

- (1) Number of pages _____
(2) Date of repair _____
(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	385-86(W)	Press
B.P. No.		Mis.
Dated	12-2-	1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
12th February 1876.*

Read again the following:—

No. 211. From the Govt. of India, dated 19th Aug. 1875, No. 1,288—95, E.G.
No. 212. From " " 24th " " 1,322—9, E.G.
No. 212-A. From " " 23rd Sept. " 1,288—95, E.G.
No. 212-B. From " " 2nd Dec. " 1,288—95/2 E.G.

Read also—

No. 212-C. From the Controller of P. W. Accounts, 5th Feb. 1876, No. 1 W. C.

No. 213. ORDER THEREON, 12th February 1876, No. 385.

ESTABLISHMENT, No. 10-A.

ORDERED that the following letter be
sent.

(Here enter No. 386, dated 12th February 1876.)

(True Extract.)

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 12th February 1876.

No. 214.

No. 386.

FROM

MAJOR-GENERAL G. W. WALKER, R.E.,
*Secretary to the Government of Madras,
Public Works Department,*

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

ESTABLISHMENT, No. 10-B.

No. 1,288—95/2 E. G., dated 2nd Dec. 1875.

SIR,—With reference to your letter marginally noted and in continuation of my letter No. 129, dated the 16th December 1875, I am directed to return a copy of Chapter II. of the Government of India Code, on which is noted the alterations which it is proposed should be made in the text in order to adapt it to the purposes of a Code for the Madras Presidency.

2. The alterations in question have, I am to state, been recommended by the Committee assembled under the Order of this Government of the 23rd November 1875, No. 3,356, after full discussion and consideration, on the ground that they are necessitated by the existing organization of the department in this Presidency as well as in certain cases by the local peculiarities of the country.

3. I am to add that they are accepted by the Most Noble the Governor in Council.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government.

Exd. S. T. Austin.

Spare Copies

1301. 2/81
12:00.

Nos. 1288—95 E—G.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ESTABLISHMENT.
General.

To

THE GOVERNMENTS OF MADRAS, BOMBAY, BENGAL, NORTH WESTERN PROVINCES
AND PUNJAB.
THE INSPECTOR GENERAL OF MILITARY WORKS.
THE CHIEF COMMISSIONER OF BRITISH BURMAH.
THE AGENT TO THE GOVERNOR GENERAL, RAJPOOTANA.

18
Simla, August 19, 1875.

SIR,

I am directed to forward for any remarks and suggestions you may desire to offer, a proof copy of Chapter II of the Revised Code of Regulations for the Public Works Department. The vertical single lines in margin show the changes which are necessary in consequence of orders already issued. The double lines show the changes which are now introduced for the first time.

An early reply is requested.

I have the honour to be,

SIR,

Your most obedient Servant,

J. B. Mason Colonel,

For Secy. to the Govt. of India.

To.

The Secy to the Government of Madras
in the P. W. Department

W. 1875 Dept.

GOVERNMENT OF INDIA
PUBLIC WORKS DEPARTMENT.

ESTABLISHMENT.
General.

No: 5674

To

THE GOVERNMENTS OF MADRAS, BOMBAY,
BENGAL, NORTH WESTERN PROVINCES
AND PUNJAB.

THE INSPECTOR GENERAL OF MILITARY WORKS.
THE CHIEF COMMISSIONER OF BRITISH
BURMAH.

THE AGENT TO THE GOVERNOR GENERAL,
RAJPOOTANA.

Nos. 1288—95 E—G.

Dated Simla, August 19, 1875.

Received Sept. 3rd

8.1.

821
Lodged
Accd
Dec 17/75

Forwards for remarks and suggestions a proof
copy of Chapter II of the Revised Code of Re-
gulations of the Public Works Department.

No. 150, P. W. D. Press—25-8-75—10.

in 17-11-75
Reli-25-9-75
17-0-75

Old 1-10-75

Old 25-9-75

W. 1875 Dept.

7

Nos. 1322—9 E—G.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ESTABLISHMENT.
General.

To

THE GOVERNMENTS OF MADRAS, BOMBAY, BENGAL, NORTH WESTERN PROVINCES,
AND PUNJAB.

THE INSPECTOR GENERAL OF MILITARY WORKS.

THE CHIEF COMMISSIONER OF BRITISH BURMAH.

THE AGENT TO THE GOVERNOR GENERAL, RAJPOOTANA.

Simla, August 24, 1875.

SIR,

In continuation of Public Works Department Nos. 1288—95 E—G,
dated 19th August, I am directed to forward a proof copy of Chapter III of
the Revised Public Works Code, and to request its return with any remarks
or suggestions that may appear desirable.

I have the honour to be,

SIR,

Your most obedient Servant,

A. S. R. Colonel,
For Secy. to the Govt. of India.

The Secretary to the Government of Madras
in the P. W. Department

31 July/75-839-840.
24 June/75-494-496

W. 1875 Sept.
No: 5777
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ESTABLISHMENT.
General.

To
THE GOVERNMENTS OF MADRAS, BOMBAY,
BENGAL, NORTH WESTERN PROVINCES,
AND PUNJAB.
THE INSPECTOR GENERAL OF MILITARY WORKS.
THE CHIEF COMMISSIONER OF BRITISH
BURMAH.
THE AGENT TO THE GOVERNOR GENERAL,
RAJPOOTANA.

Nos. 1322-9 E-G.
Dated Simla, August 24, 1875.
Received Sept. 9-1875

E. I.

83
9 Dec 1875

In continuation of Nos. 1288-95 E-G, dated
19th August 1875, forwards a proof copy of
Chapter III of the Revised Public Works Code,
and requests its return with any remarks or sug-
gestions that may appear desirable.
No. 153, P. W. D. Press-31-8-75-10.

212
Cp 17-11-75
Reli. 25-9-75 Ma 7-10-75
Cp-17-9-75 Ma 25-9-75

0 No 588-6.

No 1288-95 E.G.
Government of India
Public Works Department.
Establishment
General.

To
The Secretary to the Govt of Madras
Public Works Department.

Simla, 23 September 1875

The Undersigned is directed to invite
attention to P.W.D. No 1288-95 E.G. of
19th August 1875, forwarding for remarks
and suggestions, a proof copy of Chap: II of
the Revised Code of Regulations for the
Public Works Department, and to request an
early reply.

about 10 days
No 1288-95 E.G.
Under Secretary
to the Government of India
Public Works Department
Simla
23 Sept 1875
Cp 17-11-75
Reli. 25-9-75
Cp-17-9-75
Ma 7-10-75
Ma 25-9-75

All communications
should be addressed to
the Secretary.

No. 1208/E.G.
2/75

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Establishment
General.

To

The Secretary to the Govt of Madras
Public Works Department.

Fort William, the 2nd December 1875.

The undersigned is directed to again
invite attention to Public Works Depart-
-ment N^o. 1238-95 E. G. and 1322/29 E. G. of
19th and 24th August 1875, forwarding for
remarks and suggestions, proof copies of
Chapters II and III of the Revised Code of
Regulations for the Public Works Depart-
-ment, and to request an early reply.

W. Sampson
Under Secretary to Govt of India.

(Signature)

From the Secy to Govt of India

The Secy. of India

No. 23 Sept. 1875.

No. 1208-95 E. G.

*Inviting early attention
to Census forwarding for
remarks and suggestions
of proof copy of Chapter II
of the Revised Code of
Regulations for the P.W.D.*

1875

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17-11-75
1875*

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Mis No 82 of 9 Dec/75
" 83 do
GO No 3356 of 23 Nov/75.

P. W. 1875 Dept
No 7566

Pro for December

From
The Govt of India

To
The Secy to Govt
P.W.D. Madras

Dated 2nd Dec 1875
Recd 3rd Dec 1875
No 1288-P.W.D.

Calling for reply to the
remarks and suggestions, of
the proof copies of Chapter
II and III of the revised Code
of Regulations for the P.W.D.

Mrs

No 129

No 212A + B.

GO. No 385.6. 12.1.76

[Cr. Wks. Form No. 1.]

15

No. 1 P.W.C.

FROM

THE CONTROLLER,
PUBLIC WORKS ACCOUNTS,

TO

The Secretary to Government,
Public Works Department.
FORT SAINT GEORGE, 5th Febry. 1876.

Sir,

With reference to Government Order
No 3856 dated 23 November 1875, I am directed
by the Committee thereby appointed to forward
a copy of Chapter II of the Government of
India Public Works Code revised as per the
render it suitable for adoption as a Chapter
of the Public Works Department Code of this
Presidency, together with a brief statement
of the objects and reasons which influenced
the Committee in making any departure
from the Government of India Code.

I have the honor to be
Sir,
Your most Obedt Servt

Lowrey-Jordan.

Secretary to the Committee
9/2/76

From
The Controller of
P.W. Accounts

To
The Secretary to Govt.
P.W. Department

No 1 P.W.C.

Dated 5th February 1876
Recd

Forwarded copy
of Chap II of the Govt.
of India P.W. Code re-
vised.

17th Feb 76
J.P.W.
Baker
1876
S.W. 1.
1876

Received
of the II Govt.
of India P.W. Code
revised.

FORMER CASES.

Current No.

of 187.

"

"

"

"

1876 Sept.
M. WORKS FORM No. 3.
Current No. 980

From

The Controller,
P.W. Accts.

No. 10. M.C.

Dated 5

Recd. 7

Febry.

1876.

Subject:— Forward Copy
of Chap. II of the Part. of
India P.W. Code revised.

To Secretary P.W.D.

The revised Chapter II
is in circulation. This
formal letter on the part
of the Committee may form
part of the proceedings
when printed.

From

part of the proceedings

when printed

9-2-76

Orders and Proceedings in file.

Depart- ment.	No.	Date.	ENDORSEMENTS.		
			Depart- ment	No.	Dated.
P.H.D.	3358	23/1/75			

GO No 385-76. 12-2-76

LATER CASES.

Current No.

981 of 1876.

"

"

"

N^o 212 C.

Under A.

Extract from Gazette Notification
dated 26th April 1861.

His Excellency the Governor in Council,
deeming it expedient that the regulations
now in force for testing the qualifications of
Candidates for employment in the Uncovenanted
Civil Service of this Presidency, should be so
far altered as to allow of persons who have
been admitted into the public Service on the
ground of their having passed an elementary
examination in those branches of knowledge
which usually form the basis of a General
Education, being promoted without passing any
further literary test; and that the University
Examinations should be more closely and
more obviously connected with those pre-
scribed for the public Service; and also that
more effective provision should be made
for testing the professional qualifications of
Candidates for employment in particular of-
fices or departments, directs that the fol-
lowing Regulations shall be substituted for
those contained in the Notification dated the
4th March 1858—

I. No person (not being a Graduate or a
matriculated student of the University of
Madras, or a papered Candidate according to
one or other of the tests laid down in the
above Notification), who had not been em-
ployed in the public Service on or before
the 1st January 1859, and has not been
continuously employed ever since, shall

be appointed to any situation, the salary of which may ^{exceed} Rs 20 ^{and below} (a) without having passed a satisfactory examination in the following subjects. —

1. Hand writing — Including the ability to copy rapidly and in a good clear hand on manuscript or lithographed paper.

2. Orthography — To include writing from dictation.

3. Composition and Grammar — Including ability to write a simple letter in good grammatical language; to correct a passage written in an ungrammatical style; and to answer questions on Grammar.

4. Arithmetic — The first four rules, simple and compound, with ability to apply the rules in practical cases.

Note — The Vernacular paper on this subject is to be executed in English figures. No marks will be given for answers executed in vernacular figures (b)

5. Geography — Including the elements of General Geography and a somewhat more accurate knowledge of the Geography of India.

6. History — Including a knowledge of the leading facts of the History of India.

II For the purposes of these examinations, the Uncovenanted Civil Service shall be divided into three branches, English, Vernacular,

(a) Proviso, 26th April 1861, G.O. page 57; and 23rd October 1866, No 309 Edt.

and Anglo-Vernacular, the first of which shall include all appointments the duties of which are conducted entirely in the English language; the second, all appointments the duties of which are conducted entirely in the Vernacular language; and the third, all appointments requiring a knowledge both of English and of a Vernacular language.

III Candidates for employment in the English branch shall be required to execute the test in hand-writing, orthography and composition in the English language; and Candidates for employment in the Vernacular branch shall be required to execute the same test in the Vernacular language of the District in which they seek employment.

IV It shall be optional with Candidates to perform the test in Arithmetic, Geography, and History, either in English or in a Vernacular language, at their discretion.

V Candidates for appointments in the Anglo-Vernacular branch must pass the test in hand-writing, orthography and composition, both in English and in the Vernacular language of the District in which they seek employment. They may pass these tests either at the same examination, or at two different examinations as they may think proper.

VI The foregoing test shall not apply to all

Similar Situations, in the Offices of the
Presidency of 50 Rs a month or more.

Candidates for a Second Class Certificate must be capable of copying in a Suitable Style, on a Chained Scale, any plan of an ordinary masonry structure; also to prepare from written instructions the necessary Plans and Sections of a simple Building, Bridges, other ordinary work connected with the Survey, to be able to color neatly, including copies of Maps and Surveys; and to be able to prepare an estimate from a plan and specification for any structure in ordinary use from a plan and specification.

This Certificate shall be held to qualify for the posts of Draftsmen and Estimate-makers in all Executive Ranges, and in all similar situations in Offices of District Superintending Engineers and at the Presidency, the salaries of which range from 30 Rs to 50 per mensem.

Candidates for a 3rd Class Certificate must be capable of copying with neatness, on a Chained Scale, any ordinary plan of masonry structures in common use, and to execute a suitable degree of skill in coloring the same, and in

copying a map or survey, also to be able to prepare simple estimates, from a plan, such as for a Mangalore, a Magazine, a Road, Tunnel, or small Bridge, Tank, Sluice and Calingulas.

This Certificate shall be held to qualify for any situation as Draftsman or as Estimate-maker in any Office in the Department, the salary of the post being up to 30 Rs a month.

18/1/76
18/1/76

18/1/76

Extract from Gazette Notification
dated 23rd January 1863.

In order to test the proficiency, for ^{practical} ~~practical~~ purposes of the Officer in the Vernacular Language of his District, at least three papers which he has never seen before, taken very much at hazard from the District Engineers Office or Maramet Report ment of the Collectors Office, and written by different persons, in a plain running hand, must be read aloud by the Officer correctly, and without great difficulty, and after being read aloud their contents must be correctly explained by him in English. An English paper to be furnished by the Board of Examiners, specially prepared so as to test the Officers knowledge of Vernacular figures and accounts and of technical words and phrases in common use in the Department of Public works, must be translated by him into the Vernacular, without assistance. The translation must be substantially correct in meaning and intelligible to a Native, ^{tolerably} ~~tolerably~~ correct in grammar and spelling and free from any ^{very} ~~bad~~ errors of idiom. He must dictate, off-hand, with some fluency, the translation into the Vernacular of an English paper, also to be furnished by the Board of Examiners and of a character similar to that referred to above, whereof

Extract from Gazette Notification
dated 23rd January 1863.

In order to test the proficiency for practical purposes of the Officer in the Vernacular Language of his District, at least three papers which he has never seen before, taken very much at hazard from the District Engineers Office or Maramet Report ment of the Collectors Office, and written by different persons, in a plain running hand, must be read aloud by the Officer correctly, and without great difficulty, and after being read aloud their contents must be correctly explained by him in English. An English paper to be furnished by the Board of Examiners, specially prepared so as to test the Officer's knowledge of Vernacular figures and accounts and of technical words and phrases in common use in the Department of Public works, must be translated by him into the Vernacular, without assistance. The translation must be substantially correct in meaning and intelligible to a native, ^{tolerably} correct in grammar and Spelling and free from any ^{very} bad errors of idiom. He must dictate, off-hand, with some fluency, the translation into the Vernacular of an English paper, also to be furnished by the Board of Examiners and of a character similar to that referred to above.

whereof

hereof the translation will be written down exactly as dictated. The dictated paper must, in like manner, be intelligible and substantially correct. He must then be tested in conversation with two or three ^{Natives} ~~Natives~~, in such manner and to such extent as shall suffice to satisfy the Committee as to the degree of his power of understanding Natives of different classes and of making himself understood by them. Such conversation or colloquial Examination to be confined to matters connected with the ordinary duties and business of the Department of Public Works, and not to embrace abstract or peculiar subjects. An Officer must pass successfully through every step of this Examination to entitle him to a pass.

By order of the Committee

By order of his Excellency the
Governor in Council

Signed J. H. Arbutnot
Chief Secretary

[Handwritten signature]

Good

3.1.76.

P. W. Code. Chap. II.

Rules for Candidates for appointment
or Promotion.

See i. *Offici, Petty, and Lower*
Subordinate Staff

Paras 1 and 2.

For clerks, draftsmen,
we have preferred to retain
the standards of examination
at present existing in Madras -
Experience has shown, that owing to
the wide diffusion of English Education
in this Presidency, the number of
Candidates for employment in the
Office & Petty Establish^{ts} who have passed
the prescribed Tests is in excess of
requirements -

On the whole, the Comm^{ee} prefers the wording of para 1. in the present edition of the Code (1870), as the Comm^{ee} considers, but where

Office clerks from a Provincial
Estab^t. The qualifications for
appointment cannot safely be
left to the individual judgment
of the different authorities who
make the appointments -

Sec vi. Upper Subordinate Estab^t.

Para 2.

We feel that it will be
heavily impossible to file balances
in the Estab^t of Officers, if all
Candidates are required to be
practically acquainted with some
branch of the building trade his

Qualification we have therefore
removed. We have added another,
Account-keeping; the Madras Govt
having lately resolved that the
principles of double entry should
form a portion of the course of
instruction at the C. S. College.

Further, we have worded the

paragraph ~~inserted~~ So as to permit of a
reasonable latitude being given to
the Principal of the C. S. College in
fixing the standard of examination.

Para. 5. In this para, the
Comm^{ce} have to recognise the fact
that the higher grades of the Upper
Sub^t Estab^t are in this Pres^d often
placed in charge of the Executive
Divisions where they have to
conduct correspondence, look
after accounts, and carry out
other administrative duties - The
Comm^{ce} are therefore unable to
recommend that there should be
a regular flow of promotion from
the lower Sub^t to the Upper Sub^t
Estab^t without passing the
prescribed theoretical tests - The
exceptional cases in which Govt
may require the services of a
thoroughly practical ^{workman} ~~man~~

from England into the Comm^{ee}
believe to be sufficiently met for by
para. 4 -

Paras 6-10. There is evidently
some clerical error here in the
revised draft. The marginal
note at the early part of para 6
refers to Soldiers only, whereas
in the latter part of the paragraph
and in the commencement of para
7, allusions are made to Civilians.

The Comm^{ee} think that the several
classes of Candidates should be
dealt with in the order in which
they appear in para 1, i.e.

Soldiers - (a) By passing through the C.I. College. Paras. 6-10.

(b) By passing the direct examⁿ. Paras. 11-13.

(c) By passing the practical Test. Para 14. Not considered
advisable in this Resⁿ.

Lower Sub^s - Para 14. A.

Civilians (a) By passing through the C.I. College - Para 15. A.

(b) By passing the direct examⁿ. - Para 16

(c) By passing the practical Test - Para 4. *In exceptional cases*

Para 14 and 14. A. as before
remarked, the Comm^{ee} is of opinion
that the organisation of the T.M. Dept^t
in Madras does not admit of
Land Date ~~being~~ being appointed
to the Upper Sub^s Inst^t for practical
qualifications alone, except in very
exceptional cases -

Para 19-20. These two paras do
not appear ~~applicable to the present~~
this ~~Resⁿ~~ Resⁿ?

*I would not add the remark
below - I would merely
say that the draft is
concluding to the end -
And?*

Seeing that a distinction is now made
in the qualifications of paper students
by granting certificates of two classes
according to the number of marks
gained, the one being called an
Overseer and the other a Supervisors
certificate, Students who gain the
certificate of the higher grade are
considered to have *ceteris paribus*
a better claim to promotion.

Para 27-29. The Committee are
not of opinion that it is advisable
to prescribe any further list for
the promotion of the higher grades of
Upper Sub^s; the Entrance Examⁿ
prescribed for Overseers in Madras
appearing to the Comm^{ee} to be as
high a standard as that here
laid down for Supervisors -

Sec. iii: Accountants

The Comm^{rs} concur in the recommendation of the former Comm^{rs} to form a 5th grade of acct with a min^m salary of Rs 40 using $\frac{1}{2}$ annual increments of Rs 2 $\frac{1}{2}$ to the maximum of Rs 75

Sec. iv: Engineer, Estab^t

Paras 16-18. Nearly all the vacancies in the Eng^g Estab^t in Madras are filled up by ^{English} officers & civil Eng^g from the R.I.C.S. College. So few vacancies exist as to fall to the hands of students of the Madras Eng^g College, but it is not considered desirable to encourage candidates entering the dept by direct examⁿ

Para 25. A. This order is at present

1. His Presidency -

Para 33. This para, the Comm^{rs} observe would more properly find a place in the Chapter on the organisation of the Dept.

Lowry-Jordon
Secy.

Jan. 14. 1876.

CHAPTER II.

Rules for Candidates for Appointment or Promotion.

Section i.—OFFICE, PETTY, AND LOWER SUBORDINATE ESTABLISHMENTS.

Clerks, &c.

1. The propriety of insisting on an examination for the situations of Office Clerks, Draftsmen, Mohurrirs, Chup-rassies and other inferior offices is left to the discretion of the authorities who make the appointments. Ability to read and write is, as a general rule, to be considered as a necessary qualification for any appointment.

Cashiers and Store-keepers.

2. For the situations of Cashiers and Store-keepers, only men acquainted with the English language should, as a rule, be appointed.

Head Artificers.

3. Head Artificers should be required to possess a thorough practical knowledge of their respective crafts.

Source of supply of Lower Subordinates.

4. Lower Subordinates may be appointed from duly qualified Non-Commissioned Officers or Soldiers of the Native Army, from Students of the Civil Engineering College, or other Civilians, European or Native.

Sub-Overseers, 3rd Grade.

5. Sub-Overseers of the 3rd Grade must be capable of supervising brick-laying, roofing, flooring, road-making, carpentry, and other work ordinarily done under Departmental superintendence. Commanding Officers may call upon Executive Engineers to certify as to the fitness or otherwise of Native Soldiers for employment as 3rd Grade Sub-Overseers.

Appointment of Sub-Overseers, 3rd Grade.

6. For the situations of Head Artificer, or Sub-Overseer, 3rd Grade, preference should be given to qualified men educated at a Government Institution, and to men already employed in the Department, who may appear to the Officers authorized to appoint to be deserving of promotion. No appointment should be permanently given, except to a fully qualified person.

7. Sub-Overseers of the 2nd Grade must in addition to the acquirements expected of Sub-Overseers, 3rd Grade, be able to lay down and construct an ordinary building from working drawings and specifications, to prepare simple drawings, and frame corresponding estimates.

8. Sub-Overseers of the 1st Grade must, in addition to Sub-Overseers all the above qualifications, be able to survey with the chain 1st Grade. and compass, to take levels, and to plot their surveys and sections neatly.

9. Sub-Surveyors of the 2nd Grade must be able to sur- Sub-Survey with the chain and compass, to take levels, and to plot veyors. their surveys and sections neatly. Sub-Surveyors of the 1st Grade must be able to make simple surveys with the Theodolite in addition to the above.

10. The qualifications of Sub-Overseers of the 1st and Examination 2nd Grades, and of Sub-Surveyors, will generally be ascer- and appoint- tained from certificates issued from a Government College of ment of the Civil Engineering; but Officers authorized to appoint Lower above. Subordinates may test the qualifications of Candidates by examination in special cases. When Native Soldiers are Candidates for employment in the 1st or 2nd Grades of Sub-Overseer, Commanding Officers should address the ~~Superior~~ District ~~leading~~ Engineer, with the view of testing their qualifications.

11. Vacancies occurring in the grades of Sub-Overseer Vacancies and Sub-Surveyor, should be filled up, as far as possible, by amongst appointing qualified Students from the Government Civil Lower Subor- Engineering Colleges. Any vacancies which cannot be sup- dinates. plied from that source may be filled up by Candidates who can pass the tests above laid down for the respective grades. Civilians of more than 30 years of age should not be appointed Sub-Overseers.

12. Lists of qualified Candidates from the Native Army Native Soldiers. will be kept by the Adjutant General of the Army, to whom application should be made by Local Governments and Ad- ~~ministrations, or by Officers authorized to make appointments,~~ He Chus for the services of such men when required.

13. Sub-Overseers and Sub-Surveyors will be on proba- Probation. tion for the first year.

14. A knowledge of English, and particularly of English Knowledge of figures and Arithmetic, is to be encouraged in the Lower English. Subordinates.

15. Deserving Lower Subordinates possessed of practical Promotion of Lower Subor- qualifications may be promoted to higher grades in that dinates not class in the same manner as men in the Upper Subordi- qualified un- der P. W. nate Establishment are promoted. Code Rules.

Section II.—UPPER SUBORDINATE ESTABLISHMENT.

Sources of supply.

1. Upper Subordinates may be appointed, under the rules laid down in this Chapter, from amongst the European Non-Commissioned Officers and Soldiers of Her Majesty's Army in India; from members of the Lower Subordinate Establishment, Military or Civil; or from Civilians, European or Native, not in the Department.

Overseers' qualifications.

2. Overseers are required to have a good knowledge of Arithmetic (including Mensuration and account-keeping), and of elementary practical Geometry; to be able to prepare simple drawings; to be practically acquainted with some branch of the building trade; to understand how to lay down and construct a building from drawings and specifications; and to be able to prepare a simple estimate on being furnished with a design and the rates of work; also to survey with chain and compass, and to take levels. Europeans must possess a fair colloquial knowledge of Oordoo, or of the language of the district in which they are to be employed; and natives must be able to speak and write English with tolerable accuracy.

Certificates required.

3. The qualifications of Candidates must be attested by Certificates from the Principal of the Government Civil Engineering Colleges.

Admission of practical men

4. The above examination may be dispensed with in the case of men having thorough practical knowledge and experience in any useful branch of work, who may be admitted, at the discretion of the Government of India, or of a Local Government or Administration, in any grade thought suitable, without any test in theoretical knowledge.

and of Lower Subordinates.

5. Among the practical men who may be admitted into the Upper Subordinate Establishment without passing the prescribed tests in para. 2 may be deserving Lower Subordinates, who have in practice proved themselves fit for the duties of an Upper Subordinate. Their admission will be subject to the following conditions:—

I.—Those who cannot render their accounts in English to be subject to a Deduction of 10 per cent. on their pay, but a knowledge of English numerals is absolutely indispensable.

II.—No Lower Subordinate shall be promoted in this manner who has not served 5 years as such, of which 3 must have been in the highest grade of Lower Subordinates.

III.—Persons so admitted to the Upper Subordinate Establishment will be placed in the first instance in the 2nd grade of Overseers.

IV.—These promotions may be made at any time to fill vacancies, by Local Governments or Administrations, on sufficient proof being adduced by certificates of the Officers by whom they are recommended, that they are likely to be efficient and useful Upper Subordinates, and that the needful conditions have been complied with.

Soldiers at the Thompson College.

6. Soldiers are permitted to study at the Thompson College for the purpose of qualifying themselves for the situation of Overseer, under rules laid down in General Orders by the Commander-in-Chief, which can be ascertained from the Principal. They will go through 2 Sessions

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pure + mixed

Elementary

and by

TESTS FOR APPOINTMENT OR PROMOTION.

Upper Subordinate Establishment.

at the College of theoretical training: all who pass successfully will be appointed as Overseer Apprentices and will spend a third year in acquiring the practical part of their education. These Overseer Apprentices will be sent in batches of from 4 to 6, to such provinces and branches of the Public Works as the Government of India may direct, and each batch will be located at the site of some large and important work under the charge of an experienced Upper Subordinate selected as an Apprentice Instructor.

7. During this third or "Apprentice" year, they will retain their position of "Students," and will continue to be borne on the College Lists—in the case of Soldiers, on their Regimental Lists also. The Military pay and batta of Soldiers (together with clothing and bedding) will be drawn from the Military Department (as during their College course) by the Executive Engineer under whom they are serving. They will in addition be provided with free quarters, and receive a "Staff" allowance sufficient to bring their total consolidated pay to Rs. 80 per mensem: married men will in addition to the above consolidated pay receive the usual Regimental allowance for wife and children. 2nd grade Apprentices will receive Rs. 60 per mensem as salary with free quarters: 3rd grade Apprentices will receive Rs. 40 per mensem.

8. It will be the duty of the Instructor to report quarterly to the Executive Engineer on each Candidate, and the permanent appointment of each Apprentice to the Public Works Department will depend upon the opinion submitted by his Executive and Superintending Engineer to the Local Government, in regard to his steadiness, temper, intelligence, industry, and practical knowledge of the descriptions of work in which he has been instructed.

9. If this report is satisfactory, the passed Apprentice will be posted to the Department with the rank and pay of Overseers of the grades to which they respectively belong.

10. An Outfit allowance of Rs. 150 will be granted to the passed 1st grade Apprentice on his appointment to the Department.

11. Soldiers serving with their Corps who desire admission into the Department as Overseers, and who are capable of passing the required examination without going through the course of instruction at the Thomason College, will make their wishes known to their Commanding Officer, who, if there be no objection on the score of bad character, or the demands of the Military Service, will, when in the vicinity of any Government Civil Engineering College, arrange with the Principal for their being examined there.

12. In case of the Candidate being at too great a distance from any Civil Engineering College to be examined personally by the Principal, the Commanding Officer will apply to the Principal of the nearest one for examination papers, which on receipt he will make over to the Executive Engineer of the District or his Assistant (not being on probation), whose duty it will be to conduct the examination. The Examining Officer will forward the Candidate's original answers and work, with such report as he may deem necessary, to the Principal of the College, by whom a Certificate will be granted or withheld as he may judge to be right from the papers and report.

Soldiers with their Corps near the College.

When at a distance from the College.

Certificates to
Soldiers.

13. Having obtained the necessary certificate of the Candidate's qualifications, the Commanding Officer will transmit it, with the usual descriptive and character rolls, through the regular channel, to Army Head Quarters, whence, with the sanction of the Commander-in-Chief, the papers will be transferred, for registry of the application, to the Office of the Secretary to the Government of India, Public Works Department. These men, when appointed, will be made Overseer Apprentices 1st Grade and will be dealt with as described in para. 8 retaining their position on their Regimental Lists.

Soldier Can-
didates, prac-
tical men.

14. In the case of Soldiers who are desirous of being admitted into the Department under paragraph 4, on the ground of practical qualifications only, the Commanding Officer, should he see no objection, will apply to the nearest Executive Engineer, who will, in communication with the Superintending Engineer, subject the Candidate to such tests as may appear proper. On being satisfied that the man is qualified, a Certificate to that effect, signed by the Executive Engineer and Superintending Engineer, will be granted. In the case of Royal Engineer Soldiers, production of a Certificate signed by the Officer Commanding the Sappers and Miners will be sufficient proof of qualification for admission into the Department. These Certificates should only be granted to steady Soldiers of good character.

Royal Engi-
neer Soldiers,
practical men.

Civilians.

15. Qualified Candidates, not in the Army, may be appointed to fill vacancies in any of the three grades of Overseers, as may be considered desirable in each case.

Procedure for
their admis-
sion.

16. Civilians (not being Students of a Civil Engineering College) desirous of being appointed to the Upper Subordinate Establishment, should apply to the Executive Engineer of the District in which they reside, who, on being satisfied that the Candidate bears a good character, and appears likely to come up to the standard of qualification, and is not above 25 years of age, will in the first instance send him to the nearest Government Medical Officer in charge of a Hospital, who shall be required to examine him. The Medical Officer, being satisfied as to the individual's physical fitness for employment, will furnish him with a Certificate to the following effect:—

Authority,
Financial
Department
Notification
No. 6203 of
16th October
1874.

I do hereby certify that I have examined a Candidate for employment in the Public Works Department, named — and cannot discover that he has any disease, constitutional affection, or bodily infirmity unfitting him, or likely to unfit him, for the public service in any part of India.

" (Signed) " A. B."

" Surgeon."

14. A. Lower Sub^s will be admitted to the U. Sub^s Estab^t only on passing the Exam^t for Overseers as laid down in para 2. Lower Sub^s desirous of admission into the U. S. Estab^t will make their wishes known to the District Engineer who will arrange with the Principal of the C. S. College for their being examined. These Exam^t will be conducted in the same way as laid down for Soldiers in paras 11 and 12.

15. A. Saved Civilian Students of the 2nd best of the C. S. College may be appointed to the best as Apprentice Overseers in any of the three Grades and will spend a third year in acquiring the practical part of their profession in the same way as mil^d Students — during this third year, they will receive of the 1st Grade Rs 80 per mensem, of the 2nd Grade Rs 60, and of the 3rd Grade Rs 40, with free quarters in each case —

17. On being presented with this Certificate, the ~~Exe-~~ Examination ~~the~~ Engineer will send the Candidate to a Government of Civil Candidates. Civil Engineering College, if there is one within a short distance, otherwise he will apply to the Principal of the nearest of these Colleges for examination papers, or if he be a Candidate for appointment under paragraph 4, will take necessary steps for ascertaining his practical qualifications in the manner prescribed in paragraph 11. The theoretical examination will be conducted as above laid down for Soldiers. On a certificate being obtained, the ~~Executive~~ Engineer will transmit it, with the Medical Certificate and report stating the residence, age, and character of the Candidate, through the Superintending Engineer, to the Chief Engineer, by whom the papers will be forwarded for registry in the Office of the Secretary to the Government of India, or of the Local Government, as the case may be.

18. Passed Students of the Second Department, Thomas College, to the extent to which appointments may be guaranteed, have a prior claim to appointment as Apprentice Overseer and to succeed to vacancies in the Upper Sub-ordinate Establishment.

19. In order to secure that they may, as far as possible, be filled up in this way, vacancies occurring in the strength of the Upper Subordinate Establishment of a Province will not be filled up as soon as they occur, but will remain open until the next annual examination of one of the Civil Engineering Colleges. The Students who pass at this examination will be distributed to the extent specified in the preceding paragraph, by the Government of India, as Apprentice Overseers among the different Provinces, to fill the vacancies then existing. If there be not sufficient vacancies for all the passed Students in the case of the Thomason College, then the Candidates in excess of the required number will be posted to different Provinces as Supernumeraries.

20. If, on the other hand, the number of Students qualified, or for whom appointments are guaranteed, be less than the number of vacancies, the remaining vacancies will be filled up by passed Students of the Civil Engineering Branch of the Presidency College, to such extent as the Government of India may consider proper. Any vacancies that may still remain unfilled, may, after a reference to the Government of India, be filled up by the appointment of qualified Candidates who have not passed through a Government College, from the Register referred to in paragraphs 9 and 13. Appointments of this class will be made by the heads of the Local Government and Administrations. . . .

1. The Candidates

of not-qualified
under para
4 will be app^d
as Apprentices
Overseers in the
same way as
passed students
of the 2nd bell
of the C^o of Wye.

4. Year Clinic

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TESTS FOR APPOINTMENT OR PROMOTION.

Section II.]

Upper Subordinate Establishment.

Overseers for survey duties.

21. Persons capable of conducting all the practical operations of an ordinary survey with the Theodolite, and of plotting and preparing maps, who may be required for the service of the Public Works Department, may be entertained as Overseers for survey duties, on the same footing as Overseers for general duties, subject to the rules above laid down in regard to the right of succession to vacancies.

Probation and posting.

22. All Overseers, except men promoted from the Lower Subordinate Establishment, and those who have undergone a years training as Overseer Apprentices will be considered as on probation for one year, and no man, with the exception named, will be appointed permanently to the Department in this rank till he has passed through his probation, and been recommended for permanent employ as in para. 20. Overseers while on probation will be employed as far as possible at Head Quarters of Divisions, under view of the Executive Engineer, and whenever it is practicable to do so, they should be placed under the immediate orders of an Assistant Engineer, or experienced Upper Subordinate, for instruction in their duties.

and to be reported on after a year.

23. On completing their probationary service, the Overseers will be reported on by the Executive Engineers under whom they have been serving. If satisfied with their conduct and qualifications, the Superintending Engineer will recommend their permanent appointment to the Department; if not fully satisfied, he may order them to be kept on probation for any further period, not exceeding one year; if he be of opinion that they are not qualified for permanent employment as Overseers, he will recommend their being re-manded to their Corps, if Soldiers; or discharged, if Civilians.

Permanent appointment.

24. Overseers considered deserving of permanent employment will be gazetted as permanently appointed to the Department, under the orders of the Local Government or Administration.

Soldiers to be transferred to Unattached List.

25. Soldiers, on being first appointed on probation to the Department as Overseers, will be transferred to the Unattached List of the Presidency to which their Regiment may belong at the time of appointment. Applications for such transfers are to be made by Local Governments and Administrations, without reference to the Government of India, in the manner directed in Chap. V., Sec. iii, paragraph

This Establishment will be entirely distinct from the establishment of Overseers for general duties.

The Secretary to Govt.

Upper Subordinate Establishment.

[Section II]

26. In ordinary cases the grades of the Upper Subordinate Establishment above Overseer of the 1st Grade will be filled by promotions from the lower to the next superior grade, and no one will, as a rule, be admitted into this branch of the Department otherwise than by entering as an Apprentice Overseer in one of the three grades (see paras. 5, 6, and 12).

27. Promotions will commonly be made by selecting the individual who, from his good conduct, superior management as a Departmental Officer, and the possession of a higher degree of a professional knowledge as evinced by his passing the test laid down in the following paragraph, shall appear to be the most deserving of advancement.

28. Any one in the Upper Subordinate Establishment may be permitted to undergo an examination in Geometry, Trigonometry, Surveying with the Theodolite, Elementary Mechanics, the ordinary rules of construction and modes of preparing materials, and in preparing designs and estimates not requiring much scientific knowledge or professional skill. The examination will be held, at the requisition of the Chief Engineer, either at one of the Civil Engineering Colleges, or on examination papers obtained by the Chief Engineer from the College. In the latter case, it will be conducted by two Officers of the Engineer Establishment, or of the Corps of Royal Engineers, of whom one must have served at least three years in the Department. The whole of the work of the Candidate must be done in presence of at least one of the Examiners, and their report, with the original papers, will be sent to the Principal, who will inform the Chief Engineer of the result, granting a certificate if the examination has been successfully passed. If the character and practical qualifications of the Candidate be favorably reported of by the Chief Engineer, the certificate will be forwarded by the Local Government or Administration to the Government of India, in order that the passed Candidate may be distinguished in the General List by having the letter A affixed to his name. The same distinction is given to students of the Subordinate Classes who pass by the higher or College standard at Roorkee.

29. The examination prescribed in paragraph 28 may be dispensed with in the case of persons of good character, who may possess special and superior qualifications as practical Engineers. Promotions on these grounds may be made by Local Governments or Administrations. But in no case will any one be admitted to the Upper Subordinate Establishment who has not passed the test for Overseers, unless he be

Promotion of
Upper Subor-
dinates,

Sub-Engi-
neer's exami-
nation.

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holding a higher Cert. than
that of Overseer,

shall appear to be the most
deserving of advancement -

and
50 - 51 - 52

hand, and must be an expert arithmetician and rapid computer. Upper Subordinates in the Executive Branch, who have passed the test for Sub-Engineer, may be admitted to the Accounts Branch of the Public Works Department without further examination; but those who have passed the test for Overseer only, will be required to pass the special examination for the Accounts Branch, except in cases when Candidates shall have displayed such capacity in their accounts as shall be considered sufficient by the Government of India to prove their fitness for the Accounts Branch.

3. The qualifications of Candidates will be attested by Certificate certificates from the Principal of one of the Government Civil Engineering Colleges. The examination will be conducted in the same manner as that prescribed for Overseers. Candidates may also be examined and passed by the Accountant General, Public Works Department.

4. Any person qualifying under the above conditions will be eligible for appointment to the Accounts Branch of the Department on the occurrence of a vacancy, but the preference will be given to qualified persons who are already employed in some capacity in the Public Works Department. Selection of qualified Candidates.

5. All Accountants will be considered as on probation for one year, and will not be permanently appointed until favorably reported on after the expiration of that period of probationary service. Probationary services.

6. After appointment, an Accountant of the 4th grade will be required to pass an examination in divisional accounts which will be conducted by the Controller or Deputy Controller of the Province in which he is serving, under instructions from the Accountant General, Public Works Department. Test in Divisional Accounts.

7. Promotions from one grade to another in the Accounts Branch of the Department will be made by merit, without reference to seniority. But no Accountant, 3rd Grade, will be eligible for promotion to Accountant, 2nd Grade, until he shall have passed the examination laid down in the following paragraph. Test for promotion.

8. This examination, which will be held half-yearly, in January and July, will include the subjects connected with the duties of an Accountant, comprising the principles and practice of Book-keeping, and the rules and forms of Accounts in use in the Public Works Department. Candidates will also be required to write quickly and correctly from dictation in a legible hand, to have a sufficient knowledge of Examination for promotion to Accountant, 2nd Grade.

qualified under paragraph 4; and in like manner no one will be admitted as a Sub-Engineer without, in addition to the above, fulfilling one of the further tests laid down for that rank in paragraphs 28 and 29.

Warrant Officers who hold Commissions.

30. Warrant Officers in the Upper Subordinate Establishment, who receive honorary commissions, will, as a rule, be promoted to the rank of Assistant Engineer. Those who are in any of the grades of Sub-Engineer, will be placed in the corresponding grades of Assistant Engineer, and all others will be placed in the 3rd grade. ~~These promotions will, in the case of Local Governments, be made by the Lieutenant-Governor, and in case of Local Administrations, by the Government of India.~~ They must be considered as special, and the Officers promoted as additional to the sanctioned number of Assistant Engineers, a corresponding reduction being made in the total number of Upper Subordinates, and the number in each grade adjusted accordingly. Warrant Officers promoted under this rule must not look for promotion beyond the first grade of Assistant Engineers, the Staff pay of which corresponds with that of Sub-Engineers, 1st Grade. They may have the option of retaining the allowances as Subordinates in preference of those of Assistant Engineers.

Examination in Native Languages.

31. Upper Subordinates, other than Natives of India, whether Civil or Military, may be examined for the Lower or Higher Standards in ~~the Native languages~~, under the same rules as members of the Engineer Establishment. Civil Upper Subordinates who have been born and brought up in India, and who are presumed to have thus had greater facilities for acquiring the Native languages, will receive Rs. 90 for passing by the Lower Standard, and Rs. 150 for afterwards passing by the Higher Standard, or Rs. 150 for passing by the Higher Standard at once. All others will be allowed double these sums. The allowances given to Military Subordinates are detailed in Appendix A, Section II.

Section III.—ACCOUNTANTS.

Mode of admission to the Department.

1. In ordinary cases, the grades of Accountants above that of Accountant, 4th Grade, will be filled by promotions from the lower to the next superior grade; and, as a general rule, no one will be admitted into the Department otherwise than by entering as an Accountant, 4th Grade.

Test for Accountant, 4th Grade.

2. For admission to the Department as an Accountant, 4th Grade, the Candidate must bear a good character, must be able to write correctly from dictation in a neat and legible

Departmental local education / any of the ~~native~~ vernacular languages of the Presidency.

Departmental 160/250.

5th

5th

must have passed in

with previous marks 140/250.

5th

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TESTS FOR APPOINTMENT OR PROMOTION.

Section III.]

Accountants.

English composition to be able to draft letters on ordinary matters of business with correctness and facility. They must also possess a competent knowledge of mensuration and logarithms.

Application for examination.

9. An Accountant desirous of undergoing the examination will apply to the Controller of the Province in which he is serving, who, if satisfied that the applicant has a reasonable chance of passing, and is in other respects qualified for promotion, will forward the application to the Accountant General, Public Works Department. The Accountant General will thereon supply sealed examination papers from his Office at the next half-yearly examination.

Examination for Accountant, 2nd Grade.

10. The examination will be conducted in the presence of the Controller or his Deputy in the case of Accountants attached to the Central Office of Account; and either in their presence or in that of an Executive Engineer in the case of Divisional Accountants; the Candidate being allowed the use of the Public Works Department Code, Forms, &c., where directed on the examination papers, but no assistance otherwise. On the examination being concluded, the officer who conducted it will forward the original papers to the Accountant General. The result of the examination will be announced by that officer, and if the Candidate has passed satisfactorily, a certificate of qualification will be issued from his office, and the Government of India informed in order that the passed Candidate may be distinguished in the Half-yearly Classified List by having the letter A affixed to his name. For further details regarding this examination, see Appendix A.

Examination may be dispensed with in certain cases.

11. The examination prescribed in the foregoing paragraph may be dispensed with in the cases of persons of good character, not already belonging to the Accounts Branch of the Department, who may possess special and superior qualifications as Accountants. In such cases, the power of appointment will rest with the Government of India.

Transfer of Accountants.

12. Accountants are liable to be transferred from one Province to another by the Government of India, according to the requirements of the service.

Examination in the Native languages.

13. The rules laid down in Chap. II, Sec. ii, para. 83, for examination in Native languages of Upper Subordinates, and the remuneration to be granted for passing such examinations, are applicable also to Accountants other than Natives of India.

Engineer Establishment.

[Section iv.]

14. An Annual Report, in Form No. 75 B, on the efficiency of the Accountants in each Province, will be submitted by the Controller or Deputy Controller in charge, to the Accountant General, Public Works Department, on the 31st October, or as soon after that date as possible.

Section iv.—ENGINEER ESTABLISHMENT.

1. The Engineer Establishment of the Public Works Department, as limited by the demands of the public service, is recruited from the following sources. In ordinary cases, no one will be admitted to this branch of the Department except as an Assistant Engineer or Apprentice.

2. Apprentices will be appointed from the Civil Students of Indian Colleges and other Civil Candidates.

3. Assistant Engineers will be appointed—

(1) From Officers of the Corps of Royal Engineers serving under the Government of India.

(2) From the Civil Engineers sent out annually from the Royal Indian Engineering College.

(3) From such passed students of the Thomason College who may be specially recommended and to the extent to which appointments may be guaranteed.

(4) From Officers of the Indian Staff Corps not above the rank of Captain, or probationers for the Staff Corps who have passed the examination prescribed in paragraph 11.

(5) From other persons, European, East Indian, or Native, who may be qualified under paragraphs 16, 17, and 18.

4. Young Officers of the Royal Engineers having passed the prescribed period with the Sappers and Miners will, on the report of the Officer Commanding that their services are available, be placed, on application, at the disposal of the Public Works Department, and be appointed permanently at once.

5. Officers of the Royal Engineers (Imperial Establishment) of high standing will be employed in the Public Works Department on the following conditions.

6. On an Officer reporting his arrival in India, and intimating his desire to be employed in the Public Works Department, application will be made for his services, and on

First appointment of R. E. Officers.

Employment of R. E. Officers of standing.

Cases will be considered on arrival in India.

may
The Civil Engineering

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Engineer Establishment.

their being placed at the disposal of the Public Works Department, his case will be considered with reference to what Branch of the Department he is most suited for, having regard to his special qualifications and past service, and to the requirements of the service in India at that period, he will then be posted, as a Supernumerary, to do duty for six months in the office of some selected Officer of experience, to give him the means of learning the special business which the service of India requires of him. If at the end of six months he is reported fully qualified, he will be permanently appointed to the grade in which the Government of India decides to place him, otherwise he will be required to wait till so reported on; and, under any circumstances, he will remain as a Supernumerary on the pay of an Executive Engineer of the 4th grade until his grade is determined on.

Permanent appointment to the P. W. D.

First appointment in a class higher than that of Assistant Engineer.

7. As a rule, all Officers, whether Civil or Military, who, on first joining the Department, are appointed in positions not higher than 4th grade of Executive Engineer, will be required to pass the Departmental standard of proficiency in Hindoostanee (see para. 22 of this Section), but this rule will be relaxed in the case of gentlemen of more mature age and experience entering the Department in ranks higher than 4th grade Executive Engineer. Such Engineers should, however, be encouraged to pass the colloquial examination or other higher tests, and those who do pass will be regarded as having a superior claim to promotion, though these tests will not be absolutely demanded.

First appointment of practised Civil Engineers of College Students,

8. Civil Engineers, who have actually practised their profession, may be brought into any grade deemed suitable on first joining the Department.

9. Passed students of the Thomason Civil Engineering College will be appointed apprentices, or, when specially recommended, in the 3rd grade of Assistant, and will be considered on probation for one year. There is no fixed length of service in the grade of Apprentice, but promotions from that grade to Assistant Engineer, 3rd Grade, will be made in the usual way.

and of Military Officers not of Royal Engineers.

10. Officers of the Staff Corps who have passed the tests given in paragraphs 10 and 11 will be appointed to the 2nd grade of Assistant Engineer with permanent rank.

Promotion of Military Upper Subordinates to the Engineer Establishment.

11. Warrant Officers in the grades of Conductor and Sub-Conductor, also Non-Commissioned Officers and Soldiers, when promoted from the Upper Subordinate Establishment to the Engineer Establishment, are required to take their discharge from the Army, and will count their whole Depart-

in one of the vernacular languages of the Presidency.

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may be taken up to 2 degrees

13. etc.

mental service towards Civil pension. This rule does not apply to Warrant Officers of higher rank than Conductor, who, by virtue of such rank, receive Honorary Commissions, and in consequence hold an honorary position in the Engineer Establishment; but in any case in which a Warrant Officer so circumstanced is considered by the Government of India to be entitled by merit also to a position in the Engineer Establishment, the question of extending the privilege to him will be considered by the Government of India.

12. All other persons will enter as Assistants of the 3rd Grade or as Apprentices, according as the Government of India may deem suitable. They will be on probation for one year.

13. No officer of the British Service (with the exception of Royal Engineers) is eligible for appointment to the Public Works Department unless as a probationer for the Staff Corps. Military Officers desirous of entering the Public Works Department (with the exception of Royal Engineers, from whom no preliminary examination is required) may, if eligible for the Staff Corps, apply through the usual channel to the Officer Commanding the Station, who will arrange with the Principal of the nearest Government Civil Engineering College for the examination of the Candidate, if within a moderate distance, or for the supply of examination papers (to be delivered sealed to the Examiners), if the Station be at a great distance from the College. The Examiners must be at least two in number, and shall be officers of the Engineer Establishment, or of the Corps of Royal Engineers, of whom one must have served at least three years in the Department. They shall meet at such time and place as may be convenient, subject to approval by the Commanding Officer of the Station. The Examiners may be selected by the Chief Engineer.

14. The examination will include Arithmetic, Mensuration, Geometry, Algebra, Plane Trigonometry, Mechanics, (including the general principles of the stability of structures and strength of materials), Hydraulics, the nature and preparation of materials, and the ordinary practical rules of construction. The ability of the Candidate to frame ordinary designs and estimates, on being furnished with the rates of work, and to survey with the Theodolite, Compass and Chain, and to level, will also be tested.

15. The report of the Examiners, with the Candidate's original work (done in the presence at least of one Examiner), shall be forwarded by the Examiners direct to the Principal.

of the College, who shall communicate the result of the examination to the Commanding Officer of the Station, forwarding a Certificate if he decide that the Candidate has passed. The Certificate shall be transmitted by the Commanding Officer to Army Head Quarters, in order that the qualification of the Officer may be notified in General Orders, and recorded in the Army List.

16. All other Candidates for employment as Assistant Engineer or Apprentices must apply (through their official superiors if in Government employ) to the Chief Engineer of the Province in which they reside. The Chief Engineer will arrange for their being examined, as laid down in paragraphs 10 and 11. The Candidates must, in addition to the examination there prescribed, have a fair colloquial knowledge of the Hindoostanee language, and must give proof that they have received a liberal education, to which end they must produce satisfactory evidence of having graduated at some recognized University, or must pass the examination laid down in Appendix A), omitting the subject of Fortification.

17. Certificates granted by the Principals of the Government Civil Engineering Colleges to Students, of their having passed the examination above prescribed, will always be considered as sufficient evidence of professional and educational qualification. The Principals of the Government Colleges are also authorized to grant Certificates to persons, not Students, who may be examined by them on the application of the Chief Engineers.

18. No person not in the service of Government will be appointed Assistant Engineer on evidence of professional and educational qualification alone, but must also satisfy Government as to his character.

19. Gentlemen thoroughly acquainted with the theory and practice of surveying in all its branches, who may be required for service in the Public Works Department, may be entertained as Surveyors on salaries and allowances as for Assistant Engineers.

20. An Assistant Engineer of the 3rd Grade, before he can be promoted to the 2nd grade, or if appointed to the 2nd grade before promotion to 1st grade, must pass the examination prescribed in the next paragraph. An Assistant Engineer desirous of undergoing this examination will apply to the Chief Engineer, and, in forwarding this application, the Executive and ~~Superintending~~ *district* Engineers under whom the Candidate is serving will attach a special report upon those points of qualification which cannot be

Engineer Establishment.

[Section IV

tested by examination, especially in regard to his physical energy and efficiency in practical work, and capacity to manage those under his authority. These reports shall always be considered preliminary to the examination, and the Candidate shall not be entitled to be examined until such reports have been made to the local head of the Department and found satisfactory.

21. The examination which every Assistant Engineer of the 3rd Grade will be required to undergo before he can be promoted will be such as to show that he is capable of preparing designs and estimates for all descriptions of buildings and works usually required of Executive Engineers; that he is acquainted with the processes for preparing materials, and with the modes of construction in use in India; that he has a good knowledge of resources of the districts in which he has been employed, as to materials, and of the best mode of applying them, and that he understands the management of work-people; also that he has made himself acquainted with the rules of, and is conversant with the forms of account in use in, the Department.

Details of the examination.

22. The examination will be conducted by a Committee convened by the Chief Engineer, and composed of one Chief or Superintending Engineer as President, and two Officers of the Engineer Establishment or of the Corps of Royal Engineers, of not less than three years' standing, as members. The record of the Committee's proceedings (Form No. 78), together with the preliminary report prescribed in para. 17, and with the Chief Engineer's observations and recommendation, will be submitted to the Local Government or Administration or to the Government of India, as the case may be, by whom the appointment will be made. Successful Candidates will be brought on to the permanent strength of the Public Works Establishment as Assistant Engineers of the 2nd grade, with effect from the date of their passing the examination, provided that they have then served one year in the 3rd grade.

Made of conducting it.

23. The Government of India may, in special cases, dispense with the examination, or reduce the period of service on probation. Exceptions.

24. Before an Assistant Engineer of the 2nd grade can be promoted to the 1st grade of that class, he must pass a colloquial examination in Hindoostanee, or in the language of the district in which he may be employed. This examination will be conducted by a Committee of three Officers of the Public Works Department, assembled under the orders of a

Superintending Engineer. The Committee will prepare twelve questions, or short sentences, on matters relating to the duty of an Engineer in connection with his works, which the Candidate will be required to translate *viva voce* into Hindoostanee (or other district language) at once on their being read to him, in a sufficiently accurate manner to be intelligible to a Native. If the Committee consider that the translation has been sufficiently accurate, they will certify the fact; and further that the Candidate has conversed intelligibly with a Native workman in their presence. This certificate is to be forwarded, with a copy of the questions or sentences, to the Superintending Engineer, who will add his opinion as to the sufficiency of the questions, and his belief, formed on personal communication, as to whether the Candidate has really acquired the colloquial knowledge necessary for the satisfactory performance of his duties. On these Certificates being approved by the Local Government or Administration, the fact of the Candidate having passed should be notified in the local Gazette, where there is one, and in other cases should be notified in Part II. of the *Gazette of India*, and the mark † should be entered against his name in the Classified List.

25. No Assistant Engineer shall be promoted to the rank of Executive Engineer 4th Grade until he shall have passed the examination for the first or Lower Standard, laid down in General Order in the Military Department, dated 1st September 1864 (see Appendix A, Sec. II), in Hindoostanee, or a similar examination in the language of the district in which he may be employed. The Candidate must also be able to read Native letters and accounts, and his ability to do so will be established by a report from the Superintending Engineer, that he has satisfied himself that the person examined is so capable. This standard (including the Lower Standard, together with ability to read letters and accounts) will be called the Departmental Standard, and the letters D. S. will be placed in the Classified List against the names of those who pass. The fact of Candidates passing the Departmental Standard Examination should be notified in the manner indicated in para. 24.

26. When the examination is in any other language than Hindoostanee, the Head of the Local Government or Administration will make use of the most suitable Committee at his disposal, who, under such orders as may be furnished for their guidance, will give an examination equivalent to the Lower Standard in Hindoostanee.

25.A. All officers, who have passed the Dept. Standard in one of the vernacular languages, are further required to pass ^{exam.} within 18 months, a colloquial test in the language of any new district to which they may be transferred.

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following examination, in one of the vernacular languages in the Pres. &c. ~~exam.~~ (laid down in Appendix C. These examinations are, Tamil, Telugu, Canarese & Malayalam.)

27. Any member of the Public Works Department who may have passed the examination in Hindoostanee, commonly called the P. H. Examination, or who may pass the examination according to the present Higher Standard, or similar examinations in the language of the district in which he is employed, is exempt from the operation of the rule in paragraph 25, *but is not exempt from the operation of the rule in para-*

28. Members of the Engineer Establishment, Civil or Military, who are employed at stations where Committees for the examination of Military Officers in Hindoostanee assemble periodically, or within a reasonable distance of those stations, with reference to the means of communication available, will have to appear before these Committees, when desirous of being examined in Hindoostanee according to the Lower Standard. Candidates should apply to the Staff Officer of the station through the Executive Engineers under whom they are serving.

29. When the Candidate for examination does not reside near one of the Military stations at which the periodic examinations are held, and when the Local Government or Administration may consider it desirable that he should be specially examined, such examination shall be held at the nearest Civil station, and be conducted in the same manner as the Mofussil Examination of Junior Civil Servants, by the Commissioner or Judge, with the Magistrate, Joint Magistrate, Sudder Ameen, or a passed Military Officer, if available.

30. *Govt* members of the Engineer Establishment, other than Natives of India, who pass according to the *Examination at out-stations.* Lower or Higher Standards, will be entitled to the following rates of remuneration:—

Rupees 180 for passing, within two years of joining the Department, by the Lower Standard in any languages.

Rupees 180 for, afterwards and within five years of joining the Department, passing by the Higher Standard in Hindoostanee, or

Rupees 360 for passing, within five years of joining the Department, by the Higher Standard in Hindoostanee.

Rupees 500 for passing an examination in a language other than Hindoostanee, equivalent to the Higher Standard in Hindoostanee.

Military Members of the Department will be entitled to the rates of remuneration laid down in the General Order of the Military Department of 9th September 1864, and its

R. S. D. D.

The chief Engineer will examine the report of the Secretary of the Local Committee for the examination of Civil Engineers and arrange for the examination of the candidates in the next ensuing periodical examination held by the Committee of the District in which he is employed.

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25. A.

28. Members of the Engineer Establishment desirous of being examined in the vernacular according to either the Departmental or Higher Standard should apply to the Chief Engineer through the District Engineer under whom they are serving —

Departmental
of the four vernacular
Departmental

The Higher Standard
any of the four vernacular

at the end of the year, the Chief Engineer will examine the report of the Secretary of the Local Committee for the examination of Civil Engineers and arrange for the examination of the candidates in the next ensuing periodical examination held by the Committee of the District in which he is employed.

Section iv.]

Engineer Establishment

subsequent modifications (*vide* Appendix A, Section ii). ^{no} ~~additional~~ allowance will be given ~~either~~ to ~~Civil~~ Military Officers for passing the Departmental Standard: *in either of the first vernacular languages of the Presidency*

Leave to study languages.

31. Executive and Assistant Engineers who have not passed the necessary examinations in the Native language may, at such time as is found convenient, obtain 3 months' special leave for this purpose, without loss of salary or service. The grant of such leave will not affect any privilege leave to which, under the rules, they may be entitled. This leave can only be taken in India, and it may be granted in continuation of any other leave, and *vice versa*, except privilege leave, which latter may, however, be taken in continuation of the special leave, "and may be granted by Local Governments and Administrations."

Travelling allowances to attend compulsory examinations.

32 A. All Officers of the Department, whether Civil or Military, who are compelled to leave their own stations for the purpose of undergoing any compulsory examination, will be allowed travelling allowance to the nearest station to their own at which such an examination is held. Travelling allowance under this rule can only be drawn once for each description of examination.

Posting to charges.

33. The posting of Assistant or Executive Engineers to particular charges will be regulated by the exigencies of the service, without reference to the grade to which Officers belong.

Section v.—SUPERIOR OFFICERS OF ACCOUNTS BRANCH.

First appointment of Assistant Controllers.

1. Assistant Controllers will be selected from Candidates who must pass an examination conducted under the orders of the Accountant General, Public Works Department, the subjects of which and the marks assigned to them are as follows:—

	Full marks.	Minimum required to pass.
Writing and Dictation	150	120
Composition	200	150
Arithmetic, Mensuration and Logarithms	250	150
Algebra	200	120
Geometry	200	120
Total	1,000	750

The Government of India, however, reserves to itself the right to dispense with this examination in the case either of an examination of as high a standard having been passed elsewhere, or of a term of approved responsible work in

analogous situations. A further examination in Book-keeping and departmental accounts, similar to that prescribed for Accountants in Appendix A, Section iii, must in every case be undergone before promotion to Assistant Controller, 1st grade.

2. Assistant Controllers attached to Guaranteed Railways before promotion to Assistant Controller, 1st grade, will be required to pass the test in book-keeping and accounts of the Public Works Department prescribed for Assistant Controllers in the Public Works Department, and a similar test in the accounts of State Railways. They will also be required to pass a local examination in the accounts and audit procedure of the line with which they are connected, as well as in the orders laid down by Government in connection with Guaranteed Railways. Candidates before appearing for this examination will be required to prepare a complete report on the accounts of the line to which they are attached. This report, together with the remarks of the Examining Officer, will be submitted to the Accountant General, Public Works Department.

Departmental
test for Assistant
Controllers attached
to Guaranteed
Railways.

3. Deputy Controllers will be appointed from three of the following sources—

(1).—Members of the Executive Branch of the Department who have passed the prescribed examination either for Executive Engineer or for Assistant Controller, 1st Grade.

(2).—Assistant Controllers, 1st Grade.

(3).—Accountants, 1st Grade.

It will rest with the Government of India to make special and exceptional appointments when needed.

N^o 385.

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 12th Feby: 1876

Read the following:-

Read again:—

From the Government of India (H.R. No 1288.95 E.C. d/19.8.75)

— No —	— No —	— No —	— C —	1322.9 E.C. — 34.8.75
— No —	— No —	— No —	— C —	1288.95 E.C. — 23.9.75
— No —	— No —	— No —	— C —	1288.95 E.C. — 2-12.75

Read the following:-
 Saw the Controller's photo (—) WC d/5th July/75

Ordered that the
following letter be sent
(H.E. No 386 d/12/2/76)

12 W-Br 12 February 190
Q. N. 388-b.

Public Works Dept.
79

No 386 of 12th Feb 1876

To,
The Secy. to the Govt. of India
Public Works Dept.

No 1288-95 E.G. of 2nd Dec 1875

MA

Mr
5/2

of the Govt. of India
Code & ...
25.5.76

With reference to your
letter marginally noted and
in continuation of my letter
No 129 dated the 10th Dec
1875, I am directed to return
a copy of Chapter II of the
Govt. of India Code, in
which is noted the altera-
tions which it is proposed
should be made in the text
in order to adapt it to
the purposes of a Code
for the Madras Presidency

The

2. The alterations in question have, I am to state, been recommended by the Committee appointed under the order of this Govt. of the 23rd Nov 1875 No 3356 after full discussion and consideration, on the ground that they are necessitated by the existing organization of the Department in this Presidency as well as in certain cases by the local peculiarities of the Country.

I am to add that they are accepted by the Most Noble the Governor in Council.

Ans. J.

Ans.

1/11/75

M.S. with Chapter II of Code & Appendix

resp'd - 14-2-76

SC No 101 - 24-2-76

No. 129.

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To the Secy to the Govt of India
P.W.D.

Sir,

I am directed to state with reference to your letter No 1288-95 R.G. that the Revised Chapters II & III of the Govt of India P.W.D. Code are under examination & discussion by a Committee assembled under G.O. No 3356 dated 23rd Nov 75, a copy of which is enclosed, and that Chapter II will be returned very shortly.

16 Dec 75

Sd/- W. Farnell Col.
Offy Under Secy to Govt
P.W.D.

M.S. despd to Govt of India
with Copy of G.O. No 3356
16/12/75

1868 577 1873 980 975
Cobt. of 1873 *Almanac.*

PUBLIC WORKS.

Govt of India

17/11

Date

Issued

Recd.

No. 1.

a. 2. 12 Feb. 1873 No. 385
386

No. 211-213
214

*Recd. by the Registrar
of the Public Works Dept.
Papers ordered in papers from
the Govt of India, relating
to the same.*