Government of Madras.

EDUCATIONAL DEPARTMENT.

Read. — *Enclosures*

1913.

Regd — *Spare copies*

G.O. No. 787, 23rd August 1913.

Government examinations.

Recording report on the examinations under the control of the Commissioner that were held during the year 1912-13.

Government of Madras.

EDUCATIONAL DEPARTMENT.

Read.	1913.	*Enclosures*
Regd		*Spare copies*

G.O. No. 787, 23rd August 1913.

Government examinations.

Recording report on the examinations under the control of the Commissioner that were held during the year 1912–13.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following paper :—

Letter—from the Hon'ble Sir Alfred Bourne, D.Sc., F.R.S., K.C.I.E., Commissioner for Government Examinations.

To—the Secretary to Government, Educational Department.

Dated—Madras, the 7th August 1913.

No.—2455.

I have the honour to submit the annual report on the examinations under the control of the Commissioner that were held during the year 1912–1913.

2. The work connected with the different examinations held under the Code of Regulations for European Schools was, as in previous years, done by this office.

The work of the Board for the Award of Secondary School-Leaving Certificates was also done by this office. The Board passed the following resolution :—

"The Board desires to place on record its appreciation of the work done in the office . . . in connection with the arrangements for the Public Examinations in every high school of the Presidency, and with the entering of the results of those examinations in so many thousands of certificates for the years 1911 and 1912.

The work has been an enormous addition to the office routine and has been carried through, in both years, with such an entire absence of confusion, inaccuracy and delay, as deserves the highest praise."

3. All the examinations were held at various centres in the Presidency. Of these, the Special Test Examinations were held also in Mercara, and the April and the November Technical Examinations in the Native States of Travancore, Cochin and Mysore and in Bangalore.

4. Detailed information in respect of each examination is given below :—

(*a*) *Technical Examinations* (*April, June, November and January*).

Under G.O. No. 175, Educational, dated the 24th February 1913, an examination according to the Advanced grade in Tailoring was instituted and the revised syllabuses for the Elementary and Intermediate grades in this subject were approved ; the next examination will be conducted in accordance with this order.

The total number of individual candidates registered for the three grades of examination was 9,613, of whom 377 were for the Advanced, 2,648 for the Intermediate, and 6,588 for the Elementary grade. There was an increase in the numbers registered for all three grades.

The total number of subject-candidates examined was 12,066, of whom 5,623 were successful. There was an increase in the number of candidates for each grade both under "examined" and "passed," as also in the percentage of subject-passes.

Four of the subject-candidates for the Advanced, 60 for the Intermediate, and 185 for the Elementary grade were female candidates. All the female candidates for the Advanced grade and 37 and 93 for the Intermediate and Elementary grades,

respectively, were successful. The four female candidates for the Advanced grade came up in Needle-work and Dress-making, and the largest number for the Intermediate and Elementary grades took up Free-hand Outline Drawing.

The number of papers set for the Advanced, Intermediate and Elementary grades, respectively, was 48, 94 and 74, the number of subjects for the corresponding grades being 17, 53 and 52.

Brahmans and Non-Brahman Caste Hindus formed the bulk of the subject-candidates that passed in the case of all three grades.

Seven diplomas, of which five were for Commerce, and 132 group certificates, among which there were five for Bridge Construction, were issued during the year.

The silver medal of the Madras Musical Association was not awarded during the year, as the only successful candidate did not satisfy the conditions prescribed.

(*b*) *Examinations in connection with the Subordinate Medical Department* (*May*).

There were 30 vacancies for the grade of Civil Medical Pupil, and the number of applications for admission to the competitive examination for this grade was 38 : twenty-eight from holders of Secondary School-Leaving Certificates, nine from matriculates and one from an exempted candidate.

The majority of the candidates for the Indian Military Pupil grade were persons who were certified to have studied in the Sixth Form. The number of candidates who registered their names for the grade of Madras-Burma Sub-Assistant Surgeon Pupil was 41, of whom 34 were holders of Secondary School-Leaving Certificates and 7 matriculates.

(*c*) *Special Test Examinations* (*October*).

For these examinations, 5,261 candidates in all registered their names, 4,200 presented themselves for examination and 1,689 passed. The numbers that were registered and examined and that passed during the previous year were 4,775, 3,782 and 1,397, respectively.

The results were fair on the whole ; they were better than those of the previous year in the Précis-writing Test, the Account Test (Lower grade), the Criminal Procedure Code (Lower grade) and the Revenue Test (Higher and Lower grades).

Under G.O. No. 475, Educational, dated the 31st May 1912, the Sea Customs Manual was removed from the list of subjects prescribed for the Revenue Test, Higher grade.

Under G.O. No. 896, Educational, dated the 9th October 1912, the Account Test, Lower grade, was abolished and the double examination (the Account Test, Higher grade, and the Account Test, Lower grade) was replaced by a single test called the "Account Test." The next examination will be conducted for the first time according to the new test.

5. *Finance.*—The receipts amounted to Rs. 1,72,000, while the expenditure was Rs. 1,48,412 including refunds, the charges for printing work done at private presses and the compensation paid to the University of Madras.

6. An inventory of valuable stock was duly maintained and checked during the year.

APPENDIX.

(a) *Technical Examinations (April, June, November and January.)*

Table I.

(Shows the numbers of individual candidates registered and of subject-candidates examined and passed, and the percentage of "passed" to "examined," in 1910–1911, 1911–1912 and 1912–1913).

Grade of examination	Number of individual candidates registered.			Number examined (subject-candidates).			Number passed (subject-candidates).			Percentage of subject-passes.		
	1910-1911.	1911-1912.	1912-1913.	1910-1911.	1911-1912.	1912-1913.	1910-1911.	1911-1912.	1912-1913.	1910-1911.	1911-1912.	1912-1913.
Advanced	249	279	377	260	308	425	85	128	178	32·6	41·5	41·8
Intermediate	2,117	2,242	2,848	2,529	2,890	3,445	1,007	1,286	1,558	39·8	44·4	45·2
Elementary	5,477	5,980	6,388	6,730	7,506	8,196	2,508	2,978	3,887	37·2	39·6	47·4
Total	7,843	8,501	9,613	9,519	10,704	12,066	3,600	4,392	5,623	37·8	41·0	46·6

Table II.

(Shows the numbers examined and passed in the subjects brought up under each group in 1911–1912 and 1912–1913).

Advanced Grade.

Subjects.	1911-1912.		1912-1913.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	1	1	2	2
Building Drawing and Estimating	6	4	6	1
Hydraulics and Irrigation Works	..	..	1	1
Surveying and Levelling	8	6	30	20
Applied Mechanics	..	..	1	..
Mechanical Engineering.				
Machine Drawing	1	1	2	1
Commerce.				
Book-keeping	52	25	77	48
Theory and Practice of Commerce	29	18	64	37
Commercial Geography	25	16	27	8
Shorthand	36	7	57	15
Type-writing	87	7	100	8
Drawing, etc.				
Free-hand Outline Drawing	20	11	18	8
Geometrical Drawing	7	3	10	2
Painting	6	4	5	4
Modelling	..	..	1	1
Wood-engraving	1	1	..	..
Wood-work and Metal-work.				
Cabinet-making	27	22	20	18
Tailoring and Dress-making.				
Needle-work and Dress-making	2	2	4	4
Total number of subject-candidates ..	308	128	425	178

Table III.

(Shows the numbers examined and passed in the subjects brought up under each group in 1911–1912 and 1912–1913).

Intermediate Grade.

Subjects.	1911-1912.		1912-1913.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	80	48	125	90
Building Drawing and Estimating	72	29	130	55
Hydraulics and Irrigation Works	30	14	24	12
Earthwork and Road-making	32	17	34	23
Bridge work	7	3	12	5
Surveying and Levelling	224	76	236	94
Applied Mechanics	12	9	8	4
Mensuration	16	11	14	6
Practical Plane and Solid Geometry	4	2	..	..
Carpentry	6	3	..	..
Mechanical Engineering.				
Machine Construction	24	8	15	4
Machine Drawing	39	13	50	16
Steam and the Steam-engine	18	6	8	4
Fitter's work	23	12	8	6
Electrical Engineering.				
Practical Telegraphy	..	..	3	..
Electric Lighting and Transmission of Power	8	4	8	1
Physical Science.				
Heat	6	3	2	1
Electricity and Magnetism	15	5	10	3
Inorganic Chemistry	4	1	2	1
Physiography	13	8	3	2
Photography	1	1	3	1
Biology.				
Animal Physiology	42	37	58	38
Botany	4	2	7	2
Sanitary Science.				
Hygiene	42	38	58	41
General Biology (Special)	..	..	1	1
Minor Sanitary Engineering	41	29	45	7
Pharmacy.				
Botany (Special)	..	..	1	1
Agriculture.				
Agriculture	4	3	4	2
Economic Entomology	2	1	..	..
Commerce.				
Book-keeping	285	184	375	221
Theory and Practice of Commerce	230	184	342	259
Banking	140	55	213	99
Commercial Geography	66	23	52	7
Shorthand	196	73	243	53
Type-writing	542	79	611	123
Music.				
Music	..	..	1	1
Drawing, etc.				
Free-hand Outline Drawing	317	119	399	194
Design	34	19	26	11
Geometrical Drawing	108	49	120	54
Painting	68	21	72	21
Modelling	1	1	5	4
Wood-engraving	1	1	..	..
Copper-plate Engraving	4	4	4	4
Jeweller's work.				
Jeweller's work	2	2	2	2

Table III—*cont.*

(Shows the numbers examined and passed in the subjects brought up under each group in 1911–1912 and 1912–1913).

Intermediate Grade—cont.

Subjects.	1911–1912.		1912–1913.	
	Examined.	Passed.	Examined.	Passed.
Printing, Book-binding and Type-founding.				
Letterpress Printing—				
Compositor's work	10	4	5	4
Proof-reader's work	7	1	6	1
Machine work	3	1	2	1
Book-binding	6	2	3	2
Stereotyping	3	..	..	..
Wood-work and Metal-work.				
Cabinet-making	46	36	35	32
Blacksmith's work	7	7	8	7
Metal-work	1	1	4	3
Textile Fabrics.				
Cotton-weaving	9	8	8	6
Carpet-weaving	1	1	1	1
Lace-making	11	10	16	6
Tailoring and Dress-making.				
Tailoring	7	3	9	9
Needle-work and Dress-making	15	14	13	12
Embroidery	1	1	1	1
Total number of subject-candidates	2,890	1,286	3,445	1,558

Table IV.

(Shows the numbers examined and passed in the subjects brought up under each group in 1911–1912 and 1912–1913).

Elementary Grade.

Subjects.	1911–1912.		1912–1913.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	99	16	67	38
Building Drawing and Estimating	148	68	132	45
Hydraulics and Irrigation Works	47	26	54	18
Earthwork and Roadmaking	168	102	184	143
Bridge work	55	29	41	31
Surveying and Levelling	60	25	41	11
Applied Mechanics	56	35	57	31
Mensuration	200	94	261	180
Practical Plane and Solid Geometry	67	24	66	36
Carpentry	12	5	9	5
Mechanical Engineering.				
Machine Construction	23	9	21	2
Machine Drawing	64	26	64	18
Steam and the Steam-engine	34	6	22	7
Fitter's work	43	19	37	24
Electrical Engineering.				
Practical Telegraphy	41	8	65	16

Table IV—*cont.*

(Shows the numbers examined and passed in the subjects brought up under each group in 1911–1912 and 1912–1913).

Elementary Grade—cont.

Subjects.	1911–1912.		1912–1913.	
	Examined.	Passed.	Examined.	Passed.
Physical Science.				
Electricity and Magnetism	14	5	13	2
Inorganic Chemistry	5	4	9	4
Physiography	3	1	6	4
Biology.				
Animal Physiology	131	78	164	116
Botany	163	92	339	216
Sanitary Science.				
Hygiene	63	33	132	66
Agriculture.				
Agriculture	47	33	114	93
Commerce.				
Book-keeping	613	282	706	281
Theory and Practice of Commerce	484	255	551	290
Banking	200	105	199	105
Commercial Geography	22	4	42	11
Shorthand	714	196	785	333
Type-writing	2,202	445	2,161	672
Music.				
Music	4	2	1	1
Drawing, etc.				
Free-hand Outline Drawing	959	500	978	485
Design	123	34	171	132
Geometrical Drawing	245	133	262	159
Painting	154	127	191	128
Modelling	3	2	..	..
Jeweller's work.				
Jeweller's work	7	6	4	4
Printing, Book-binding and Type founding.				
Letterpress Printing—				
Compositor's work	19	3	24	13
Proof-reader's work	19	4	21	6
Press work	4	2	2	1
Machine work	10	5	12	3
Printer's Warehouse work	2	..	1	..
Book-binding	6	3	7	4
Typecasting	5	2	2	1
Stereotyping	3	1	4	1
Electrotyping	4	1	2	1
Wood-work and Metal-work.				
Cabinet-making	72	53	85	70
Blacksmith's work	16	14	15	10
Metal-work	5	5	9	8
Textile Fabrics.				
Cotton-weaving	22	22	23	17
Carpet-weaving	4	3	1	1
Lace-making	20	19	26	22
Tailoring and Dress-making.				
Tailoring	9	9	6	6
Needle-work and Dress-making	1	1	12	11
Embroidery	2	2	5	5
Total number of subject-candidates	7,506	2,978	8,196	3,887

Table V.

(Distributes the successful candidates according to classes of the community for 1911–1912 and 1912–1913).

Classes of the community.	Number of subject-candidates that passed.					
	Advanced grade.		Intermediate grade.		Elementary grade.	
	1911–1912.	1912–1913.	1911–1912.	1912–1913.	1911–1912.	1912–1913.
Europeans and Eurasians	2	4	24	30	59	62
Indian Christians	20	23	168	183	397	441
Muhammadans	2	1	31	22	75	70
Brahmans	68	114	726	895	1,593	2,210
Non-Brahman Caste Hindus	34	35	325	427	842	1,094
Panchamas	1	..	1	1	9	8
Buddhists	1	1	..	..	2	1
Jains	..	..	1	..	1	1
Total ..	128	178	1,286	1,558	2,978	3,887

(*b*) *Examinations in connection with the Subordinate Medical Department (May).*

(Table showing the number of candidates examined and the number of vacancies advertised for each grade in 1911–1912 and 1912–1913).

Grade.	1911–1912.		1912–1913.	
	Number examined.	Number of vacancies.	Number examined.	Number of vacancies.
Civil Medical Pupil	22	20	36	30
Indian Military Pupil	25 *	12	29	20
Madras-Burma Sub-Assistant Surgeon Pupil	13	12	35	12

* Excludes eight candidates who were selected without being examined.

(*c*) *Special Test Examinations (October).*

Table I.

(Compares the numbers registered, examined and passed for the five years ending with 1912–1913).

Year.	Number registered.	Number examined.	Number passed.	Percentage of column 3 to column 2.	Percentage of passed to examined.
1908–1909	3,897	3,112	1,370	79·85	44·02
1909–1910	4,137	3,285	1,409	79·40	42·89
1910–1911	4,389	3,450	1,510	78·60	43·76
1911–1912	4,775	3,782	1,397	79·20	36·93
1912–1913	5,261	4,200	1,689	79·83	40·21

Table II.

(Compares the numbers registered, examined and passed for each test in 1911–1912 and 1912–1913).

Designation of test.	1911–1912.			1912–1913.		
	Number registered.	Number examined.	Number passed.	Number registered	Number examined.	Number passed.
Précis-writing Test	222	206	25	319	296	73
Translation Test, Higher grade	214	198	62	301	285	86
Do. Lower do.	588	523	201	670	609	231
Account Test, Higher grade	783	551	224	902	642	235
Do. Lower do.	926	760	362	874	710	428
Civil Judicial Test	189	157	* 25	270	208	† 33
Criminal Judicial Test, Higher grade	459	326	115	505	360	72
Do. Lower do.	309	209	98	324	234	106
Criminal Procedure Code, Higher grade	12	8	8	15	11	7
Do. Lower do.	7	6	4	5	2	2
Revenue Test, Higher grade	223	185	52	253	205	99
Do. Lower do.	843	659	218	820	635	317
Jail Test	4	4	3	3	3	..
Total ..	4,775	3,782	1,397	5,261	4,200	1,689

* Includes seven candidates who passed the Civil Judicial Test without Civil Rules of Practice and Provincial Insolvency Act.

† Includes seven candidates who passed the Civil Judicial Test without Civil Rules of Practice and Provincial Insolvency Act.

FINANCE.

Table I.

(Compares the receipts for 1911–1912 and 1912–1913).

Examinations.	Actuals, 1911–1912.	Revised estimate, 1912–1913.	Budget estimate, 1912–1913.	Actuals, 1912–1913.
	Rs.	Rs.	Rs.	Rs.
Primary and the Fifth and Sixth Standard Examinations ..	29	25	50	15
Upper and Lower Secondary Examinations	10	35	50	16
Technical Examinations	49,352	50,000	46,000	53,181
Medical Entrance Examinations	542	900	1,000	663
Special Test Examinations	28,926	32,000	30,000	31,866
Secondary School-Leaving Certificates	81,027	82,500	1,00,000	86,259
Total ..	1,59,886	1,65,460	1,77,100	1,72,000

Table II.

(Compares the charges for 1911–1912 and 1912–1913).

Examinations, etc.	Actuals for 1911–1912.	Actuals for 1912–1913.		
		Stipends.	Contingencies.	Total.
	Rs.	Rs.	Rs.	Rs.
Technical Examinations	20,667	37,182	6,284	43,466
Medical Entrance Examinations	128	138	28	166
Special Test Examinations	15,723	13,613	2,030	15,643
Secondary School-Leaving Certificates	67,194	28,998	45,030	74,028
Refunds	2,087	..	..	199
Printing charges	2,788	..	..	2,685
General—				
Secretary	4,200	..	..	4,200
Office Establishment, Permanent	6,729	..	..	6,882
Do. Temporary	519	..	..	513
Office Contingencies	584	..	..	630
Total ..	1,20,619	79,931	53,372	1,48,412

Order—No. 787, Educational, dated 23rd August 1913.

Recorded.

(True Extract.)

W. Francis,
Ag. Secretary to Government.

To the Commissioner for Government Examinations.
,, Director of Public Instruction.
,, Surgeon-General.
,, Accountant-General.
,, Public Department.
,, Judicial Department.
,, Revenue Department.
Editors' Table.

[E. & L. / 74]
1,500—17-11-11

Edl – DEPARTMENT.

7

Read again G.O. No. ....., dated ..... 191 .

,, ,, ,, ,, ..., ,, ... 191 .

Read also:—

C. No. 2459 From the b.g.E ....., No. 2455, dated 7 . 8 . 1913.

,, ,, ..., ,, ..., ,, ..., ,, ... 191 .

,, ,, ..., ,, ..., ,, ..., ,, ... 191 .

ORDER.
P.T.

No. 787 Edl, dated 23 - 8 - 1913.

Recorded
SK 20/8/13. CR 21.8.13

Issue

To The b.g.E. 1/- Issue with G.S. Copy
" D.P.I. do do do
" Surgeon Genl. do do do
" Ag. A.G. do do do
" Public Depts. } (Except to E. T.) Copy for Deputation with Copy of Proceedings
" Judl. Dept.
" Revenue Depts.

Issue
KAF
11/9/13

Sectt.-11-38—6,902—19-4-13.

PRESS SLIP.

ORDINARY. PREFERENCE. URGENT (*a*).

Educational Department.

Current No. 2459 dated 25 AUG 1913 191 .

G.O. No. ~~1567~~ 1567 dated 26-8-1913 .

Number of MS. pages sent { Correspondence (*b*) ; Notes

Brief subject Government Examinations

(*c*) Number of copies required when struck off (*not including copies for volumes and editors' table which are retained in the Press*).	E. T. copies to supply requisitions for purchase by the public.	Complete correspondence and orders.	Notes.
FOR RECORD.*			
Madras Records	4	30	
Ooty Records		4	
For filing with original ...		1	
Total ..		35	

FOR ISSUE.†	Letter only.	Complete G.O.	Special issue copies of G.O. No.	Special issue copies of G.O. Papers.	Notes
Signature copies		7			
India Office					
Govt. of India ... Dept.					
Revenue Department		4			
Public Works Department					
Local and Municipal Department					
Educational Department					
... Dept.					
Public Dept. 4					
Judicial Dept. 4					
Political ...		8			
Financial Dept. ... Total					
Marine Dept.					
Ecclesiastical Dept.					
Total ...					
Spare copies: The C.G.E.		4			
The D.P.I.		5			
The Surgeon-Gen.		4			
The A.G.		4			
The					
The					
The					
The					
The					
The					
The					
The					
The					
The					
Total ...		36			

* Copies distributed on ..... ‡ (Press Clerk.)

† Copies distributed on ..... ‡ (Press Despatcher.)

‡ *To be initialled and dated.*

INSTRUCTIONS FOR THE SECRETARIAT.

(*a*) If a paper is marked to be printed urgently, the Superintendent of the section concerned should sign the Press slip. The Superintendent should exercise a careful discretion in the matter.

(*b*) Each letter, memorandum, or order, or set of orders, in the file of correspondence should be headed in succession with the Roman numeral I, II, III, etc., the number being written in red ink or blue chalk above the item. The particular papers to be printed in the special issue-copies should be indicated by the Roman numeral (I, II, etc.) by which that item has been headed in the correspondence file. All matter, including marginal remarks or references, to be printed should be written in ink and matter which should not be printed should be encircled. Initials and signatures that are not quite legible should be re-written distinctly.

(*b*1) For rules regarding printing of notes, see rule 315 of the office Manual.

(*c*) The number of copies and the details of distribution should be filled in by the Superintendent or Referencer concerned.

(*d*) In the absence of special instructions to the Press to keep matter standing for a specified period, ordinary papers of 8 pages and under will be kept standing for *one* week, and larger papers for *two* weeks only. *The type of notes and of all confidential papers is distributed immediately after striking.*

(*e*) This slip, properly and completely filled in, should accompany every paper sent to Press; it will be returned by the Press when proofs are furnished; it should be sent to the Press when a call is made for revised proofs or when a corrected proof is sent for striking. When finally returned by Press it should be filed with the original order or letter.

INSTRUCTIONS FOR THE PRESS.

(*a*) If, in the opinion of the Superintendent of the Press, a paper has been marked urgent unnecessarily, he should send the Press slip to the Registrar with a remark to that effect.

(*b*) Unless a note to the contrary is made against the matter, pencil entries should not be printed. The Superintendent of the Press may bring to the notice of the Registrar any instance of incomplete or careless editing.

(*c*) Signature copies of letters to the Secretary of State or to the Government of India should be printed on hand-made paper.

(*d*) This slip should be returned by the Press to the Secretariat when proofs are furnished; it will be sent back to the Press when proofs are returned corrected and should be finally returned to the Secretariat when struck-off copies are supplied.

(*e*) The names of the Secretary and Members should be printed in full when they occur on the right hand side, only the first time when they appear on the left side, the initials alone being printed later.

[P.T.O.

TO PRESS, MADRAS ~~COPY~~.

A	B	C
Please send proof in duplicate. The papers have been carefully edited.	Proof returned corrected. Please strike off and send number of copies as indicated.	As the matter is clear manuscript and has been carefully edited, (*b*) proof need not be sent. Please print and supply number of copies as indicated.
	Type may be released after usual interval / at once.	Type may be released after usual interval.
..... *Referencer.* / *Clerk.*	..... *Referencer.* / *Clerk.*	SK *Referencer.* / *Clerk.*
..... *Supdt.*	..... *Supdt.*	..... *Supdt*

SPECIAL INSTRUCTIONS.

TO BE FILLED IN BY THE PRESS.

Diary.	Initials of Press official.
Received in Press on 26/8/13	PTHC
First proof furnished on	
Call for revised proof received on	
Revised proof furnished on	
Corrected proof received for striking on	
Final copies supplied on 8/9/13	26

Account of copies.	Complete copies.	Notes.	Issue copies.	Special E.T. edition
Supplied to Secretariat for Record	35			
" " " Issue	36			
" " " for Extra E.T. copies to supply requisitions for sale to the public				4
For Volumes	16			
For supply to newspapers and institutions admitted to the privileges of the E.T.				
Total ...	87			