

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

Regd.

} 1908.

Enclosures

Spare copies

G.O., No. 815, 14th December 1908.

Forestry Tests.

Abolishing the — both Intermediate and Advanced grade.

Government of Madras.

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GOVERNMENT OF MADRAS.
EDUCATIONAL DEPARTMENT.

READ—the following papers :—

I

Letter—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., C.I.E., Director of Public Instruction.

To—the Secretary to Government, Educational Department.

Dated—Madras, the 22nd August 1908.

No.—Ref. on Cur. 2369/08.

In submitting a copy each of the enclosed resolutions of the Board of Revenue, Forest Nos. 31 and 121, dated 5th February and 29th June 1908, respectively, I have the honour to request that the sanction of Government may be obtained for (1) the introduction, with effect from 1909, of the revised syllabus for the Forestry test, Intermediate grade, set out in the former of the Board's Proceedings referred to above; (2) the transfer of the control over the examination from the Commissioner for Government Examinations to the Board of Revenue (Land Revenue), Forest; and (3) the abolition of the Forestry test, Advanced grade.

It is proposed to abolish even the Intermediate test in Forestry on the establishment of a Forest College at Coimbatore.

ENCLOSURES.

I

Proceedings of the Board of Revenue (Land Revenue), Forest No. 31, dated 5th February 1908.

Read—the following papers :—

(i)

Proceedings of the Board of Revenue (Land Revenue), Forest No. 317, dated 20th April 1907.

ABSTRACT.—Communicating to the Conservators of Forests Government Order sanctioning the purchase of 170 copies of Mr. Jackson's Manual of Sylviculture.

(ii)

Letter—from C. E. BRASIER, Esq., Conservator of Forests Central Circle.

To—the Secretary to the Commissioners of Land Revenue.

Dated—the 12th April 1907.

No.—Cur. 1161.

In reply to Board's Forest Reference No. 3409/06-2, dated 26th March 1907, paragraph 3, I have the honour to state that I approve of Mr. Lushington's suggestion to effect that the manual should be prescribed as one of the text-books for the Forestry test.

(iii)

Letter—from F. A. LODGE, Esq., Conservator of Forests, Southern Circle.

To—the Secretary to the Commissioners of Land Revenue.

Dated—Coimbatore, the 15th April 1907.

No.—Cur. 1181.

With reference to paragraph 3 of Board's Forest Reference No. 3409/06-2, dated 26th March 1907, I have the honour to report that about four or five years ago when I was examiner in Forestry, I suggested some modifications in the syllabus which I believe have not been carried out. The whole syllabus needs revision, and when revised, the most modern text-books available at a low price should be prescribed. Mr. Jackson's Manual of Sylviculture would certainly be suitable as a text-book.

(iv)

Reference from the Board of Revenue (Land Revenue), Forest No. 940, dated 23rd May 1907.

With reference to his Cur. No. 1181 of 1907, dated 15th April 1907, Mr. Lodge, Conservator of Forests, Southern Circle, is requested to repeat the suggestions which he made four or five years ago in regard to the revision of the syllabus for the Forestry test.

A. R. LOFTUS-TOTTENHAM,
Secretary.

To the Conservator of Forests, Southern Circle.

(v)

Letter—from F. A. LODGE, Esq., Conservator of Forests, Southern Circle.

To—the Secretary to the Commissioners of Land Revenue.

Dated—the 2nd June 1907.

No.—Cur. 1181.

In reply to Forest Reference No. 940, dated 23rd May 1907, I regret that I am unable to repeat the suggestions made by me four or five years ago in regard to the revision of the syllabus for the Forestry test as I have no office copy of my letter on the subject addressed to the Secretary to the Commissioner for Government Examinations when reporting on the examination in 1902 or 1903; no doubt the letter can be produced from the office of receipt. My suggestions referred principally to the revision of the list of books recommended; a list of the up-to-date text-books on the various subjects included in the examination could be obtained from the Principal of the Dehra Dun Forest College.

(vi)

Reference from the Board of Revenue (Land Revenue), Forest No. 896, dated 20th June 1907.

The Board understands that when reporting on the Government Technical examination in the Forestry test in 1902 or 1903, Mr. F. A. Lodge, Conservator of Forests, made certain suggestions in regard to the revision of the syllabus for the test and the list of books recommended therefor. The Secretary to the Commissioner for the Government Examinations is requested to be so good as to furnish the Board with a copy of Mr. Lodge's letter containing these suggestions.

A. R. LOFTUS-TOTTENHAM,
Secretary.

To the Secretary to the Commissioner for Government Examinations.

(vii)

Letter—from T. R. SCOTT, Esq., B.A., Secretary to the Commissioner for Government Examinations, Madras.

To—the Secretary to the Commissioners of Land Revenue.

Dated—the 7th August 1907.

No.—431/4-D.

With reference to Forest Reference No. 896, dated 20th June 1907, I have the honour, by direction, to forward a copy of Mr. Lodge's letter of the 6th September 1902 suggesting revision of the list of text-books, etc., prescribed for the Intermediate examination in Forestry, together with a copy of the syllabus for Forestry.

Letter—from F. A. LODGE, Esq., Conservator of Forests, Southern Circle.
Dated—Salem, the 6th September 1902.

On looking over the list of books recommended for the Intermediate examination in Forestry, I find it is rather out of date and I take the liberty of suggesting the following revised list :—

- (1) Sylviculture by Baguens (translated by Fernandez and Smythers).
- (2) Manual of Forestry by Schlich.
- (3) Forest Engineering by Rogers.
- (4) One of the simple standard works on Survey (I have not one by me to quote).

I would also strike out "permit system" and "located fellings" from the syllabus, and substitute "*Methods of felling, conversion and realization*". Sale of standing growth in bulk and in detail; supervision of felling and removal by purchasers; departmental felling; checks on workmen and contractors; comparative advantages of payment by weight, bulk or area; charcoal burning.

Regeneration.—Natural and artificial; coppice simple and with standards; regeneration fellings in high forest; improvement fellings; thinnings; nurseries; sub-division of area under regeneration."

[Revised up to 13th January 1897.]

Government of Madras Technical Examinations.

FORESTRY.

INTERMEDIATE EXAMINATION.

1. *Survey*.—Plane table; compass and chain. Plotting with scales and protractor; use of ghat tracer.
2. *Fire protection*.—Its uses; systems adopted; cost of line clearing and burning seasons; work of patrols; their supervision; extinguishing fires.
3. *Demarcation*.—Different systems; exterior and interior lines; chief materials for marking stations; method of erection; numbering; major and minor stations; cost of preliminary and final demarcation.
4. *Forest subordinates*.—Duties and supervision.
5. *Permit system*.—For timber and minor forest produce; duty of all officers concerned in its working and check; advantages and disadvantages of the system compared with departmental working.
6. *Grazing*.—Advantages or disadvantages of lease system as compared with the permit system; method of supervision; limiting number of cattle; effect of grazing on forests; goat browsing.
7. *Located fellings*.—Position how and why chosen; fellings by departmental system and by contract; coppice, simple, and with standard trees; improvement fellings; clean fellings; supervision; making of charcoal; regulation of grazing in felled areas.
8. *Timber*.—Chief kinds and uses; felling and conversion; measurement of logs and firewood; transport by road and river; forest depots; sale depots.
9. *Bamboos and chief minor forest products*.—Method of treatment and sale; chief markets and uses.
10. *Reproduction*.—Natural and artificial; nurseries; sowing; planting.
11. *Communications*.—Bridle-paths and forest roads; choosing line and construction, cost; small bridges and culverts, cost.
12. *Buildings*.—Choosing site, materials; construction and cost of tannah and forest guard's houses, depot sheds and other small buildings.

The examination shall comprise—

- (1) A written examination.
One paper of three hours' duration.
- (2) An oral and practical examination which shall include the recognition of woods and other products, the use of tools, the measurement of timber and the like, and shall be such as to test the candidates' powers of careful observation and accurate description.

The distribution of marks and the minima required for passing shall be as follows:—

	Max.	Min. for passing.	
		1st class.	2nd class.
Written examination	50	..	..
Oral and practical examination	50	35	25
Total	100	65	45

ADVANCED EXAMINATION.

Books recommended.—Baguen's Elements of Sylviculture, translated by Messrs. Fernandez and Smythers. Mac-Grigor's Organization and Valuation of Forests. Grigor's Arboriculture. Hough's Elements of Forestry. Brandis' Forest Flora of North-Western and Central India. Ribbentrop's Arboriculture in the Punjab. Or other similar works. And the various official Indian publications on the subject.

(viii)

Reference from the Board of Revenue (Land Revenue), Forest No. 896/07-2, dated 14th August 1907.

Mr. Lodge's suggestion in regard to the revision of the syllabus for the Forestry test contained in his letter, dated 6th September 1902, will be referred to the Conservators of Forests, Central and Northern Circles, for remarks.

A. R. LOFTUS-TOTTENHAM,
Secretary.

To the Conservators of Forests, Central and Northern Circles,
with one copy of the Syllabus revised up to 13th January 1897 to each.
Copy to the Conservator of Forests, Southern Circle,
with one copy of Syllabus.

(ix)

Letter—from T. P. PEAKE, Esq., Acting Conservator of Forests, Central Circle.
To—the Secretary to the Commissioners of Land Revenue.
Dated—Madras, the 27th August 1907.
No.—Cur. 2611.

In reply to the Board's Forest Reference No. 896/07-2, dated 14th August 1907, I have the honour to say that I agree with the suggestions and after careful perusal of them and the syllabus, have no remarks or additional suggestions to make.

(x)

Letter—from A. W. LUSHINGTON, Esq., Conservator of Forests, Northern Circle.
To—the Secretary to the Commissioners of Land Revenue.
Dated—Camp Guntakal, the 19th September 1907.
No.—R.C. 2222.

With reference to Board's Forest Reference No. 896/07-2, dated 14th August 1907, I have the honour to state that the question of the Forestry syllabus was mooted at the Conference of the Imperial officers of the Northern Circle, held at Waltair, 19th to 22nd December 1906, sanctioned by the Board (in the Proceedings, Forest Mis. No. 1251, dated 27th November 1906), and it was then agreed—

- (1) that a revision of the syllabus is advisable,
- (2) that a text-book for the use of students ought to be compiled.

2. In connection with the first point, all District Forest-officers were addressed on the subject and the *annexe* is the précis of their replies.

3. I have the honour to state that I consider Mr. Cox's suggestions exceedingly good; there is one point I think might be added to the beginning of his paragraph (7) of the syllabus, that is: "The principal organs of a plant and their commoner forms", for although I do not think at this stage it is necessary for the would-be Deputy Rangers to have a thorough knowledge of Botany yet they ought to know (a) what is meant by the different parts of a flower, the difference between simple and compound, or alternate and opposite leaves (the Forester has to depend very largely for his knowledge of trees on the different types of leaves) the different kinds of fruit, the difference in the woody growth of palms and exogens, and so forth; also (b) a simple classification of plants, such as is found in the beginning of Brandis' Flora of Northern India, only reduced to the Madras orders, and giving the names of the Forest genera under each; and (c) and the identification on the ground of the *principal* trees in the Forest of the district in which the examination is held; I consider this knowledge to be of considerable importance.

4. The suggestions of the other officers—where not included in Mr. Cox's suggested revised syllabus—might also be considered.

5. As regards the preparation of a handbook, I have the honour to suggest that a certain number of officers be requested to write one or more parts of the syllabus, and that this whole of these officers together form a committee—with power to add to this number if necessary—to decide what should finally be incorporated in the whole work; and submit this complete work to the Board.

(xi)

Reference from the Board of Revenue (Land Revenue), Forest No. 896/07-3, dated 22nd October 1907.

The Board considers that the revision of the syllabus for the Forestry test may, with advantage, be discussed by the Conservators at a Conference about the end of November next, at Madras where they will meet in connection with the Inspector-General's tour. The Conference already ordered in Board's Proceedings, Forest Mis. No. 768, dated 20th September 1907, may be postponed to the end of November.

2. As regards Mr. Lushington's suggestion in paragraph 5 of his letter, dated 19th September 1907, the Board considers that it is hardly necessary to have a text-book compiled by selected officers of the department.

A. R. LOFTUS-TOTTENHAM,
Secretary.

To the Conservator of Forests.

(xii)

Letter—from A. W. LUSHINGTON, Esq., Conservator of Forests, Northern Circle.
To—the Secretary to the Commissioners of Land Revenue.
Dated—the 21st December 1907.
No.—R.C. 2222.

With reference to Board's Forest Reference No. 896/07-3, dated 22nd October 1907, I have the honour to report that a Conference of all the three Conservators was held at Madras on the 5th December 1907 for the revision of the Forestry (Intermediate) syllabus and to submit, for approval, the draft syllabus which has been accepted by all three.

2. I have the honour to suggest that the Board's Proceedings quoted amongst "books which furnish information" may be placed at the disposal of the public, as they thrash out the question of grazing and browsing.

Suggestions for the Revised Syllabus of the Intermediate Forestry Test.

WRITTEN EXAMINATION.

1. *Survey*.—Preparation and use of scales : use of pocket and prismatic compass, chain, ghat tracer, and plane table, map knowledge.

2. *Communications*.—Materials for road making, drainage of roads, small bridges, culverts, road dams, revetments, regulation of gradients, cost of forest roads, bridle-paths, inspection lines, principles to be observed in laying out the above on level and on hilly ground.

3. *Buildings*.—Selection of site, and aspect, suitability of various soils for foundations, selection of materials, cost of construction (designing suitable plans and estimates for forest rest-houses, thanna sheds, forest guards' lines), wells, fencing, walls, etc., contract work : points to be observed in supervising construction of works.

4. *Demarcation*.—Method of laying out straight lines, forms of, and materials used in the construction of forest boundary marks : cost, upkeep.

5. *Fire-protection*.—Its objects—evidence of need of fire-protection (when absent), requirements of different kinds of forests. Cases in which fire-protection is of greater or less importance.

Its attainments.—Various systems of fire-protection (in the district) and the circumstances which determine the system adopted, selection of fire lines, their breadth and extent, how governed, advisability or otherwise of shade on fire lines, object and use of guide lines, methods of burning lines and safeguards to be adopted, methods of extinguishing fires, forest fire-patrols, their duties, how to supervise their work, mapping of results.

Its cost.—Relative and actual cost of line clearing, line burning, and line patrolling, considerations which limit the cost of fire-protection.

Results of fires.—On growth of various kinds and ages, how appreciated after visible signs of burning are obliterated.

6. *Grazing (including browsing)*.—The different effects of grazing on a forest ; regulation and mitigation of ; periods in the life of a forest when the minimum and maximum damage results ; substitutes for grazing which the Forest department can provide ; advantages and disadvantages of stall feeding from the forest and from the owners' point of view : the kinds and value of cattle frequenting the forests ; fencing : the seigniorage rates of grazing ; methods of checking the issue of permits, duties of the range officer, and of the protective staff.

7. *The supply of forest produce*.—Elements of organography of plants (form of trees and shrubs, parts of flower, principal forms of leaves and stems, etc.)—Elements of classification. The various kinds of produce available in the forests : their uses, market prices, the extent and nature of demand, transport of produce.

Removal by purchasers.—The advantages and disadvantages from the forest and from the users' point of view : various methods employed : system of accounts : duties of the ranger, permit-issuing gumastah, tannadar and the protective establishment.

Departmental supply.—Its advantages, methods of supplying timber to depots, to contractors ; to purchasers of standing trees : forest valuation ; measurement of timber in the log : safeguards against theft when selling standing trees or when supplying depots : precautions to be taken before and during the process of felling ; rates of felling and sawing ; timber accounts : methods of fuel supply : selection and location of coupes : estimation of the yield : regulation of the felling : measurement of fuel : methods and rates of cutting, billeting, stacking and carting, dryage : selection and maintenance of standards, forest depots : sale depots : fuel coupe accounts. Methods of supplying timber, firewood, charcoal, bamboos and minor produce : advantages of departmental supply : method of cutting : meeting demand for different purposes : rates of felling and clearing clumps, prevention of borer. Notes on the supply of charcoal by departmental methods : methods of regulating and controlling the exploitation of minor forest produce.

8. *Elements of Sylviculture*.—The meaning and objects of sylviculture : influence of forests on the rainfall, irrigation supplies, climate and welfare of the people : effects of forest denudation : different types of forest : the meaning of ordinary sylvicultural terms : sowing, planting, and dibbling : periods of seeding ; the requirements of the chief timber trees in the matter of light and shade, rainfall and moisture, soils, etc. ; indications of a well managed forest.

Oral and practical Examination.—Candidates will be examined as to their knowledge of timbers, trees and important shrubs and climbers and other forest products : on the use of tools and instruments : and on their general practical knowledge of the above forest works.

The distribution of marks and the minimum required for passing will be as follows :—

	Maximum.	Minimum for passing.	
		1st class.	2nd class.
Written examination	50	65	45
Oral and practical	50	—	—
Total	100	65	45

The papers should be set by the Senior Conservator or by an officer nominated by him for the purpose.

NOTE 1.—More value will be assigned by examiners to evidence that candidates have a practical knowledge of the subjects on which they write than to mere book learning.

2.—The following books furnish information on the subject :—

Roorke Engineering College papers on Buildings, Carpentry, Building Materials, Earth-Works, Roads and Bridges (Thomason Civil Engineering College Press, Roorkee) ; specifications, rates and notes on work (Government Central Press, Bombay).

Lushington's Practical Mathematics and Pamphlets on Demarcation and Fire-protection (Cambridge & Co., Madras).

Gregs Text Book of Indian Botany (Thacker, Spink & Co., Calcutta).

Extract from Brandis' Indian Trees (Synopsis of natural orders Gena).

Hough's Elements of Forestry.

Duncan's abstract of Geology of India.

Troup's Indian Forest Utilization.

Jackson's Manual of Indian Sylviculture.

Superintendent of Government Printing, Calcutta.

Resolution—Forest No. 31, dated 5th February 1908.

The Board generally approves the syllabus as finally revised by the Conservators at their Conference in December 1907 with slight verbal alterations, but does not think that the Board's Proceedings noted in the margin are likely to be of use to candidates preparing for the test, as they are altogether unsuitable for general publication. It has therefore removed them from the list in note 2.

2. The syllabus, as revised by the Board, will be forwarded to the Commissioner for Government Examinations with the request that it may be adopted from the year 1909.

(True Extract.)

A. R. LOFTUS-TOTTENHAM,
Secretary.

To the Commissioner for Government Examinations, Madras.
" Conservators of Forests.
" Collectors of all districts (District Forest-officers), except Madras.

II

Proceedings of the Board of Revenue (Land Revenue), Forest No. 121, dated 29th June 1908.

Read—the following papers:—

(i)

Proceedings of the Board of Revenue (Land Revenue), Forest No. 31, dated 5th February 1908.

ABSTRACT.—Forwarding to the Commissioner for Government Examinations a revised syllabus for the Forestry Test (Intermediate) for adoption.

(ii)

Letter—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., Director of Public Instruction, Madras.

To—the Secretary to the Board of Revenue, Land Revenue (Forest Branch).

Dated—the 21st May 1908.

No.—Ref. on C. 2369.

With reference to the Board's Resolution, Forest No. 31, dated 5th February 1908, forwarding to the Commissioner for Government Examinations a revised syllabus for the Forestry Test, Intermediate Grade, I have the honour to point out that neither the number of papers for the Written Examination nor the time for each paper is specified in the syllabus. Further, the distribution of marks proposed in the revised syllabus renders it possible for a candidate to secure a pass entirely on his written work, while note 1 on page 7 of the resolution requires that more value should be attached to practical knowledge than to mere book learning. In my opinion, the existing distribution of marks is better calculated to meet the end in view. Then again, the same text books have been prescribed both for the Intermediate and Advanced Examinations. I do not know whether this is intentional.

2. In this connection, I beg to suggest for the consideration of the Board whether the Examination might not be conducted departmentally. At present, the oral and practical portion of the Examination in Forestry is conducted under instructions issued by the Board to Conservators of Forests and it is now proposed that for the Written Examination the papers should be set by the Senior Conservator or by an officer nominated by him, an arrangement which, while it is not in conformity with paragraph 31 of the notification relating to Technical Examinations, makes the Commissioner's control over the Examination almost nominal. The conduct of the examinations departmentally will, it is considered, not only be more convenient but less expensive.

3. On receipt of the Board's reply, I shall address Government if necessary regarding the introduction of the revised syllabus in Forestry.

Resolution—Forest No. 121, dated 29th June 1908.

The Board considers that the Intermediate Test in Forestry may be abolished as soon as the proposal to establish a Forest College at Coimbatore receives the sanction of the Government of India. The Board has no objection to this examination being conducted departmentally meanwhile. The Advanced test will be abolished forthwith.

(True Extract.)

A. R. LOFTUS-TOTTENHAM,
Secretary.

To the Director of Public Instruction, Madras.
,, Conservators of Forests.

II

Official Memorandum No. 3131-A/08-1, Revenue, dated 6th October 1908.

The Government observe that in its Proceedings, Forest No. 121, dated 29th June 1908, the Board of Revenue considered that the Intermediate test in Forestry should be abolished as soon as the proposal to establish a Forest College at Coimbatore receives the sanction of the Government of India. The attention of the Board is drawn to G.O., No. 2034, Revenue, dated 27th July 1908. The Forest Code, as revised by that Government order, does not require a pass by the Intermediate test as

a qualification for appointment to any post in the Forest Department, and the Board of Revenue is accordingly requested to report whether it still considers that this examination should be continued till the Forest College is established.

(By Order.)

F. NOYCE,
Ag. Asst. Secretary to Government.

To the Board of Revenue (Land Revenue).

III

Proceedings of the Board of Revenue (Land Revenue), Forest No. 193, Press, dated 11th November 1908.

With reference to Government Memorandum No. 3131-A/08-1, Revenue, dated 6th October 1908, the Board begs to state that the Intermediate test in Forestry may be abolished forthwith.

(True Extract.)

A. R. LOFTUS-TOTTENHAM,
Secretary.

To the Secretary to Government, Revenue Department.
,, the Conservators of Forests.
,, all Collectors (District Forest Officers).
,, the Director of Public Instruction.

Order—No. 815, Educational, dated 14th December 1908.

The Forest Code, as now revised, does not require a pass in the Advanced or Intermediate grade of the Forestry test as a qualification for appointment to any post in the Forest Department. The Forestry tests, both Intermediate and Advanced, will accordingly now be abolished.

(True Extract.)

H. D. TAYLOR,
Secretary to Government.

To the Director of Public Instruction.
,, Revenue Department.

NOTES CONNECTED WITH G.O., No. 815, EDUCATIONAL, DATED
14TH DECEMBER 1908.

[SUBJECT.—*Revised syllabus for the Government Technical Examination in Forestry, Intermediate Grade, and the transfer of the examination to the control of the Board of Revenue.*]

Precious papers.

G.O., No. 2473, Revenue, dated 5th October 1907.

" " 2034 " " 27th July 1908.

From the Director of Public Instruction, dated 22nd August 1908, No. 2369

The scheme of Government Technical Examinations includes two tests in Forestry —Intermediate and Advanced (*vide* paragraph 10 of the Government Technical Examination notification). The Intermediate Examination in Forestry is prescribed as a qualification for the post of Deputy Ranger in the Forest Department —*vide* paragraph 31 (*b*) of Chapter I of the Madras Forest Department Code.

Page 69 of the Government Examinations Calendar for 1908-1909.

Page 10 of the Code.

2. In connection with a proposal made by Mr. Lushington, Conservator of Forests, Northern Circle, to prescribe Mr. Jackson's Manual of Sylviculture as one of the text-books for the Forestry test, the Board of Revenue were of opinion that the syllabus for the Forestry test required revision and entrusted the revision of the syllabus to a Conference of the Conservators of Forests—*vide* Board's Reference Forest No. 896/07-3, dated 22nd October 1907. The Conservators met at Madras on the 5th December 1907, revised the syllabus and submitted it for approval to the Board on the 21st December 1907.

3. In their resolution, Forest No. 31, dated 5th February 1908, the Board generally approved the revised syllabus, with slight verbal alterations, and forwarded it to the Commissioner for Government Examinations with the request that it might be adopted from the year 1909.

4. The Commissioner then pointed out certain defects in the revised syllabus and suggested for the consideration of the Board that the examination might be conducted departmentally. He pointed out that the oral and practical portions of the examination in Forestry were conducted, under instructions from the Board, by Conservators of Forests and that in the revised syllabus it was laid down that the papers for the written examination should be set by the Senior Conservator of Forests or by an officer nominated by him. The Commissioner for Government Examinations stated that this arrangement was not in conformity with paragraph 3 of the notification regarding Government Technical Examinations which vested in him the control over these examinations, and that it made his control over the examinations almost nominal. He therefore pointed out that the conduct of the examinations departmentally would, in these circumstances, not only be more convenient but less expensive.

5. In their resolution, Forest No. 121, dated 20th June 1908, the Board of Revenue considered that the Intermediate test in Forestry might be abolished as soon as the proposal to establish a Forest College at Coimbatore received the sanction of the Government of India; that they had no objection to that examination being conducted departmentally in the meantime and that the Advanced test should be abolished forthwith.

6. The Commissioner for Government Examinations now requests the sanction of Government to the following proposals:—

(1) To introduce with effect from 1909 the revised syllabus for the Intermediate examination in Forestry, prepared by the Conservators of Forests and recommended by the Board;

(2) to transfer the control over the examination to the Board of Revenue (Land Revenue) Forest; and

(3) to abolish the Forestry test, Advanced grade.

He notes that the Intermediate examination in Forestry will also be abolished on the establishment of a Forest College at Coimbatore.

7. The Revenue Department may, in the first instance, be asked u.o. for remarks as to whether they accept the proposals of the Commissioner and the Board of Revenue.

T.K.—7-9-08.

The points raised above seem to be for consideration in the Revenue Department.

K. RANGASWAMI AIYANGAR—7-9-08.

C. A. SOUTER—8-9-08.

To the Revenue Department.

REVENUE DEPARTMENT.

The Forestry test now consists of two grades—Intermediate and Advanced (please see pages 66 and 69 of the Calendar of the Commission for Government Examinations for 1908-1909). The syllabuses for these two examinations will be found at pages 186-189 of the Volume of syllabuses.

2. Under section 32 (b) of the Revised Forest Code, appointments to the class of Deputy Ranger may be given to candidates who have passed the Intermediate

Forestry test and the Departmental test in Forest Code, Act and Rules. This section, however, does not embody the orders contained in G.O., No. 2473, Revenue, dated 5th October 1907. In G.O., No. 2034, Revenue, dated 27th July 1908, section 32 has been completely recast. Please see page 9 of G.O., No. 2034, Revenue, dated 27th July 1908, and page 5 of notes thereto. No mention of the Forestry test is made in section 31 (which corresponds to section 32 of the Revised Code). Thus under the present altered circumstances, the Intermediate Forestry test does not seem to be necessary. Under the present section 31 of the Forest Code, Deputy Rangers will first be appointed on probation and after two years' service will be deputed for a course of training at Dehra Dun. When the proposed Forest College at Coimbatore becomes an accomplished fact, these probationary Deputy Rangers will be deputed for training there. Thus the necessity for the Intermediate Forestry test is not quite clear.

3. The Board of Revenue has revised the syllabus for the Intermediate test and has requested the Commissioner for Government Examinations to adopt the revised syllabus from the year 1909. In a subsequent Board's Proceedings, the Board of Revenue has informed the Commissioner that the Intermediate test may be abolished as soon as the proposal to establish a Forest College at Coimbatore receives the sanction of the Government of India. The Board held this opinion before the issue of G.O., No. 2034, Revenue, dated 27th July 1908. Now that section 32

Page 12 of Code.

Vide section 31.

still considers necessary the Intermediate test in Forestry.

4. The utility of the Advanced test in Forestry is not known and this test is nowhere prescribed for any appointment in the Forest Department. The Board of Revenue has agreed to the abolition of this test forthwith. This may, it is submitted, be approved.

5. The question of transferring the control over the Forestry Test examination depends on the answer given to the point raised in paragraph 3 *supra*. This may, therefore, await the settlement of that point.

C.R.V.—28-9-08.

Under the Forest Code as finally revised by G.O., No. 2034, Revenue, dated 27th July 1908, the Intermediate and Advanced tests in Forestry are nowhere prescribed as necessary qualifications for the Forest service. The Board proposes to abolish the Advanced test forthwith and considers that the Intermediate test may be abolished as soon as the Forest College is started. As the office-note points out the Board's Proceedings were issued before the issue of G.O., No. 2034, Revenue, dated

I agree.

A. G. CARDEW—30-9-08.

21st July. The Board may, I submit, be asked for further remarks in the light of that Government Order.

F. NOYCE—29-9-08.

A draft official memorandum is submitted for approval.

C.R.V.—2-10-08.

Issue.

F. NOYCE—3-10-08.

[Official Memorandum No. 3131-A/03-1, dated 6th October 1908.]

From the Board of Revenue (Land Revenue), dated 11th November 1908, Forest No. 193.

In reply to official memorandum No. 3131-A/08, dated 6th October 1908, the Board states that the Intermediate test in Forestry may be abolished forthwith. The file may be returned to the Educational Department u.o. for the issue of orders.

C.R.V.—19-11-03.

It will be seen from the above Revenue notes that both the Intermediate and Advanced tests in Forestry may be abolished at once.

F. NOYCE—20-11-08.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

The Director of Public Instruction requested sanction—

(1) to introduce a revised syllabus for the Intermediate examination in Forestry;

(2) to transfer the control of the examination in Forestry to the Board of Revenue (Land Revenue) Forest; and

(3) to abolish the Advanced examination in Forestry.

2. The Revenue Department, to whom the Director of Public Instruction's proposals were referred for remarks, state that both the Intermediate and Advanced examinations in Forestry may be abolished at once, as these examinations are no longer recognised as qualifying for Forest service.

No. 815, EDUCATIONAL, 14TH DECEMBER 1908.

3. A draft order in accordance with the proposal of the Revenue Department is submitted for approval.

T.K.--4-12-08.

K. RANGASWAMI AYYANGAR—4-12-08.

C. A. SOUTER-5-12-08.

H. D. TAYLOR—7-12-08.

I do not understand why the draft Government Order is spun out. It seems quite enough to intimate the orders of Government.

G. S. F[ORBES]—8-12-08.

To the Revenue Department for acceptance.

H. D. TAYLOR—9-12-08.

REVENUE DEPARTMENT.

The draft order may, it is submitted, be accepted in this department.

C.R.V.—10-12-08.

Revenue may, I submit, accept.

F. NOYCE—10-12-08.

Accepted in Revenue.

L. M. WYNCH—11-12-08.

To the Educational Department.

EDUCATIONAL DEPARTMENT.

Issue.

H. D. TAYLOR--14-12-08.

[G.O., No. 815, Educational, dated 14th December 1908.]

Educational DEPARTMENT.

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

” ” ” ” ” 190

READ ALSO:—

C. No. 1859. From the D. P. I., No. 2369, dated 22 - 8 - 1908.

" " " " " Baord of Revenue " 193 " 11th Novr. 1908.

” ” 1 ” 190

ORDER.

P.S.

No. 815, dated 14-12- 1908.

The Director of Public Instruction
proposes -

(1) to abolish the Forestry Test,

Advanced grade; in the Scheme of Government
Technical Examinations.

(2) to introduce a revised syllabus

for the Forestry Test, Intermediate

Grade, and

(3) to transfer the control over the Forestry Test, Intermediate grade,

to the Board of Revenue (Land Revenue)-
Forest

He ~~observes~~ ^{observes} ~~further states~~ that the

Forestry Test, Intermediate Grade,

will also be abolished on the esta-

blishment

2

10 5p

establishment of a Forest College at
Coimbatore and that the revised syllabus is
intended to be in force in the meantime.

2. The Forest Code, as now re-
vised, does not require a pass in the
Forestry Test, Intermediate Grade, as
a qualification for appointment to
any post in the Forest Department.

The Government therefore ^{decide} consider
~~both of these tests~~
that the Forest Test, Intermediate
Grade, ~~may also be abolished forthwith.~~
~~They~~ accordingly sanction the abolition

of the Forestry Tests, both Interme-
diate and Advanced, ^{consequently} ~~will now be abolished~~

7/12
4.12.08

80
4.12.08

Obt
5.12.08

1002

7.12.08 8/11

Advanced or Intermediate ^{or to} ~~part~~

To,

The Director of Public Instrn.
" Revenue Department.

80/12/8

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