Educational (1906) Department.

1

ORDINARY PRINTED.

G.O., No. 529

DATED 16-8-06

(16)

N. P.

[Despatch Abstract.]

Government Examinations.

Reporting the report on the examinations under the control of the Commissioners for — held during 1905-06.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Government of Madras.

EDUCATIONAL DEPARTMENT.

Read. } 1906. *Enclosures*

Regd. } *Spare copies*

G.O., No. 549, 16th August 1906.

N. P.

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Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd. } 1906. *Enclosures*

Regd. *Spare copies*

G.O., No. 549, 16th August 1906.

N. P.

Government Examinations.

Recording the report on the examinations under the control of the Commissioner for — held during 1905–1906.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

Read—the following paper :—

Letter—from the Hon'ble Mr. A. G. Bourne, D.Sc., F.R.S., Commissioner for Government Examinations, Madras.
To—the Secretary to Government, Educational Department.
Dated—the 8th August 1906.
No.—210/1-D.

I have the honour to submit my report on the examinations under the control of the Commissioner that were held during the year 1905–1906. Mr. Messinier having retired from the service on the afternoon of the 31st March 1906, Mr. T. R. Scott succeeded him as Secretary.

2. The Primary and Lower Secondary Examinations having been abolished by Government in their orders Nos. 409 and 443, Educational, of the 15th and the 29th June 1905, respectively, there were eight examinations in all held at various centres in the Presidency against ten in the previous year. Of these, the Technical Examinations were held also in the Native States of Travancore and Mysore.

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

(*a*) *The Upper Secondary Examination.*

The total number of candidates that registered their names for the compulsory test was 365. Of this number, only 337 presented themselves for examination, of whom 222 were pupil candidates who came up from 58 different institutions. Forty-seven candidates were successful, 33 of them being pupils. As many as 229 of the number examined and as many as 37 of the number that passed were Brahmans. Only two of the candidates examined were female candidates and they failed.

Seventeen candidates appeared for examination in a second language only, of whom ten passed.

Thirteen candidates completed their success last year. Including these, the total number of candidates that have passed the Upper Secondary Examination and have so qualified themselves for appointments on Rs. 15 and upwards in "superior service", during the sixteen years that the examination has now been in existence, is only 97.

(*b*) *The Technical Examinations.*

The total number of individual candidates registered for the three grades of examination was 6,772, of whom 125 were for the Advanced grade, 1,600 for the Intermediate, and 5,047 for the Elementary. There was an increase in the numbers registered for all three grades. Eighty-four of the candidates for the Advanced, 590 of those for the Intermediate, and 1,267 of those for the Elementary grade were pupils, who belonged to 11, 47 and 87 different institutions, respectively.

The total number of subject-candidates examined was 7,903, of whom 2,889 were successful. There was an increase in the total number of candidates both under "examined" and "passed" as also in the percentage of subject-passes for the Advanced and Intermediate grades.

Six of the subject-candidates for the Advanced grade, 40 of those for the Intermediate, and 134 of those for the Elementary were female candidates, of whom all for the Advanced grade, and 27 and 72, respectively, for the other two grades,

were successful. All the six candidates for the Advanced grade came up in Needle-work and Dress-making, while the majority of those for the Intermediate and Elementary grades took up Free-hand Outline Drawing.

The number of papers set last year for the Advanced, Intermediate and Elementary grades, respectively, was 44, 92 and 76, the number of subjects for the corresponding grades being 18, 57 and 53.

Brahmans and non-Brahman caste Hindus formed, as usual, the bulk of the subject-candidates that passed, in the case of all three grades.

Five diplomas, of which three were for Commerce, and 49 group certificates, among which there were two for Shorthand and three for Mechanical Drawing, were issued during the year.

The silver medal of the Madras Musical Association was not awarded during the year, as none of the successful candidates satisfied the conditions prescribed.

(*c*) *The Handwriting and Dictation Test for Undergraduates.*

One thousand eight hundred and ninety-four candidates appeared for the test that was held in May, and 1,024 for the test held in December as part of the Upper Secondary Examination, and 467 of the former and 274 of the latter were successful.

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

There were twenty vacancies for the grade of Civil Medical Pupil, and the number of applicants for admission to the competitive examination for this grade was 25. As in the previous year there were no Muhammadan applicants. The general education qualification required in the case of candidates for the grades of Native Military Pupil and Madras-Burma Hospital Assistant Pupil having been lowered by Government in their Order No. 237, Educational, dated the 10th April 1905, the great majority of the candidates for the competitive examination for these grades for which there were twelve and twenty-five vacancies, respectively, were men who had passed the Lower Secondary Examination. For the grade of Military Pupil, Assistant Surgeon Branch, fourteen were examined and ten were selected.

(*e*) *Special Test Examinations.*

For these examinations, 5,411 candidates in all registered their names, 4,600 presented themselves for examination and 961 passed. The numbers that were registered and examined and that passed during the previous year were 5,117, 4,386 and 1,206, respectively. The results were again very poor in the case of the Précis-writing test, in which only 127 out of 1,854 examined, or nearly 7 per cent., were successful against 9 per cent. in the previous year.

(*f*) *Special Tests for Officers of the Salt, Abkári, and Customs Department.*

For these tests, 232 candidates in all presented themselves, of whom 141 were successful against 267 and 166 respectively last year. The results were good on the whole, except in the case of Test F—Excise, in which the percentage fell from 59 to 35.

4. *Finance.*—The receipts of the Commission amounted to Rs. 75,032, or Rs. 1,00,361 less than in the previous year, the difference being due to the loss of fee income caused by the abolition of the Primary and Lower Secondary Examinations. This fact accounts also for the reduction in the expenditure which, inclusive of refunds and of the charges for printing work done at private presses, amounted to Rs. 84,109 against Rs. 1,37,200. The accounts for the year show a deficit of Rs. 9,077, which is however merely nominal, as so large a sum as Rs. 25,352 was paid during the year to meet charges on account of the Primary Examination held during 1904–1905, and the allowances due to the Chairmen and their establishments until 31st August last when their offices were finally abolished. Against this charge, there was a fee income of Rs. 10,191 received for the issue of certificates.

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

[Appendix.

APPENDIX.

(a) *Upper Secondary Examination.*

Table I.

(Compares the numbers registered, examined and passed in 1904–1905 and 1905–1906.)

Year.	Registered.	Examined.	Passed.	Percentage of passed to examined.
1904–1905	334	304	37	12
1905–1906	365	337	47	14

Table II.

(Distributes the candidates according to classes of the community.)

Classes of the community.	Registered.	Examined.	Passed.
Europeans and Eurasians	3	3	..
Native Christians	11	11	1
Muhammadans	9	8	..
Brahmans	247	229	37
Non-Brahman caste Hindus	95	86	9
Total ..	365	337	47

(b) *Technical Examinations.*

Table I.

(Shows the numbers of individual candidates registered and of subject-candidates examined and passed, and the percentage of "passed" to "examined" in 1903–1904, 1904–1905 and 1905–1906.)

Grade of examination.	Number of individual candidates registered.			Number examined (subject-candidates).			Number passed (subject-candidates).			Percentage of subject-passes.		
	1903–1904.	1904–1905.	1905–1906.	1903–1904.	1904–1905.	1905–1906.	1903–1904.	1904–1905.	1905–1906.	1903–1904.	1904–1905.	1905–1906.
Advanced	133	118	125	159	133	142	77	69	81	48·4	51·8	57·0
Intermediate	1,473	1,295	1,600	1,609	1,561	1,944	663	668	857	41·2	42·7	44·0
Elementary	4,083	4,257	5,047	4,311	4,811	5,817	1,586	1,879	1,951	36·7	39·0	33·5
Total ..	5,689	5,670	6,772	6,079	6,505	7,903	2,326	2,616	2,889	38·2	40·2	36·5

Table II.

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Advanced Grade.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	1	1	..	..
Building-Drawing and Estimating	7	1	9	2
Surveying and Levelling	7	2	3	1
Agriculture.				
Agriculture	7	3		6
Agricultural Chemistry	7	4	12	5
Forestry	..	..	1	..

Table II—*cont.*

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Advanced Grade—cont.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Commerce.				
Book-keeping	12	7	17	7
Commercial Correspondence	6	3	10	9
Commercial Geography	9	5	8	4
Shorthand	4	2	2	1
Drawing, &c.				
Free-hand Outline Drawing	23	12	18	11
Design	2	..	1	1
Geometrical Drawing	14	6	18	8
Painting	8	2	3	2
Modelling	..	..	1	1
Wood-engraving	1	1	..	..
Copper-plate Engraving	1	1	2	2
Wood-work and Metal-work.				
Cabinet-making	20	15	16	13
Metal-work	4	4	2	2
Tailoring and Dress-making.				
Needle-work and Dress-making	..	..	6	6
Total number of subject-candidates ..	133	69	142	81

Table III.

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Intermediate Grade.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	64	22	63	27
Building-Drawing and Estimating	72	9	92	24
Hydraulics and Irrigation Works	13	8	33	21
Earth-work and Road-making	5	3	36	23
Bridge-work	1	..	2	..
Surveying and Levelling	224	36	295	16
Applied Mechanics	4	2	7	..
Mensuration	49	18	17	12
Practical Plane and Solid Geometry	12	..	7	3
Carpentry	6	4	10	2
Mechanical Engineering.				
Machine Construction	1	..	..	..
Machine Drawing	9	1	8	1
Steam and the Steam-engine	1	..	..	..
Fitter's work	5	5	7	5
Electrical Engineering.				
Practical Telegraphy	2	..	4	2
Physical Science.				
Electricity and Magnetism	3	2	..	..
Inorganic Chemistry	3	1	..	..
Physiography	6	2	4	2
Biology.				
Animal Physiology	53	40	63	40

Table III—*cont.*

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Intermediate Grade—cont.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Sanitary Science.				
Hygiene	91	49	95	51
General Biology (Special)	5	1	6	1
Minor Sanitary Engineering	49	34	101	81
Pharmacy.				
Botany (Special)	..	..	1	..
Agriculture.				
Agriculture	..	..	2	1
General Chemistry	15	6	16	6
Organic Chemistry	1	..	1	..
Botany (Special)	14	8	24	17
Meteorology and Geology (Special)	4	2	11	8
Surveying and Levelling (Special)	19	10	26	14
Anatomy and Physiology (Special)	15	12	13	12
Agricultural Engineering (Special)	19	8	16	10
Veterinary Science and Hygiene (Special)	6	5	10	10
Horticulture	..	..	1	1
Forestry	24	13	19	5
Commerce.				
Book-keeping	107	43	137	54
Commercial Correspondence	67	33	100	16
Banking	47	21	40	19
Commercial Geography	17	9	23	6
Shorthand	48	5	43	5
Type-writing	98	18	134	37
Music.				
Music	1	..	3	3
Drawing, &c.				
Free-hand Outline Drawing	170	96	224	156
Design	22	11	21	12
Geometrical Drawing	83	58	82	41
Painting	16	5	32	24
Modelling	1	1	3	3
Wood-engraving	2	2	2	2
Copper-plate Engraving	1	1	2	1
Jeweller's work.				
Jeweller's work	3	3	..	..
Printing, Book-binding and Type-founding.				
Letterpress Printing—				
Compositor's work	5	2	2	2
Proof-reader's work	8	2	10	2
Press work	..	..	1	1
Printer's Warehouse work	..	..	1	..
Book-binding	1	1	..	..
Wood-work and Metal-work.				
Cabinet-making	37	30	40	36
Blacksmith's work	6	4	15	9
Metal-work	6	4	9	9
Leather work.				
Boot and Shoemaking	1	1	..	..
Textile Fabrics.				
Cotton-spinning	1	1	..	..
Cotton-weaving	1	1	7	5
Carpet-weaving	..	..	1	1
Lace-making	3	2	8	6
Tailoring and Dress-making.				
Tailoring	5	5	2	1
Needle-work and Dress-making	9	8	11	10
Embroidery	..	..	1	1
Total number of subject-candidates	1,561	668	1,944	857

Table IV.

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Elementary Grade.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	167	53	227	21
Building-Drawing and Estimating	268	19	312	67
Hydraulics and Irrigation works	43	9	74	27
Earth-work and Road-making	286	122	339	108
Bridge-work	10	4	20	8
Surveying and Levelling	154	5	154	9
Applied Mechanics	7	5	8	5
Mensuration	308	94	370	117
Practical Plane and Solid Geometry	59	20	54	15
Carpentry	52	8	32	23
Mechanical Engineering.				
Machine Construction	..	..	4	1
Machine Drawing	20	2	16	6
Steam and the Steam-engine	3	1	2	1
Fitter's work	15	8	16	11
Electrical Engineering.				
Practical Telegraphy	60	34	88	32
Physical Science.				
Electricity and Magnetism	5	1	10	5
Inorganic Chemistry	6	2	14	5
Physiography	9	2	15	6
Biology.				
Animal Physiology	13	8	21	9
Botany	7	2	15	7
Sanitary Science.				
Hygiene	223	81	195	109
Agriculture.				
Agriculture	29	17	61	37
Commerce.				
Book-keeping	249	150	309	39
Commercial Correspondence	236	153	326	88
Banking	53	34	79	55
Commercial Geography	13	9	21	15
Shorthand	144	31	235	24
Type-writing	542	128	835	140
Music.				
Music	20	9	10	8
Drawing, etc.				
Free-hand Outline Drawing	1,067	493	1,047	508
Design	105	41	121	87
Geometrical Drawing	325	96	401	82
Painting	73	61	84	63
Modelling	4	4	12	9
Jeweller's work.				
Jeweller's work	..	..	6	4
Printing, Book-binding and Type-founding.				
Letterpress Printing—				
Compositor's work	14	2	11	6
Proof-reader's work	24	6	28	6
Press work	2	2	5	3
Machine work	1	..	8	3
Printer's Warehouse work	..	..	1	..
Book-binding	1	..	7	3
Type-casting	3	1	10	4
Stereotyping	1	..	3	1

Table IV—*cont.*

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Elementary Grade—cont.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Wood-work and Metal-work.				
Cabinet-making	84	74	87	77
Blacksmith's work	16	13	20	17
Metal-work	22	16	22	19
Leather work.				
Boot and shoemaking	9	6	7	5
Textile Fabrics.				
Cotton-weaving	13	12	20	15
Carpet-weaving	6	5	6	5
Lace-making	22	22	20	14
Tailoring and Dress-making.				
Tailoring	6	6	20	16
Needle-work and Dress-making	4	4	5	2
Embroidery	8	4	4	4
Total number of subject-candidates	4,811	1,879	5,817	1,951

Table V.

(Distributes the successful candidates according to classes of the community for 1904–1905 and 1905–1906.)

Classes of the community.	Number of subject-candidates that passed.					
	Advanced grade.		Intermediate grade.		Elementary grade.	
	1904–1905.	1905–1906.	1904–1905.	1905–1906.	1904–1905.	1905–1906.
Europeans and Eurasians	4	7	24	31	106	73
Native Christians	15	13	76	94	298	291
Muhammadans	2	1	27	36	65	96
Brahmans	20	29	298	431	759	789
Non-Brahman caste Hindus	27	29	243	263	647	693
Panchamas	1	2	..	1	3	9
Burmese	..	..	..	1	1	..
Total	69	81	668	857	1,879	1,951

(c) *The Handwriting and Dictation Test for Undergraduates.*

(Table comparing the numbers examined and passed at each examination in 1904–1905 and 1905–1906.)

Year.		Examined.			Passed.			Percentage of passed to examined.
		F.A's.	Matriculates.	Total.	F.A's.	Matriculates.	Total.	
1904–1905	May	158	1,406	1,564	53	245	298	19
	December	68	1,045	1,113	29	151	180	16
1905–1906	May	151	1,743	1,894	54	413	467	25
	December	64	960	1,024	29	245	274	27

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

(Table showing the number of candidates examined and the number of vacancies advertised for each grade in 1904–1905 and 1905–1906.)

Grade.	1904–1905.		1905–1906.	
	Number examined.	Number of vacancies.	Number examined.	Number of vacancies.
Civil Medical Pupil	24	10	25	20
Native Military Pupil	50	20	20	12
Madras-Burma Hospital Assistant Pupil	32	25	97	25
Military Pupil, Assistant Surgeon Branch, Madras Command	33	3	14	10

(e) *Special Test Examinations.*

Table I.

(Compares the numbers registered, examined and passed for the five years ending with 1905–1906.)

Year.	Number registered.	Number examined.	Number passed.	Percentage of column 3 to column 2.	Percentage of passed to examined.
1900–1901	4,671	3,941	934	84·37	23·69
1901–1902	4,632	3,905	1,038	84·30	26·58
1902–1903	4,004	3,363	1,017	83·99	30·24
1904–1905	5,117	4,386	1,206	85·71	27·49
1905–1906	5,411	4,600	961	85·01	20·89

Table II.

(Compares the numbers registered, examined and passed for each test in 1904–1905 and 1905–1906.)

Designation of tests.	1904–1905.			1905–1906.		
	Number registered.	Number examined.	Number passed.	Number registered.	Number examined.	Number passed.
Précis-writing	1,671	1,581	144	1,952	1,854	127
Translation Test, Higher grade	238	223	72	248	237	74
Do. Lower do.	572	526	169	589	536	163
Account Test, Higher grade	465	373	204	434	323	150
Do. Lower do.	647	528	366	642	505	235
Civil Judicial Test	141	119	* 49	121	107	† 19
Criminal Judicial Test, Higher grade	306	221	66	296	208	43
Do. Lower do.	199	159	41	237	167	49
Revenue Test, Higher grade	294	235	48	294	229	35
Do. Lower do.	581	418	46	593	431	66
Jail Test	3	3	1	5	3	..
Total	5,117	4,386	1,206	5,411	4,600	961

* Includes six candidates who appeared for and passed the Civil Judicial Test without Civil Rules of Practice.

† Do. three do. do. do. do. do.

(f) Special Tests for Officers of the Salt, Abkári, and Customs Department.

(Table comparing the numbers examined and passed for each test in 1904–1905 and 1905–1906.)

Designation of tests.	Number examined.		Number passed.		Percentage of passed to examined.	
	1904–1905.	1905–1906.	1904–1905.	1905–1906.	1904–1905.	1905–1906.
Test A—Criminal Law	27	37	21	26	78	70
,, B—Salt	62	70	40	42	65	60
,, C—Accounts	26	31	22	25	85	81
,, D—Engineering	21	17	13	11	62	65
,, F—Excise	61	34	36	12	59	35
,, G—Customs	70	43	34	25	49	58
Total ..	267	232	166	141	62	61

Finance.

Table I.

(Compares the receipts for 1904–1905 and 1905–1906.)

Examinations.	Actuals, 1904–1905.	Revised estimate, 1905–1906.	Budget estimate, 1905–1906.	Actuals, 1905–1906.
	Rs.	Rs.	Rs.	Rs.
Primary and the Fifth and Sixth Standard Examinations ..	51,903	10,100	46,900	10,191
Lower Secondary Examination	63,039	200	52,800	157
Upper do. do.	3,115	3,100	2,800	3,113
Handwriting and Dictation Test for Undergraduates	9,315	9,000	9,000	9,437
Technical Examinations	16,433	18,000	14,000	18,460
Medical Entrance Examinations	490	900	500	1,191
Special and Salt and Abkári Test Examinations	31,098	32,500	29,000	32,483
Total ..	1,75,393	73,800	1,55,000	75,032

Table II.

(Compares the charges for 1904–1905 and 1905–1906.)

Examinations.	Actuals for 1904–1905.	Actuals for 1905–1906.			
		Stipends.	Contingencies, and temporary establishments of Primary Examination Boards.	Travelling allowance.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
Primary and the Fifth and Sixth Standard Examinations	27,381	20,833	1,719	2,800	25,352
Lower Secondary Examination	54,229	502	1,665	..	6,472
Upper do. do.		2,978			
Handwriting and Dictation Test for Undergraduates		1,327			
Technical Examinations	28,784	20,885	6,836	..	27,721
Medical Entrance Examinations	527	433	72	..	505
Special and Salt and Abkári Test Examinations ..	12,968	9,687	3,063	..	12,750
Refunds	187	..	..	..	392
Printing charges	1,716	..	..	..	1,149
General—					
Secretary	4,200	..	..	..	4,200
Office Establishment, Permanent	6,580	..	..	..	4,538
Do Temporary	250	..	..	..	250
Office Contingencies	378	..	..	..	349
Office Travelling Allowance	..	..	..	31	31
Total ..	1,37,200	56,645	13,355	2,831	84,109

Order—No. 549, Educational, dated 16th August 1906.

Recorded.

(True Extract.)

H. D. Taylor,
Ag. Secretary to Government.

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

NOTES CONNECTED WITH G.O., No. 549, EDUCATIONAL, DATED 16TH AUGUST 1906.

[SUBJECT.—*Report on the examinations under the control of the Commissioner for Government Examinations held during* 1905–1906.]

From the Commissioner for Government Examinations, No. 210/1-*D., dated 8th August* 1906.

The report does not seem to call for any special remarks.

2. The draft order placed below is submitted for approval. The report will be placed on Editors' Table as usual.

P.R.—11-8-06.

P. T. THARYAN—13-8-06.

A | The report which contains no striking feature (except perhaps the financial results of the abolition of the Primary and Lower Secondary examinations—paragraph 4), may be recorded and placed on Editors' Table.

C. G. MACKAY—13-8-06.

A A lower income of about Rs. 1 lakh, and a less expenditure of Rs. 53,000. Net loss Rs. 47,000.

H. D. TAYLOR—14-8-06.

G. S. F[ORBES]—15-8-06.

Issue.

H. D. TAYLOR—16-8-06.

[G.O., No. 549, Educational, dated 16th August 1906.]

[E.]
1,500—12-12

EDUCATIONAL DEPARTMENT.

CURRENT FILE.

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PAPERS PUT UP WITH CURRENT No. _____

Papers of the department to which the current belongs.

Number.	Date.	Original (=O) or spare copy (=S. C.).	Remarks. (In this column such of the papers as have been removed for copying, printing, &c., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department.
63R.	20-3-06.	Docket		
569	18-8-05.	SC		
443	29.6.05	SC		
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237	10-4-05	O.		

Papers of other departments.

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No. 210/1D

Station Madras , Dated the 8th August 1906.

COMMISSIONER FOR GOVERNMENT EXAMINATIONS, MADRAS. DESPATCHED 9 AUG 1906

From (Name) The Hon'ble Mr. A. G. Bourne, D.Sc, F.R.S.,

(Designation) Commissioner for Government Examinations,

To The Secretary to the Government of Madras,
Educational Department.

Sir,

No. $\frac{210}{ID.}$

OFFICE OF THE COMMISSIONER
FOR GOVERNMENT EXAMINATIONS,
MADRAS, 8*th August* 1906.

From

THE HON'BLE MR. A. G. BOURNE, D.Sc., F.R.S.,
COMMISSIONER FOR GOVERNMENT EXAMINATIONS,
Madras,

To

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
EDUCATIONAL DEPARTMENT.

SIR,

I have the honour to submit my report on the examinations under the control of the Commissioner that were held during the year 1905–1906. Mr. Messinier having retired from the service on the afternoon of the 31st March 1906, Mr. T. R. Scott succeeded him as Secretary.

2. The Primary and Lower Secondary Examinations having been abolished by Government in their orders Nos. 409 and 443, Educational, of the 15th and the 29th June 1905, respectively, there were eight examinations in all held at various centres in the Presidency against ten in the previous year. Of these, the Technical Examinations were held also in the Native States of Travancore and Mysore.

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

(*a*) *The Upper Secondary Examination.*

The total number of candidates that registered their names for the compulsory test was 365. Of this number, only 337 presented themselves for examination, of whom 222 were pupil candidates who came up from 58 different institutions. Forty-seven candidates were successful, 33 of them being pupils. As many as 229 of the number examined and as many as 37 of the number that passed were Brahmans. Only two of the candidates examined were female candidates and they failed.

Seventeen candidates appeared for examination in a second language only, of whom ten passed.

Thirteen candidates completed their success last year. Including these, the total number of candidates that have passed the Upper Secondary Examination and have so qualified themselves for appointments on Rs. 15 and upwards in "superior service", during the sixteen years that the examination has now been in existence, is only 97.

(*b*) *The Technical Examinations.*

The total number of individual candidates registered for the three grades of examination was 6,772, of whom 125 were for the Advanced grade, 1,600 for the Intermediate, and 5,047 for the Elementary. There was an increase in the numbers registered for all three grades. Eighty-four of the candidates for the Advanced, 590 of those for the Intermediate, and 1,267 of those for the Elementary grade were pupils, who belonged to 11, 47 and 87 different institutions, respectively.

The total number of subject-candidates examined was 7,903, of whom 2,889 were successful. There was an increase in the total number of candidates both under "examined" and "passed" as also in the percentage of subject-passes for the Advanced and Intermediate grades.

Six of the subject-candidates for the Advanced grade, 40 of those for the Intermediate, and 134 of those for the Elementary were female candidates, of whom all for the Advanced grade, and 27 and 72, respectively, for the other two grades, were successful. All the six candidates for the Advanced grade came up in Needle-work and Dress-making, while the majority of those for the Intermediate and Elementary grades took up Free-hand Outline Drawing.

The number of papers set last year for the Advanced, Intermediate and Elementary grades, respectively, was 44, 92 and 76, the number of subjects for the corresponding grades being 18, 57 and 53.

Brahmans and non-Brahman caste Hindus formed, as usual, the bulk of the subject-candidates that passed, in the case of all three grades.

Five diplomas, of which three were for Commerce, and 49 group certificates, among which there were two for Shorthand and three for Mechanical Drawing, were issued during the year.

The silver medal of the Madras Musical Association was not awarded during the year, as none of the successful candidates satisfied the conditions prescribed.

(*c*) *The Handwriting and Dictation Test for Undergraduates.*

One thousand eight hundred and ninety-four candidates appeared for the test that was held in May, and 1,024 for the test held in December as part of the Upper Secondary Examination, and 467 of the former and 274 of the latter were successful.

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

There were twenty vacancies for the grade of Civil Medical Pupil, and the number of applicants for admission to the competitive examination for this grade was 25. As in the previous year there were no Muhammadan applicants. The general education qualification required in the case of candidates for the grades of Native Military Pupil and Madras-Burma Hospital Assistant Pupil having been lowered by Government in their Order No. 237, Educational, dated the 10th April 1905, the great majority of the candidates for the competitive examination for these grades for which there were twelve and twenty-five vacancies, respectively, were men who had passed the Lower Secondary Examination. For the grade of Military Pupil, Assistant Surgeon Branch, fourteen were examined and ten were selected.

(*e*) *Special Test Examinations.*

For these examinations, 5,411 candidates in all registered their names, 4,600 presented themselves for examination and 961 passed. The numbers that were registered and examined and that passed during the previous year were 5,117, 4,386 and 1,206, respectively. The results were again very poor in the case of the Précis-writing test, in which only 127 out of 1,854 examined, or nearly 7 per cent., were successful against 9 per cent. in the previous year.

(*f*) *Special Tests for Officers of the Salt, Abkári, and Customs Department.*

For these tests, 232 candidates in all presented themselves, of whom 141 were successful against 267 and 166 respectively last year. The results were good on the whole, except in the case of Test F—Excise, in which the percentage fell from 59 to 35.

4. *Finance.*—The receipts of the commission amounted to Rs. 75,032, or Rs. 1,00,361 less than in the previous year, the difference being due to the loss of fee income caused by the abolition of the Primary and Lower Secondary Examinations. This fact accounts also for the reduction in the expenditure which, inclusive of refunds and of the charges for printing work done at private presses, amounted to Rs. 84,109 against Rs. 1,37,200. The accounts for the year show a deficit of Rs. 9,077, which is however merely nominal, as so large a sum as Rs. 25,352 was paid during the year to meet charges on account of the Primary Examination held during 1904–1905, and the allowances due to the Chairmen and their establishments until 31st August last when their offices were finally abolished. Against this charge, there was a fee income of Rs. 10,191 received for the issue of certificates.

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

I have the honour to be,
Sir,
Your most obedient servant,

J R Scott
For Commissioner.

APPENDIX.

(a) *Upper Secondary Examination.*

Table I.

(Compares the numbers registered, examined and passed in 1904–1905 and 1905–1906.)

Year.	Registered.	Examined.	Passed.	Percentage of passed to examined.
1904–1905	334	304	37	12
1905–1906	365	337	47	14

Table II.

(Distributes the candidates according to classes of the community.)

Classes of the community.	Registered.	Examined.	Passed.
Europeans and Eurasians	3	3	..
Native Christians	11	11	1
Muhammadans	9	8	..
Brahmans	247	229	37
Non-Brahman caste Hindus	95	86	9
Total ..	365	337	47

(b) *Technical Examinations.*

Table I.

(Shows the numbers of individual candidates registered and of subject-candidates examined and passed, and the percentage of "passed" to "examined" in 1903–1904, 1904–1905 and 1905–1906.)

Grade of examination.	Number of individual candidates registered.			Number examined (subject-candidates).			Number passed (subject-candidates).			Percentage of subject-passes.		
	1903–1904.	1904–1905.	1905–1906.	1903–1904.	1904–1905.	1905–1906.	1903–1904.	1904–1905.	1905–1906.	1903–1904.	1904–1905.	1905–1906.
Advanced	133	118	125	159	133	142	77	69	81	48·4	51·8	57·0
Intermediate	1,473	1,295	1,600	1,609	1,561	1,944	663	668	857	41·2	42·7	44·0
Elementary	4,083	4,257	5,047	4,311	4,811	5,817	1,586	1,879	1,951	36·7	39·0	33·5
Total ..	5,689	5,670	6,772	6,079	6,505	7,903	2,326	2,616	2,889	38·2	40·2	36·5

Table II.

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Advanced Grade.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	1	1	..	..
Building-Drawing and Estimating	7	1	9	2
Surveying and Levelling	7	2	3	1
Agriculture.				
Agriculture	7	3	13	6
Agricultural Chemistry	7	4	12	5
Forestry	..	..	1	..

Table II—*cont.*

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Advanced Grade—cont.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Commerce.				
Book-keeping	12	7	17	7
Commercial Correspondence	6	3	10	9
Commercial Geography	9	5	8	4
Shorthand	4	2	2	1
Drawing, &c.				
Free-hand Outline Drawing	23	12	18	11
Design	2	..	1	1
Geometrical Drawing	14	6	18	8
Painting	8	2	3	2
Modelling	..	..	1	1
Wood-engraving	1	1	..	..
Copper-plate Engraving	1	1	2	2
Wood-work and Metal-work.				
Cabinet-making	20	15	16	13
Metal-work	4	4	2	2
Tailoring and Dress-making.				
Needle-work and Dress-making	..	..	6	6
Total number of subject-candidates ..	133	69	142	81

Table III.

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Intermediate Grade.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	64	22	63	27
Building-Drawing and Estimating	72	9	92	24
Hydraulics and Irrigation Works	13	8	33	21
Earth-work and Road-making	5	3	36	23
Bridge-work	1	..	2	..
Surveying and Levelling	224	36	295	16
Applied Mechanics	4	2	7	..
Mensuration	49	18	17	12
Practical Plane and Solid Geometry	12	..	7	3
Carpentry	6	4	10	2
Mechanical Engineering.				
Machine Construction	1	..	..	..
Machine Drawing	9	1	8	1
Steam and the Steam-engine	1	..	..	..
Fitter's work	5	5	7	5
Electrical Engineering.				
Practical Telegraphy	2	..	4	2
Physical Science.				
Electricity and Magnetism	3	2	..	..
Inorganic Chemistry	3	1	..	..
Physiography	6	2	4	2
Biology.				
Animal Physiology	53	40	63	40

TABLE III—*cont.*

(Shows the numbers examined and passed in the subjects brought up under each group in 1904-1905 and 1905-1906.)

Intermediate Grade—cont.

Subjects.	1904-1905.		1905-1906.	
	Examined.	Passed.	Examined.	Passed.
Sanitary Science.				
Hygiene	91	49	95	51
General Biology (Special)	5	1	6	1
Minor Sanitary Engineering	49	34	101	81
Pharmacy.				
Botany (Special)	..	..	1	..
Agriculture.				
Agriculture	..	..	2	1
General Chemistry	15	6	16	6
Organic Chemistry	1	..	1	..
Botany (Special)	14	8	24	17
Meteorology and Geology (Special)	4	2	11	8
Surveying and Levelling (Special)	19	10	26	14
Anatomy and Physiology (Special)	15	12	13	12
Agricultural Engineering (Special)	19	8	16	10
Veterinary Science and Hygiene (Special)	6	5	10	10
Horticulture	..	..	1	1
Forestry	24	13	19	5
Commerce.				
Book-keeping	107	43	137	54
Commercial Correspondence	67	33	100	16
Banking	47	21	40	19
Commercial Geography	17	9	23	6
Shorthand	48	5	43	5
Type-writing	98	18	134	37
Music.				
Music	1	..	3	3
Drawing, &c.				
Free-hand Outline Drawing	170	96	224	156
Design	22	11	21	12
Geometrical Drawing	83	58	82	41
Painting	16	5	32	24
Modelling	1	1	3	3
Wood-engraving	2	2	2	2
Copper-plate Engraving	1	1	2	1
Jeweller's work.				
Jeweller's work	3	3	..	..
Printing, Book-binding and Type-founding.				
Letterpress Printing—				
Compositor's work	5	2	2	2
Proof-reader's work	8	2	10	2
Press work	..	..	1	1
Printer's Warehouse work	..	..	1	..
Book-binding	1	1	..	..
Wood-work and Metal-work.				
Cabinet-making	37	30	40	36
Blacksmith's work	6	4	15	9
Metal-work	6	4	9	9
Leather work.				
Boot and Shoemaking	1	1	..	..
Textile Fabrics.				
Cotton-spinning	1	1	..	..
Cotton-weaving	1	1	7	5
Carpet-weaving	..	..	1	1
Lace-making	3	2	8	6
Tailoring and Dress-making.				
Tailoring	5	5	2	1
Needle-work and Dress-making	9	8	11	10
Embroidery	..	..	1	1
Total number of subject-candidates	1,561	668	1,944	857

TABLE IV.

(Shows the numbers examined and passed in the subjects brought up under each group in 1904-1905 and 1905-1906.)

Elementary Grade.

Subjects.	1904-1905.		1905-1906.	
	Examined.	Passed.	Examined.	Passed.
Civil Engineering.				
Building Materials and Construction	167	53	227	21
Building-Drawing and Estimating	268	19	312	67
Hydraulics and Irrigation works	43	9	74	27
Earth-work and Road-making	286	122	339	108
Bridge-work	10	4	20	8
Surveying and Levelling	154	5	154	9
Applied Mechanics	7	5	8	5
Mensuration	308	94	370	117
Practical Plane and Solid Geometry	59	20	54	15
Carpentry	52	8	32	23
Mechanical Engineering.				
Machine Construction	..	..	4	1
Machine Drawing	20	2	16	6
Steam and the Steam-engine	3	1	2	1
Fitter's work	15	8	16	11
Electrical Engineering.				
Practical Telegraphy	60	34	88	32
Physical Science.				
Electricity and Magnetism	5	1	10	5
Inorganic Chemistry	6	2	14	5
Physiography	9	2	15	6
Biology.				
Animal Physiology	13	8	21	9
Botany	7	2	15	7
Sanitary Science.				
Hygiene	223	81	195	109
Agriculture.				
Agriculture	29	17	61	37
Commerce.				
Book-keeping	249	150	309	39
Commercial Correspondence	236	153	326	88
Banking	53	34	79	55
Commercial Geography	13	9	21	15
Shorthand	144	31	235	24
Type-writing	542	128	835	140
Music.				
Music	20	9	10	8
Drawing, etc.				
Free-hand Outline Drawing	1,067	493	1,047	508
Design	105	41	121	87
Geometrical Drawing	325	96	401	82
Painting	73	61	84	63
Modelling	4	4	12	9
Jeweller's work.				
Jeweller's work	..	..	6	4
Printing, Book-binding and Type-founding.				
Letterpress Printing—				
Compositor's work	14	2	11	6
Proof-reader's work	24	6	28	6
Press work	2	2	5	3
Machine work	1	..	8	3
Printer's Warehouse work	..	..	1	..
Book-binding	1	..	7	3
Type-casting	3	1	10	4
Stereotyping	1	..	3	1

TABLE IV—*cont.*

(Shows the numbers examined and passed in the subjects brought up under each group in 1904–1905 and 1905–1906.)

Elementary Grade—cont.

Subjects.	1904–1905.		1905–1906.	
	Examined.	Passed.	Examined.	Passed.
Wood-work and Metal-work.				
Cabinet-making	84	74	87	77
Blacksmith's work	16	13	20	17
Metal-work	22	16	22	19
Leather work.				
Boot and shoemaking	9	6	7	5
Textile Fabrics.				
Cotton-weaving	13	12	20	15
Carpet-weaving	6	5	6	5
Lace-making	22	22	20	14
Tailoring and Dress-making.				
Tailoring	6	6	20	16
Needle-work and Dress-making	4	4	5	2
Embroidery	8	4	4	4
Total number of subject-candidates	4,811	1,879	5,817	1,951

TABLE V.

(Distributes the successful candidates according to classes of the community for 1904–1905 and 1905–1906.)

Classes of the community.	Number of subject-candidates that passed.					
	Advanced grade.		Intermediate grade.		Elementary grade.	
	1904–1905.	1905–1906.	1904–1905.	1905–1906.	1904–1905.	1905–1906.
Europeans and Eurasians	4	7	24	31	106	73
Native Christians	15	13	76	94	298	291
Muhammadans	2	1	27	36	65	96
Brahmans	20	29	298	431	759	789
Non-Brahman caste Hindus	27	29	243	263	647	693
Panchamas	1	2	..	1	3	9
Burmese	..	..	..	1	1	..
Total	69	81	668	857	1,879	1,951

(c) *The Handwriting and Dictation Test for Undergraduates.*

(Table comparing the numbers examined and passed at each examination in 1904–1905 and 1905–1906.)

Year.		Examined.			Passed.			Percentage of passed to examined.
		F.A's.	Matriculates.	Total.	F.A's.	Matriculates.	Total.	
1904–1905	May	158	1,406	1,564	53	245	298	19
	December	68	1,045	1,113	29	151	180	16
1905–1906	May	151	1,743	1,894	54	413	467	25
	December	64	960	1,024	29	245	274	27

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

(Table showing the number of candidates examined and the number of vacancies advertised for each grade in 1904–1905 and 1905–1906.)

Grade.	1904–1905.		1905–1906.	
	Number examined.	Number of vacancies.	Number examined.	Number of vacancies.
Civil Medical Pupil	24	10	25	20
Native Military Pupil	50	20	20	12
Madras-Burma Hospital Assistant Pupil	32	25	97	25
Military Pupil, Assistant Surgeon Branch, Madras Command	33	3	14	10

(e) *Special Test Examinations.*

TABLE I.

(Compares the numbers registered, examined and passed for the five years ending with 1905–1906.)

Year.	Number registered.	Number examined.	Number passed.	Percentage of column 3 to column 2.	Percentage of passed to examined.
1900–1901	4,671	3,941	934	84·37	23·69
1901–1902	4,632	3,905	1,038	84·30	26·58
1902–1903	4,004	3,363	1,017	83·99	30·24
1904–1905	5,117	4,386	1,206	85·71	27·49
1905–1906	5,411	4,600	961	85·01	20·89

TABLE II.

(Compares the numbers registered, examined and passed for each test in 1904–1905 and 1905–1906.)

Designation of tests.	1904–1905.			1905–1906.		
	Number registered.	Number examined.	Number passed.	Number registered.	Number examined.	Number passed.
Précis-writing	1,671	1,581	144	1,952	1,854	127
Translation Test, Higher grade	238	223	72	248	237	74
Do. Lower do.	572	526	169	589	536	163
Account Test, Higher grade	465	373	204	434	323	150
Do. Lower do.	647	528	366	642	505	235
Civil Judicial Test	141	119	* 49	121	107	† 19
Criminal Judicial Test, Higher grade	306	221	66	296	208	43
Do. Lower do.	199	159	41	237	167	49
Revenue Test, Higher grade	294	235	48	294	229	35
Do. Lower do.	581	418	46	593	431	66
Jail Test	3	3	1	5	3	..
Total	5,117	4,386	1,206	5,411	4,600	961

* Includes six candidates who appeared for and passed the Civil Judicial Test without Civil Rules of Practice.

† Do. three do. do. do. do. do.

(f) Special Tests for Officers of the Salt, Abkári, and Customs Department.

(Table comparing the numbers examined and passed for each test in 1904–1905 and 1905–1906.)

Designation of tests.	Number examined.		Number passed.		Percentage of passed to examined.	
	1904–1905.	1905–1906.	1904–1905.	1905–1906.	1904–1905.	1905–1906.
Test A—Criminal Law	27	37	21	26	78	70
,, B—Salt	62	70	40	42	65	60
,, C—Accounts	26	31	22	25	85	81
,, D—Engineering	21	17	13	11	62	65
,, F—Excise	61	34	36	12	59	35
,, G—Customs	70	43	34	25	49	58
Total	267	232	166	141	62	61

Finance.

TABLE I.

(Compares the receipts for 1904–1905 and 1905–1906.)

Examinations.	Actuals, 1904–1905.	Revised estimate, 1905–1906.	Budget estimate, 1905–1906.	Actuals, 1905–1906.
	RS.	RS.	RS.	RS.
Primary and the Fifth and Sixth Standard Examinations	51,903	10,100	46,900	10,191
Lower Secondary Examination	63,039	200	52,800	157
Upper do. do.	3,115	3,100	2,800	3,113
Handwriting and Dictation Test for Undergraduates	9,315	9,000	9,000	9,437
Technical Examinations	16,433	18,000	14,000	18,460
Medical Entrance Examinations	490	900	500	1,191
Special and Salt and Abkári Test Examinations	31,098	32,500	29,000	32,483
Total	1,75,393	73,800	1,55,000	75,032

TABLE II.

(Compares the charges for 1904–1905 and 1905–1906.)

Examinations.	Actuals for 1904–1905.	Actuals for 1905–1906.			
		Stipends.	Contingencies, and temporary establishments of Primary Examination Boards.	Travelling allowance.	Total.
	RS.	RS.	RS.	RS.	RS.
Primary and the Fifth and Sixth Standard Examinations	27,381	20,833	1,719	2,800	25,352
Lower Secondary Examination	54,229	502	1,665	..	6,472
Upper do. do.		2,978			
Handwriting and Dictation Test for Undergraduates		1,327			27,721
Technical Examinations	28,784	20,885	6,836	..	505
Medical Entrance Examinations	527	433	72	..	12,750
Special and Salt and Abkári Test Examinations	12,968	9,687	3,063	..	392
Refunds	187	..	..	..	1,149
Printing charges	1,716	..	..	..	
General—					4,200
Secretary	4,200	..	..	..	4,538
Office Establishment, Permanent	6,580	..	..	..	250
Do Temporary	250	..	..	..	349
Office Contingencies	378	..	..	31	31
Office Travelling Allowance	..	..	..		
Total	1,37,200	56,645	13,355	2,831	84,109

[Notes connected with C.S. No. 540 of 16-8-06]

[E. / 2. —] 1,000—29-5-06.

EDUCATIONAL DEPARTMENT.

C. No. 1320 From the C. of E. No. 210/1-15, dated 8-8-1906.

SUBJECT.

Report on the Examinations under the C. of E. held during 1905-06

Pass
Please print
& show proof
Lbf
16/8/06

The Report does not seem to call for any special remarks.

2. The draft order placed below is submitted for approval. ~~For orders as to whether~~ The Report should be placed on E.T. as usual.

H B R
14/8/06

Pg
13/8/06

What does 'S' (?) mean. Yes. As advised. Do not adopt formulae. Plus sur 87

Ask Please note the word See. Examiners 4, 5, 6 & 7 Spec

16.8.06

(5) The Report which contains no striking features (except perhaps the financial result of the abolition of the Primary & Lower Secondary Examinations - para 4) may be recorded & placed on E.T.

13.8.06

A. A lower income of about Rs 1 lakh, and a less expenditure of Rs 53000 - net loss - Rs 47000.

14.8.06

[Corbett]

15/8

14.8.06

[Enc: Note 549/85 dy 16-8-06]

[E. / 12]
1,000—2-3-06.

Educational DEPARTMENT.

READ AGAIN G.O., No. , dated 190 .

" " " " , " 190 .

READ ALSO:—

C. No. 1320, From the C. & E. , No. 219/1-D., dated 8-8- 1906.

" " , " " , " , " 190

" " , " " , " , " 190

ORDER. No. 549, dated 16-8- 1906.

D.S.

Recorded.

To,
The C. & E. ✓
" D. P. I ✓
" A-G. ✓
" Judl: Depts ✓
" Revenue depts ✓
E. T.

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190...

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