do. do.
	,, U. S. Ramaswami Aiyar		Jan. 1899	Jan. 00	Kistna Eastern Divn.	
	,, C. C. Johnson		May 1900	May 00	Kistna Western Divn.	
	,, P. N. Lucas		Oct. 00	Oct. 00	Consulting Architect's Division.	
	,, L. H. Gray		Oct. 1900	Oct. 00	Do	
	Hony. Lieut. and Dy. Asst. Commy. C. Smith		*Aug.* 1876	*Feb.* 00	*Light-house Division* ...	*Supy.*
	Apprentice Engineer.					
	,, V. Gopala Aiyar					
	Temporary Engineer.					
	Mr. D. Brodie		*July* 1898	*Feb.* 1900	*West Coast Division.*	

LIST OF OFFICERS OF P. W. D., RAILWAY BRANCH.

CONSULTING ENGINEERS FOR RAILWAYS.

Chief Engineer, Second Class.

H	Mr. F. J. E. Spring, C.I.E., L.C.E., M.INST.C.E., M.I.M.E.		Aug. 1870	Jan. 1900	Consg. Engr. and Secy. to Govt., P. W. D., Railway Branch.	On other duty.

Executive Engineer, First Grade.

H	Mr. R. W. Egerton, A.M.I.C.E.		Sept. 1878	Oct. 1896	Offg. Consg. Engr. for Railways and Offg. Secy. to Govt., P. W. D., Railway Branch.	

Executive Engineer, Third Grade.

H	Mr. C. D. D. Wilson		Oct. 1887	Mar. 1898	Offg. Dy. Consg. Engr. for Railways and Offg. Under-Secy. to Govt., P. W. D., Railway Branch.	

Assistant Engineer, Second Grade.

L S	Lieut. L. E. Hopkins	Royal Engrs...	Jan. 1895	Jan. 1898	Depy. Consg. Engr. for Railways.	

P. W. D. OFFICERS LENT TO FOREIGN SERVICE.

Superintending Engineer, 2nd Class.

H	*Mr. T. Michell*, A.M.I.C.E.		*Oct.* 1875	*Mar.* 1900	*South Indian Railway Company.*	*Tempy. rank.*

Executive Engineers, First Grade.

te H	Mr. W. McHutchin		Oct. 1874	Oct. 1894	Mysore State Railway.	
H	,, T. Michell, A.M.I.C.E.		Oct 75	June 91	South Indian Railway Company.	Supg. Engr., 2nd Class, (*tempy. rank*).

Executive Engineer, Second Grade.

H	Major A. D. G. Shelley	Royal Engrs...	Jan. 1885	Aug. 1897	South Indian Railway Company.	

GRADATION LIST OF THE ENGINEER ESTABLISHMENT, &c.—*concld.*

Names.	Regiment.	Date of first appointment to the Department.	Date of present Appointment.	Circle, Division or Office in which employed.	Remarks.	Lingual Attainments.
ACCOUNTS BRANCH.						
Examiners.						
Mr. A. G. Harrison		Oct. 1876	Feb. 1899	Examiner, Class III, P. W. Accounts.	*Tempy. rank.*	
„ C. E. Hubbard		May 74	April 1900	Examiner, Class VI, Guaranteed Railway Accounts.	*Do.*	
„ J. E. Lacey	A	Feb. 76	April 00	Examiner, Class IV, P. W. Accts., (attached).	*Do.*	
„ H. M. C. Trotter		Aug. 94	Nov. 1898	Examiner, Class IV, P. W. Accts., (attached).	*Do.*	
Deputy Examiner.						
Mr. H. H. D. Butterfield	A	Dec. 1883	April 1900	Dy. Examiner, Class I, Guaranteed Railway Accounts.	*Tempy. rank.*	
Assistant Examiner.						
Mr. J. D. L. Calder	A	April 1874	Aug. 1888	Asst. Examiner, 1st Gr., P. W. Accounts.	*Hony. rank.*	

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. W. B. de Winton	Chief Engr., II. Class	Chief Engr. and Secy. to Govt. P. W. D.
„ W. Hughes, M.INST.C.E.	Do. I. do.	Chief Engr. and Joint Secy. to Govt., P. W. D., Irrigation Branch.
„ H. E. Clerk	Exec. Engr., 1st Grade	Depy. Chief Engr. and Under-Secy. to Govt., P. W. D.
„ A. T. Mackenzie, M.INST.C.E.	Do. 1st do.	Asst. to Chief Engr. and Under-Secy. to Govt., P. W. D., Irrigation Branch.
„ M. R. Kharegat	Asst. Engr., 2nd do.	Attached to the Office of Chief Engr., P. W. D., Irrgn. Branch, for supervising the work of T. R. S. Parties.
„ H. M. Bond	Do. 2nd do. (*Hony. Rank*).	Attached to the Office of Chief Engr., P. W. D.
Examiners of Public Works Accounts.		
Mr. A. G. Harrison	Examiner, Class III	*Tempy. rank.*
„ H. M. C. Trotter	Do. do. IV	*Do.* —Attached.
„ J. E. Lacey	Do. do. IV	*Do.* — do.
„ J. D. L. Calder	Asst. Examiner	*Hony. rank.*
C. Manavala Nayudu	Accountant.	
B. Narasinga Rau	Do.	
A. Kristnaswami Rau	Do.	
Mr. E. T. Boyton	Do.	
„ W. A. Long	Do.	
K. S. Kodandarama Aiyar, B.A.	Do.	
A. Theyaga Rajier	Do.	
Mr. E. L. Taylor, B.A.	Do.	
„ M. G. Pereira	Do.	
„ E. A. LaFontaine, B.A.	Do.	
C. V. Ramiengar	Asst. Accountant.	
Mr. C. A. Calmiano	Do.	
„ H. F. Humphreys	Do.	
Consulting Engineers for Railways.		
Mr. R. W. Egerton	Exe. Engr., 1st Grade	Offg. Consg. Engr. and Offg. Secy. to Govt., P. W. D., Railway Branch.
„ C. D. D. Wilson	Do. 3rd do.	Offg. Dy. Consg. Engr. for Railways and Offg. Under-Secy. to Government, P. W. D., Railway Branch.
Lieut. L. E. Hopkins, R.E.	Asst. Engr., 2nd do.	Dy. Consg. Engr. for Railways.
Examiners of Railway Accounts.		
Mr. C. E. Hubbard	Examiner, Class IV	*Tempy. rank.*
„ H. H. D. Butterfield	Dy. Examiner, Class I	*Do.*
„ W. J. Burnett	Accountant.	
N. P. Balachandra Aiyar	Do.	Trichinopoly.
R. T. Munilaul	Do.	
V. Muttuvira Chetti	Do.	
T. Ratnasabhapati Pillai, B.A.	Do.	
Sultan Muhammad Sahib	Do.	On leave.
S. Murugayya Chetti	Do.	Trichinopoly.
T. M. Venkoba Rau	Do.	Do.
Light-House Division.		
Mr. F. W. Ashpitel, A.M.I.C.E.	Exe. Engr., 2nd Grade	Supt. of Works.
Hony. Lieut. and Dy. Asst. Commy. C. Smith, R.E.	Asst. Engr., 3rd do.	(*Supy.*)—Sub-Engr., 1st Grade. (*tempy. rank*).
Mr. C. J. W. Plummer	Overseer, 1st do.	

NAMES.	Departmental Rank.	REMARKS.
Light-House Division—*concld.*		
Sergeant P. England	Overseer, 1st Grade.	
„ T. P. Dillon	Do. 1st do.	
B. Venkatappayya	Accountant.	
Consulting Architect's Division.		
Mr. G. S. T. Harris	Supg. Engr., II. Class	*Tempy. rank—(Supy.).*
„ W. G. Molesworth	Asst. Engr., 2nd Grade.	
„ R. F. Stoney	Do. 3rd do.	
„ P. N. A. Lucas	Do. 3rd do.	
„ L. H. Greg	Do. 3rd do.	
„ P. Mahony	Do. 2nd do.	*Hony. rank.*
„ R. A. Salisbury	Sub-Engr., 3rd do.	
A. Kuppusawmi Mudaliyar	Supervisor, 1st do.	
C. L. Narasimhayya	Overseer, 3rd do.	
Mr. M. Ryan	Accountant.	
„ A. Taylor	Asst. Accountant.	
Presidency Public Works Stores and Workshops Division.		
Mr. W. Hutton, A.M.I.C.E.	Exe. Engr., 3rd Grade	*Tempy. rank.*
„ *J. G. Baskett*	*Tempy. Upper Subordinate.*	
„ D. Jeremiah	Accountant	Attached to Workshops.
K. Kuppuswami	Do.	

No. 1 CIRCLE.—HEAD-QUARTERS, DOWLAISHWERAM.

Mr. J. P. Davidson, A.M.I.C.E.	Supg. Engr., III. Class	*Tempy. rank.*

(1) Ganjam Division.

Mr. M. Loam, A.M.I.C.E.	Exe. Engr., 3rd Grade.	
„ J. M. M. Parker	Do. 3rd do.	*Tempy. rank.*
„ M. Brown	Asst. Engr., 2nd do.	
W. Venkatareddi Nayudu, Dewan Bahadur.	Do. 2nd do.	*Hony. rank.*—(On leave).
Condr. S. Ainley	Sub. Engr., 2nd do.	
S. A. Swaminatha Aiyar, B.A., B.C.E.	Supervisor, 1st do.	
Mr. M. R. Bresnahan	Do. 2nd do.	
P. Ramanarayan Pondai	Do. 2nd do.	
A. Arulanandam Pillai	Do. 2nd do.	*Tempy. rank.*
K. Panchanatha Aiyar	Overseer, 2nd do.	
S. Siva Rau	Do. 2nd do.	
V. Sundaram Aiyar	Do. 2nd do.	
N. Thangavadevelu Mudaliyar	Do. 2nd do.	*Do.*
Mr. J. C. Ford	*Tempy. Upper Subordinate.*	
„ *A. D. Samuel Pillai*	*Do.*	
C. Ethirajulu Nayudu	*Do*	
T. S. Sadasivam Pillai	*Do.*	
S. Krishnaswami Aiyar	*Do.*	
A. G. Krishnamachari	*Do.*	
T. A. Ekambara Pillai	*Do.*	
Mr. J. A. David	*Do.*	
R. Srinivasraghava Aiyangar	*Do.*	
S. K. Satagopa Aiyangar	*Do.*	
K. Panduranga Rau	*Do.*	
K. S. Krishnaswami Aiyar	*Do.*	
T. Sundaresa Aiyar	*Do.*	
S. Krishna Aiyar	*Do.*	
M. S. Aiyaswami Aiyar	*Do.*	
T. K. Raghavendra Rau	Accountant.	

(2) Vizagapatam Division.

Mr. T. W. S. Smyth	Exe. Engr., 3rd Grade.	
„ G. F. Adami	Asst. Engr., 3rd do.	
Hony. Lieut. and Asst. Commy. R. W. MacAlister	Do. 2nd do.	*Supy.*
Sergt. M. Power	Supervisor, 2nd do.	*Tempy. rank.*
P. N. Ramachandra Aiyar	Overseer, 1st do.	
P. Subrahmanya Aiyar	Do. 1st do.	
M. S. Venkatarsma Aiyar	Do. 1st do.	
Mr. C. A. Roberts	*Tempy. Upper Subordinate.*	
C. Tirumalachari	*Do.*	

NAMES.	Departmental Rank.	REMARKS.
(2) Vizagapatam Division—*concld.*		
R. Dakshanamurti Aiyar	*Tempy. Upper Subordinate.*	
K. G. Lakshminarayana Aiyar	*Do.*	
S. Sundaram Aiyar	*Do.*	
M. Chelamayya	*Do.*	
Mr. W. I. Jackson, B.A.	Accountant.	
(3) Godavari Eastern Division.		
Mr. C. Mildred, A.M.I.C.E.	Exe. Engr., 3rd Grade.	
„ A. R. de Chazal	Do. 3rd do.	*Tempy. rank.*
„ C. T. Mullings	Asst. Engr., 2nd do.	
„ A. S. Laurie	Do. 3rd do.	
P. Narasimha Rau Nayudu	Supervisor, 2nd do.	
L. S. Panchapakesa Sarma	Do. 2nd do.	*Do.*
Sergeant R. A. Lisles	Overseer, 1st do.	
N. Madhava Menon	Do. 2nd do.	
Mr. A. S. Baskett	*Tempy. Upper Subordinate.*	
S. Krishnaswami Aiyar	*Do.*	
C. V. Jagannatha Mudaliyar	*Do.*	
M. Visvanatha Aiyar	*Do.*	
M. Chinnayya	Accountant.	
P. V. Ramanappa Naydu	Asst. Accountant.	
(4) Godavari Western Division.		
Mr. D. Marshall	Exe. Engr., 3rd Grade	*Tempy. rank.*
„ E. Dady	Sub-Engr., 2nd do.	
„ C. W. Traish	Supervisor, 1st do.	
D. Muthirulappa Pillai	Do. 2nd do.	
P. Ranganayakulu Nayudu	Do. 2nd do.	
K. Gopala Aiyar	Overseer, 1st do.	
Mr. N. M. W. Ringrose	*Tempy. Upper Subordinate.*	
M. Venkatasubrahmanya Aiyar	*Do*	
M. Subrahmanya Aiyar	*Do*	
P. Subrahmanya Aiyar	*Do*	
S. Natesa Aiyar	*Do*	
P. Jagannadha Rau	*Do.*	
T. Kondayya Chetti	Accountant.	
(5) Godavari Central Division.		
Mr. A. C. Langston, A.M.I.C.E.	Exe. Engr., 2nd Grade.	
G. S. Rama Aiyar, B.A., B.C.E.	Asst. Engr., 2nd do.	
M. R. Subrahmaniya Aiyar	Supervisor, 2nd do.	*Tempy. rank*
T. S. Narayanaswami Aiyar	Overseer, 1st do.	*Do.*
S. Venkataratnam	*Tempy. Upper Subordinate.*	
N. G. Venkatarama Aiyar	*Do.*	
N. S. Venkatarama Aiyar	*Do.*	
T. S. Subrahmanya Aiyar	*Do.*	
A. R. Subrahmanya Aiyar	*Do.*	
M. Govindarajulu Nayudu	Accountant.	

No. 2 CIRCLE—HEAD-QUARTERS, BEZWADA.

(1) Kistna Northern Division.

Mr. A. G. Romilly	Exe. Engr., 3rd Grade.	
C. Ramanna Pantulu	Supervisor 1st do.	
S. Panchanatha Aiyar	Do. 2nd do.	
Mr. J. S. Mullen	Overseer, 1st do.	
S. Chittambala Pillai	Do. 1st do.	
K. Srinivasa Aiyar	Do. 1st do.	
L. D. Ramachandra Aiyar	Do. 2nd do.	*Tempy. rank.*
S. Swaminatha Pillai	Do. 3rd do.	Sub. *pro tem.*
K. R. Ganapati Aiyar	*Tempy. Upper Subordinate.*	
C. R. Krishna Rau	Accountant.	

No. II Party, T. R. S.

W. Masilamani Mudaliyar	Supervisor, 1st Grade.	

NAMES.	Departmental Rank.	REMARKS.
(2) Kistna Eastern Division.		
Mr. J. S. Wilson	Exe. Engr., 2nd Grade.	
„ W. J. J. Howley, A.M.I.C.E.	Do. 3rd do.	On Special duty.
„ R. N. H. Reid, A.M.I.C.E.	Do. 3rd do.	*Tempy. rank.*—On Special duty.
„ P. Hawkins	Asst. Engr., 2nd do.	
U. S. Ramaswami Aiyar	Do. 3rd do.	
Mr. R. W. Fortaby	Do. 3rd do.	
K. Srinivasa Aiyangar, B.A., B.E.	Do. 3rd do.	
Condr. J. S. Joyce	Sub-Engr., 3rd do.	
Sub-Condr. J. Ruck	Supervisor, 1st do.	
Sergeant J. S. Mahony	Overseer, 1st do.	
D. V. Venkatarama Aiyar	Do. 1st do.	
M. Ramaswamy Pillai	Do. 1st do.	
G. Lakshmana Rau	Do. 2nd do.	
S. Kodandaramayya Nayudu	Do. 2nd do.	
T. S. Rangaswami Aiyar	*Tempy. Upper Subordinate.*	
C. S. Krishna Rau	*Do.*	
A. Seshachala Mudaliyar	Accountant.	
(3) Kistna Western Division.		
Mr. J. M. Lacey, B.C.E.	Exe. Engr., 3rd Grade	*Tempy. rank.*
„ C. C. Johnson	Asst. Engr., 3rd do.	
Abdul Lalitif Sahib	Do. 3rd do.	
S. Panchapakesa Aiyar	Sub-Engr., 3rd do	
P. A. Venkatarama Aiyar, B.C.E.	Overseer, 1st do.	
M. Krishnaswami Aiyangar	Do. 2nd do.	
R. S. Lakshmirata Aiyar	Do. 3rd do.	Sub. *pro tem.*
M. O. Singara Aiyangar	*Tempy. Upper Subordinate.*	
C. Ramaswami Aiyar	*Do.*	
T. V. Saptarishi Sastri	*Do.*	
Mr. E. T. Jordan	*Do.*	
V. S. Manicka Mudaliyar	*Do.*	
K. Sitarama Aiyar	*Do.*	
N. A. Bhasubba Aiyar	*Do.*	
S. R. Sambasiva Aiyar	*Do.*	
A. Balasundaram Pillai	Accountant.	
(4) Nellore Division.		
Mr. R. A. Srinivasa Aiyangar, Rai Sahib, B.A., B.C.E.	Exe. Engr., 3rd Grade.	
G. R. Venkatarama Aiyar, B.C.E.	Asst. Engr., 1st do.	
R. Kalyanarama Aiyar, A.C.E.	Do. 2nd do.	
Condr. E. Cope	Sub-Engr., 3rd do.	
C. Shanmukha Mudaliyar	Supervisor, 2nd do.	
Mir Sadr-ud-din Sahib	Do 2nd do.	
Sergeant R. Cuthbert	Overseer, 1st do.	
N. Kandaswami Pillai	Do. 1st do.	*Tempy. rdnk.*
S. Dakshanamurti	Do. 1st do.	*Do.*
S. Natesa Aiyar	Do. 2nd do.	
K. Narasimhachari	*Tempy. Upper Subordinate.*	
Mr. E. H. Muller	*Do.*	
N. Anandalwar	*Do.*	
P. Ramaswami Nayudu	*Do.*	
V. S. Rangaswami Aiyar	*Do.*	
T. K. Sankara Singh	*Do.*	
Mr. P. G. King	Accountant.	
No. I. Party, T. R. S.		
V. C. Subharaya Pillai	Supervisor, 1st Grade.	
No. 3 CIRCLE—HEAD-QUARTERS, BELLARY.		
Lieut.-Col. W. L. C. Baddeley, R.E.	Supg. Engr., Class II	*Tempy. rank.*

NAMES.	Departmental Rank.	REMARKS.
(1) Bellary Division.		
Mr. G. F. Handcock	Exe. Engr., 2nd Grade.	
N. Ratnasabhapati Pillai, Rai Sahib, B.A., B.C.E.	Do. 3rd do.	
Mr. P. H. Whitbread	Sub-Engr., 3rd do.	
Condr. L. Donaghue	Do. 3rd do.	
Sub-Condr. T. G. Blake	Supervisor, 1st do.	
C. V. Shanmukha Mudaliyar	Overseer, 1st do.	
M. N. Ramakrishna Aiyar	Do. 1st do.	*Tempy. rank.*
R. Srinivasa Raghava Chari	Do. 2nd do.	
D. Koil Pillai, B.A., B.E.	Do. 2nd do.	
S. Natesa Aiyar	Do. 2nd do.	*Do.*
M. Srinivasagam Pillai	*Do.*	
U. R. Bashyam Aiyangar	*Do.*	
R. Vasudeva Aiyar	*Do.*	
M. Ramasatha Aiyar	*Do.*	
M. Mahadeva Mudaliar	*Do.*	
A. Rama Rau	*Do.*	
S. Sankara Rau	Accountant.	
No. IV Party, T. R. S.		
C. R. Chinnaswmi Aiyangar	Supervisor, 1st Grade.	
(2) Cuddapah Division.		
Mr. A. H. Morin	Exe. Engr., 3rd Grade	*Tempy. rank.*
L. D. Venkatarama Aiyar, B.A., B.C.E.	Asst. Engr., 2nd do.	
Mr. J. B. Lutman	Do. 2nd do.	
„ F. W. Cornwell	Do. 3rd do.	
V. R. Kuppuswami Mudaliyar	Supervisor, 1st do.	
S. K. Ramachandra Sastri	Do. 1st do.	*Do.*
Mr. J. B. Rodrigues	Do. 2nd do.	
C. Venkatarama Ayya	Do. 2nd do.	
Sergeant R. S. Sheridan	Overseer, 1st do.	
C. L. Venkatanarasayya	Do. 1st do.	
P. Ramachandra Aiyar	Do. 1st do.	
D. Swaminatha Aiyar	Do. 2nd do.	*Do.*
K. Subramanya Aiyar	*Tempy. Upper Subordinate.*	
S. Srinivasa Aiyar	*Do.*	
M. Rangaswami Aiyangar	*Do.*	
S. V. Gnanamutha Pillai	*Do.*	
P. Bashyam Nayudu	Accountant	On other duty.
R. Krishnaswmi Rau, B.A.	Do.	Acting.
No. VI Party, T. R. S.		
Condr. J. H. Ulyett	Sub.-Engr, 3rd Grade.	
(3) Kurnool Division.		
Mr. J. C. Johnston, A.M.I.C.E.	Exe. Engr., 1st Grade.	
„ A. W. Campbell	Asst. Engr., 2nd do	
N. Nadhamuni Mudaliyar	Sub-Engr., 3rd do.	
Mr. J. Willis	Supervisor, 1st do.	
„ J. Pereira	Do. 1st do.	
A. Venkatarangarau Nayudu	Do. 2nd do.	
V. S. Vaidyanatha Mudaliyar	Do. 2nd do.	
S. Sambasiva Aiyar	Overseer, 1st do.	
G. Narayana Rau	Do. 1st do.	
G. Srinivasa Aiyangar	Do. 1st do.	
M. R. Natesa Aiyar	Do. 1st do.	*Tempy. rank.*
S. Iswara Sastri	Do. 2nd do.	
T. K. Ramabhadra Sastri	Do. 2nd do.	
A. R. Subbuswami Aiyar	Do. 2nd do.	
Mr. C. Lawrence	*Tempy. Upper Subordinate.*	
„ *W. P. Clay*	*Do.*	
S. Subrahmanya Aiyar	*Do.*	
K. R. Venkatarama Aiyar	*Do.*	
Muhammad Latif Hussain	Accountant.	

Names.	Departmental Rank.	Remarks.

No. 4 CIRCLE—HEAD-QUARTERS, COIMBATORE.

Mr. A. H. Garrett ...	Supg. Engr., III. Class ...	*Tempy. rank.*

(1) Coimbatore Division.

Mr. C. H. B. Burlton ...	Exe. Engr., 1st Grade.	
P. V. Manickam Nayakar, B.E. ...	Asst. Engr., 3rd do.	
S. Sundara Sastri ...	Supervisor, 2nd do.	
Sub-Condr. J. O'C. Phelan ...	Do. 2nd do.	
„ C. J. Smith ...	Do. 2nd do.	
S. Panchapakesa Aiyar ...	Overseer, 1st do.	
M. Gnanapragasam Pillai ...	Do. 2nd do. ...	*Tempy. rank.*
C. N. Appa Rau ...	Do. 3rd do. ...	Sub. *pro tem.*
G. Venkatarama Aiyar ...	Do. 3rd do. ...	*Do.*
T. Muthukumaraswami Mudaliyar.	*Tempy. Upper Subordinate.*	
W. Ethirajulu Mudaliyar ...	*Do.*	
C. K. Ramachandra Aiyar ...	*Do.*	
P. Seshachari ...	*Do.*	
P. K. Srinivasa Aiyar ...	*Do.*	
T. Jayaram Chetti ...	Accountant.	

Anaimalai Division.

Mr. C. W. Wood ...	Exe. Engr., 2nd Grade.	
C. N. Subrahmanya Aiyar ...	*Tempy. Upper Subordinate.*	
Mr. J. H. Coombes ...	Accountant.	

(2) West Coast Division.

Mr. C. J. Ussher ...	Exe. Engr., 1st Grade.	
„ R. S. Paterson ...	Do. 3rd do. ...	*Tempy. rank.*
S. Krishnamachariyar, Rao Sahib, A.C.E., B.C.E.	Asst. Engr., 2nd do.	
Mr. D. Brodie ...	*Tempy. Engineer.*	
„ J. Kelly ...	Sub. Engr., 2nd Grade.	
T. Ramanujam Pillai ...	Do. 3rd do.	
C. S. Venkatarama Aiyar, B.C.E.	Overseer, 1st do.	
N. V. Suriyanarayana Aiyar ...	Do. 2nd do.	
K. Narayana Hebbar ...	Do. 2nd do.	
Mr. W. T. Jacob ...	*Tempy. Upper Subordinate.*	
„ *L. A. Barbosa ...*	*Do.*	
„ *M. Saldanha ...*	*Do.*	
C. N. Subrahmanya Aiyar ...	Accountant.	

(3) North Arcot Division.

Mr. S. D. Pears ...	Exe. Engr., 1st Grade.	
„ J. C. Dennehey ...	Asst. Engr., 2nd do. ...	*Hony. rank.*
Sub-Condr. W. Rule ...	Sub-Engr., 3rd do. ...	*Tempy. rank.*
Condr. H. Slaney ...	Do. 3rd do. ...	*Do.*
Mr. C. H. Marrow ...	Supervisor, 1st do.	
Sergeant A. G. Hawkins ...	Overseer, 1st do.	
T. Ramaswami Aiyar ...	Do. 2nd do.	
S. Subrahmanya Aiyar ...	Do. 2nd do.	
R. Veeraswami Aiyangar ...	*Tempy. Upper Subordinate.*	
G. S. Krishnaswami Aiyar ...	*Do.*	
B. M. Visvanatha Aiyar, B.A. ...	*Do.*	
A. Manicka Mudaliar ...	*Do.*	
M. Atchayya Patrudu ...	Accountant.	

No. V Party, T. R. S.

Mr. J. Lawrance ...	Sub. Engr., 3rd Grade.	

(4) Salem Division.

Mr. S. B. Murray, A.M.I.C.E. ...	Exe. Engr., 2nd Grade.	
„ C. Peddie ...	Asst. Engr., 3rd do.	
„ J. Mahony ...	Do. 2nd do. ...	*Hony. rank.*
„ S. X. Saldanha, B.C.E. ...	Sub. Engr., 3rd do.	

209654

தமிழ்நாடு ஆவணக்காப்பக நூலகம்,
எழும்பூர், சென்னை-600 008.

தவணைத்தாள். N211, N01

சே. எண் : 209654 ப. எண் : N00.1

வழங்கிய நாள். (1)	திரும்பிய நாள். (2)	வழங்கிய நாள். (1)	திரும்பிய நாள். (2)
26/3/97			
~~18.6.97~~			
~~19.6.97~~			
22/12/98			
26/2/08			
6/4/08			

S.F. 259A—1,00,000—30-1-84.