

Scheme of Recruitment for the post of Soil Testers

Irrigation Department - Northern Provincial Council

1. Scheme of Recruitment

This Scheme of Recruitment shall be called the Scheme of Recruitment for the post of Soil Testers in the Irrigation Department, Northern Provincial Council. This Scheme of Recruitment is based on the Service Minute of the Provincial Technological Services of the Northern Provincial Council which was approved by the Hon. Governor of the Northern Province on 19.03.2010.

This Scheme of Recruitment will be without prejudice to any action taken or deemed to have been taken according to the said scheme of Recruitment which was approved by the Hon. Governor. The operation of the existing recruitment procedure and promotional schemes will cease from the date of approval of this Scheme by the Hon. Governor.

2. Effective Date:

This Scheme of Recruitment shall come into force from the date approval by the Hon. Governor.

3. Definitions:

- a) Governor - The term 'Governor' means the Hon. Governor of the Northern Province.
- b) Commission - The term 'Commission' means the Provincial Public Service Commission of the Northern Provincial Council.
- c) Chief Secretary- The term 'Chief Secretary' means the Chief Secretary of the Northern Provincial Council.
- d) Secretary - The term 'Secretary' means the Provincial Secretary to the Ministry to which the subject of 'Irrigation Department' is assigned.
- e) Head of - The term 'Head of the Department' means the Department Provincial Director of Irrigation of the Northern Provincial Council.
- f) Service - The term 'Service' means the 'Soil Testers' Service' of the Department of Irrigation of the Northern Provincial Council. This comes under the Minute of the Provincial Technological Services of the Northern Provincial Council.
- g) Active Service - "Period of active Service " shall mean the actual period served by the officer engaged in the duties assigned to him and drawing the salary attached to his post, subject to public requirements or / and matters of public policy.
- h) Satisfactory Service "Period of satisfactory service" shall mean a period of 5 years Service immediately preceding the date of promotion during which all increments earned no punishments has been imposed or no disciplinary action is being taken on the officer concerned.

DDF/2

4. Structure of Salary Scales.

There shall be no cadre ratio from the Training Grade up to Grade I and the total number of posts shall be determined on the requirements of the Department. Following Salary scale will be effective as per P.A Circular 6/2006, 6/2006 (IV) & 07/2008

As per the provision indicated in section 9.4 of the minute of Provincial Technological Services of the Northern Provincial Council, a departmental post namely - Chief Soil Tester is created parallel to the professional services.

Professional Grade - SL - 1 - 2006

Rs.22,935/= - 10 X 645/= - 29,385/= , if not promoted 6 X 645 - 33,255/=

Special Grade - MN - 7 - 2006 - A

Rs.21,125/= - 8 X 365/= - 18 X 500 /= - 33,045/=

Grade I - MN - 3 - 2006 - A

Rs.21,045/= - 19 X 360/= - 27,885/=

Grade II - MN - 3 - 2006 - A

Rs.17,485/= - 18 X 320/= - 23,245/=

The officers in Grade II should pass the 2nd Efficiency Bar Examination prescribed for them before they reach the 4th salary step.

Grade III - MN - 3 - 2006 - A

Rs.15,005/= - 4 X 180/= - 14 X 240/= - 19,085/=

The officers in the Grade III should pass the 1st Efficiency Bar Examination prescribed for them before they reach the 4th salary step.

Training Grade - MN - I - 2006 - A

Rs. 13120/= - 1 X 145/= - 13,265/=

These Salary Scales shall be subject to revision by the Government from time to time.

5. Age Limit and other requirement for Recruitment:

- a. Should not be less than 18 years and not be more than 45 years of age on the date of closing of application. (The upper age limit will not be applicable to candidates who are already in the Provincial Public Service or Public Service)
- b. Should be a citizen of Sri Lanka.
- c. He/She or his/her parents should have been born in the Northern Province or he/she should have had at least three years of continuous and permanent residence in the Northern Province within the six years immediately prior to the closing date of application.

6. Terms and Conditions of Service:

- a. The Post is permanent and pensionable.
- b. He / She contribute to the Widows' and Orphans' Pensions Schemes or to the widowers' and Orphans' Pensions Schemes as the case may be.
- c. Appointment will be made on probation for a period of three years. A confirmed officer, if selected will be placed on trial for a period of one year.
- d. The Conditions prescribed in section 10:6 to 10:6:4 and section 12 of chapter II of the Establishment code and General conditions of appointment in the public service, as advertised in the Gazette of the Democratic Socialist Republic of Sri Lanka are applicable.
- e. The officer will be subject to the Provincial Financial Regulations, the Establishments Code, Departmental orders or regulations and any other orders or regulations that may be made from time to time.
- f. The officer may be required to furnish security in terms of the Public officers' security ordinance in such sum and manner as the Head of the Department may decide.
- g. The officer is transferable and is liable to serve in any part the of Northern Province

6.1. Transfer

All transfers will be done as ^{per} ~~para~~ chapter III of the Establishment ^{Code} ~~code~~ and the ^{Transfer} ~~policy~~ of the Northern Provincial Council. n

7. Cadre

The cadre shall be shown under the respective heads and programmes in the annual estimate.

Number of Posts in Each Grade.

There will be no cadre ratio from the grade III up to grade I and the composition of the grades shall be determined without exceeding the approved total number of posts taking in to consideration the promotions received by officers. The cadre in special grade shall be recommended by the Northern provincial Technological Service board based on Service Requirement subject to the provisions laid down in sub section 3.2 (e) of the ~~Minute~~ *Minute*.

The number of departmental post - Chief Soil Tester parallel to the professional services is one.

8. Recruitments.

a. All the recruitments shall be in accordance with the provision of the Establishments Code and Public Administration Circulars that have issued from time to time.

(a) 90% of the vacancies in Grade III which is the recruitment Grade shall be filled from the external candidates through an open competitive examination while 10% of the vacancies shall be filled from the qualified Departmental candidates.

(b) However, the number of vacancies which remains thereafter can be filled strictly from the external candidates based on the results of the open competitive examination, only if internal candidates who possess the basic qualification prescribed in para 8.3.2 and professional qualifications prescribed in para 8.3.1(c) of the Minute are not available in the Department.

Note:

However the number of vacancies due to be filled by the internal candidates in para 'a' and 'b' above shall also be reserved for outside candidates where there are no sufficient number of internal candidates.

b. Recruitment Qualifications:

i. External Candidates

(a) For admission to the Training grade, the candidates should have passed the G.C.E. (A/L) Examination in 03 Science subjects with passes in Combined Mathematics / Applied Mathematics / Pure Mathematics and Physics in one sitting together with a pass in the G.C.E. (O/L) Examination in 06 subjects in not more than two sittings with credit passes in language or Literature, Mathematics, Science and one other subject.

Note:

Action in respect of the candidates who are qualified to enter a training grade of the Technological Service from the open competitive examination will be taken in the following manner.

- (i) Candidates with the qualifications prescribed in para. 6.3.1. (a) shall be placed on the initial step of the salary scale entitled to Grade III on passing the relevant examination after satisfactory completion of the two year theoretical and practical training relevant to the syllabus prescribed in Annexure - II.
- (ii) There is an opportunity for the apprentices who are unable to pass the examination held at the end of their period of training in accordance with (i) above to get their period of training extended by another period of not more than 6 months. However, the services of apprentices who fail the said examination even at the end of that period of extension shall be suspended.

ii. Internal Candidates.

Departmental employees possessing 6 subjects with credit passes in Language or Literature, Mathematics and Science at the G.C.E. (O/L) Examination in not more than two sittings and 10 years experience in the relevant field and with 5 years experience in the relevant field together with the technical qualification mentioned in 8.3.1 (c) of the minutes shall be included in the training grade on the results of a Departmental examination. Selection shall be made from persons who have completed at least 5 years satisfactory service in Grade I of the skilled Technical grades.

Note:

- (i) Candidates selected for the training grade from Departmental employees on the results of a Departmental Test shall be included into Grade III of Sri Lanka Technological Service on passing the examination held by the Department / PPSC after successful completion of the period of two years theoretical and practical training relevant to the syllabus prescribed in Annexure - II.
- (ii) These officers while being in the training grade shall remain on their former salary scale and they shall be paid an allowance equivalent to the initial salary increment of the recruitment grade of Sri Lanka Technological Service in addition to their salary until they pass the examinations held by the Department / PPSC at the end of training course. An officer who has a satisfactory service in the training grade shall be placed on the higher step of their existing salary scales in the 2nd year and the allowance shall be paid further. However, on successful completion of the examinations, the salary conversion shall be made in accordance with the provisions laid down in the Establishment Code as revised by Public Administration Circular No. 07/2000 dated 02.03.2000.
- (iii) There is an opportunity to the apprentices who are unable to pass the examination held at the end of their training to get their period of training extended by another period of not more than 06 months. However those who fail the examination held at the end of such period of extension shall be reverted to their former posts.

c. Confirmation in Service

An officer appointed to class III of the service on the results of the qualifying examination shall be on probation for a period of three years. He / She will be confirmed at the end of this period provided that He / She has passed the first efficiency bar examination and if his / her service and conduct have been satisfactory during the above period.

A confirmed employee if selected will be subjected to a trial period of one year. He / She shall be confirmed at the end of the year provided his / her service and conduct has been satisfactory during the above period. However these officers are required to pass the first efficiency bar examination before reaching the third salary increment.

9. Control

Subject to the general provisions, the service shall be under the control of the Commission.

10. Scheme of Promotion

a. From Grade III to Grade II

(i) Officers in Grade III with five years satisfactory service and who have passed the 1st Efficiency Bar Examination and 1st Departmental Examinations meant for Soil Testers in Grade III shall be promoted to Grade II.

(ii) Officers who have passed the Efficiency Bar Examination prescribed for Grade III with 12 years service in Grade III and having completed five years of satisfactory service preceding the date of promotion shall be promoted to Grade II.

b. From Grade II to Grade I

(i) Officers who possess 4 years of satisfactory service in Grade II, preceding the date of promotion and have passed the second Efficiency Bar Examination and 2nd Departmental Test prescribed for the Soil Testers in Grade II shall be promoted to Grade I.

(ii) Officers who possess a service of 10 years in Grade II, and have completed 5 years of satisfactory service preceding the date of promotion and have passed the Efficiency Bar Examination prescribed for Soil Testers in Grade II shall be promoted to Grade I.

c. From Grade I to Special Grade

(i) 40% of the vacancies in special Grade shall be filled from Soil Testers who have completed 4 years of satisfactory service in Grade I as at the date of promotion and have passed the prescribed examination as per the syllabus prescribed in Annexure -IV.

(ii) 60% of the vacancies in special Grade shall be filled from Soil Testers who have completed 06 years of service in Grade I and have completed 5 years of satisfactory service preceding the date of promotion and based on the seniority and merit.

Note:

1. If the number of the approved posts in special Grade is less than 5, the percentages indicated in para "a" and "b" above shall not be applicable. Filling of such vacancies shall be made based on the seniority and merit of the officers.
2. When the number of approved posts in special Grade is 05 or more and the number of vacancies of the year is 04 or less the filling of vacancies shall be made based on the seniority and merit of the qualified officers.
3. The results of the competitive examinations held annually for the filling of vacancies in special Grade shall be made applicable only to fill the vacancies in the respective year.
4. In the filling of vacancies under sub para. "a" and "b", above the number of vacancies that fall under para "b" shall be filled at the first instance and the number of vacancies that fall under para "a" shall be filled at the second instance.

d. From Special Grade to (Parallel to Professional Grade) Chief Soil Tester

(i) Officers who have passed the 3rd Departmental examination prescribed for the Soil Testers conducted by the Commission, with 15 years of total service, out of which a minimum of 5 years service should be in Class I of the Provincial Technological Services of the Northern Provincial Council, shall be promoted as Chief Soil Tester (Parallel to Professional Grade).

or

(ii) An officer in the special Grade of the Provincial Technological Services of the Northern Provincial Council with a total of 21 years of service and passed the 2nd departmental examination for Soil Testers conducted by the commission, is eligible for promotion as Chief Soil Tester (Parallel to professional grade)

(iii) The appointment on promotion shall be based on seniority and merit and selection shall be through a well structured interview.

11. Departmental Tests and Efficiency Bar Examinations.-

1. Efficiency Bar Examinations

- (a) Efficiency Bar Examinations of Grade III and Grade II of Provincial Technological Services of the Northern Provincial Council shall be held by the Commission. The syllabus shall consist of the subject of Establishment Code and Provincial Financial Regulations. All the Efficiency Bar Examinations shall be written examinations and passing of such examinations are compulsory.
- (b) An officer shall pass the 1st Efficiency Bar Examination within a period of three years from the date of appointment to Grade III and 2nd Efficiency Bar Examination within a period of three years from the date of appointment to Grade II.
- (c) Officers in Grade II as well as the officers in Grade III with 5 years service and who have passed the 1st Efficiency Bar Examination can appear for the 2nd Efficiency Bar Examination.

Note: Subjects and the syllabus of the above Efficiency Bar Examination are mentioned in Annexure III.

2. Departmental Tests.

- (a) 1st and 2nd Departmental examinations prescribed for the officers in Grade III and Grade II shall be held by the Department. Questions from the Financial Regulations and Establishment Code shall not be included in the Departmental examinations.
- (b) The Departmental Examinations shall consist of questions relevant to the Departmental rules and regulations, Acts, procedures etc., in addition to the Technological matters pertaining to the Department (In connection with the Department to which the officer belongs). All the Departmental Examinations shall be written and practical examinations. Oral examinations shall not be included. There shall be a written paper of a duration of not less than 3 hours for each subject. Duration of the practical examinations shall be determined by the department.
- (c) Officer in Grade II as well as the Officers in Grade III with 5 years service and passed the 1st Departmental Examinations can appear for the 2nd Departmental Examinations.
- (d) Examinations shall be held annually, by the Provincial Public Service Commission consisting of two papers on Management and Aptitude under the guidance of the Board for the purpose of promotion from Grade I to Special Grade. 40% of vacancies in the special Grade shall be filled based on merit in the above examination and other qualifications prescribed in sub-para "7.3.a".

Note: Subjects and syllabus of the Department Tests mentioned above are mentioned in Annexure V.

a. Language Proficiency.

- i. An Officer appointed to the service will be required to pass an examination in his / her second language conducted by the department of examination / commission, within five years from the date of appointment. An officer who has passed the second language question paper in the relevant language subject at the G.C.E (O /L) Examination or approved equivalent examination will be exempted from the requirement of passing the test in the subject of his / her second language. If an officer does not pass the second language examination within the prescribed period, his / her increment will be deferred till he / she passes the said examination.
 - ii. In the case of an officer who qualified for appointment to the service in Sinhala, the second language will be Tamil and for one who qualified for appointment to the service in Tamil, the second language will be Sinhala. In the case of an officer who qualified for appointment to the service in English, he / she will be required to pass the language proficiency test in both sinhala and Tamil.
- 12.** Any matters that are not provided in this scheme of recruitment shall be determined by Commission.

Competitive examination for recruitment of Soil Testers to Training Grade and mode of selection

01) This examination will be conducted by the commission in Sinhala / Tamil / English languages.

02) The Candidate should answer all question papers in one language for which he applied.

03) Mode of selection

A minimum of 40% marks in each subject is compulsory to qualify for appearing at the interview for selection. The candidates who scored more aggregate marks will be called for an interview and their qualification will be examined. No marks will be given for qualifications or interview. Candidates who have the required qualifications and scored more aggregate marks will be appointed for the training grade.

04) The following officers will serve in the board of Interview

- 1) Director of Irrigation (chairman)
- 2) Deputy Director of Irrigation (member)
- 3) One representative from the Ministry of Provincial Public administration (Member)
- 4) One representative from the Ministry of Agriculture.(member)

(a) Subject and Syllabus for open competitive examination for Direct Recruitment

01) Subjects for the examination :

- 1) General Knowledge
- 2) Technical question paper 1
- 3) Technical question paper 2

02) Syllabus

- 1) General Knowledge: (1hr - Total Marks 100)

This question paper will consist of questions based on arithmetical aptitude, sorting out problems, reasoning power and general intelligence.

- 2) Technical Question Paper 1 :Mathematics (3hr. - Total Marks 100)

This question paper will consist of questions in Geometry and Trigonometry.

- 3) Technical Question paper 2 (physical science 3 hrs. Total Marks 100)

- 4) To examine the knowledge in Liquid, Physical Nature of the Liquid, Liquid Science, Measurements, Scientific Measurements.

(b) Subject and Syllabus for limited competitive examination to Internal candidates

01) Subjects for the examination :

- 1) General Knowledge
- 2) Technical question paper

02) Syllabus

- 1) General Knowledge: (45minutes Total Marks 100)
This question paper will consist of simple questions based on arithmetical aptitude, sorting out problems, reasoning power and general intelligence.
- 2) Technical Question Paper : Mathematics (3hr. total marks 100)
This question paper will consist of simple questions in Geometry and Trigonometry.



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Director of Irrigation,
Northern Province.**

**The syllabus and the examination procedure for the promotion of
Soil Testers in Training Grade to Grade III.**

1. This examination will be conducted by the Commission.
2. This examination consists of a written examination and a practical examination.
3. The Soil Testers in Training Grade will be eligible for the examination.
4. Total 100 marks will be given for written test and practical test.
5. To qualify at this examination, the officers should score at least 40% marks in each paper.
6. Syllabus

- (i) Written test. - (duration - 03 hrs)

This test consists of 02 parts.

Part "A" - Engineering Materials

Part "B" - Concrete

The Candidates should answer for 3 questions out of 4 in part A and part B.

- (ii) Practical examination (duration- three days)

At the practical examination, the candidates will be requested to carry out practical tests related to following subjects.

Soil

1. Specific Gravity
2. Atterberg limits and indices
3. Grain size analysis
4. Compaction test.

Cement / Concrete

1. Testing of Concrete / Cement Mortar
2. Testing of coarse and fine aggregates

3. Workability and compressive strength of various types of concrete mixes, mix designs

The practical tests will be conducted by the following officers.

Deputy Director of Irrigation (Head Quarters)

Chief Irrigation Engineer / Irrigation Engineer (Head Quarters)

26/07 Vams
02/10 - Kiran
04/10 - Muthi

(A) Efficiency Bar Examination for Grade III

01) This examination consists of two papers.

1. Office Administration and Establishments Code (Two hours total marks 100)
2. Financial Regulations (Two Hours total marks 100)

Syllabus for question paper No. 1:-

Office Administration and Establishments Code: -

This paper will be based on the following Chapters of Establishments Code.

- Chapter II - Recruitment Procedure and Appointment.
- Chapter III - Transfers.
- Chapter IV - Grant of Monthly pay, Temporary Status, Permanent status and pensionability.
- Chapter V - Release, Reversion, and Termination of Employment.
- Chapter VIII - Overtime, Holidays, Holiday pay and Allowances.
- Chapter XII - Leave.
- Chapter XIII - Railway Warrants:
- Chapter XIV - Travel on duty within the Island.
- Chapter XIX - Government Quarters.
- Chapter XLVII- General Conduct and discipline.

Syllabus for question paper No. 2:-

This paper will be based on the following Chapters of Provincial Financial Regulations

1. Chapter 1 – Expenditure Planning and Budgeting. (PFRR 1 to 60)
 - Section 1: Provincial Fund
 - Section 2: Expenditure Planning
 - Section 3: Presentation of Annual Estimates of Expenditure.
 - Section 4: Preparation, Submission and Passing of Annual Financial Statement
 - Section 5: Variations to Annual Financial Statement.
 - Section 6: Revenue Estimates.
2. Chapter 3: - Financial Management and Accountability (PFRR 90 to 123)
 - Section 1: Financial Supervision and Control
 - Section 2: Provincial Audit and Internal Audit.
 - Section 3: Delegation.
 - Section 4: Provincial Council Control and Auditor - General

(B) Efficiency Bar examination for Grade II.

01) This examination consists of two papers.

- | | | |
|--|------------|------------------|
| 1. Office Administration and Establishments Code | (Two hours | total marks 100) |
| 2. Financial Regulations | (Two hours | total marks 100) |

Syllabus for question paper No. 1:-

Office Administration and Establishments Code.

This paper will be based on the following Chapters of Establishments Code.

- Chapter XV - Travel abroad for study, training or on duty.
- Chapter XVI - Holiday Travel.
- Chapter XXIII - Special concessions and conditions regarding officers suffering from certain types of illnesses.
- Chapter XXIV - Salary loans/Advances.
- Chapter XXV - Concessions to members of Trade Unions.
- Chapter XXVII - Channels of communication.
- Chapter XXVIII - Administrative procedures.
- Chapter XXX - Right of Government over its officers.
- Chapter XXXIII - Legal advice and legal actions.
- Chapter XLVII - General conduct and discipline.
- Chapter XLVIII - Rules of disciplinary procedure.
- Circulars issued on performance appraisal.

Syllabus for question paper No. 2:-

This paper will be based on the following Chapters of Provincial Financial Regulations.

1. Chapter 6 - Custody of Money, Imprests and Bank Accounts. (PFRR 193 to 240)
 - Section 1: Security and Custody of Public Money
 - Section 2: Counterfoil Books
 - Section 3: Boards of Survey of Cash, Stamps, Securities etc.
 - Section 4: Imprests
 - Section 5: Bank Accounts.
2. Chapter 8 - Procurement, Assets and Stores Management (PFRR 301 to 387)
 - Section 1: Procurement
 - Section 2: Assets Management
 - Section 3: Stores Management.
 - Section 4: Boards of Survey

Section 5: Losses and Write Offs.

General conditions regarding the 1st and 2nd Efficiency Bar.

- (i) The above examinations will be conducted annually by the Commission.
- (ii) A Candidate will be required to obtain a minimum of 40 % of the marks in each paper for a pass.
- (iii) Candidates may sit for the above subjects of the examination separately.

Annexure IV

Examination for Promotion to Special Grade from Grade I

This examination will be conducted by the Commission.

This Examination consists of two papers.

- (i) Aptitude Test (1 1/2 Hours - total marks - 100)
- (ii) Management (2 1/2 Hours - total marks - 100)

A candidate will be required to obtain at least 40 percent of the marks in each paper for qualifying for selection, which will depend on the number of vacancies that are available.

Syllabus for the Management Paper:

- (i) Principles of Management.
- (ii) Functions of Management.
 - Planning
 - Decision making
 - Process of decision making
 - Programming
 - Staffing
 - Monitoring
 - Motivation
 - Leadership
 - Controlling
 - Management Information System.
- (iii) Participatory Management.
- (iv) Management Environment.
- (v) Case Studies.

1st Departmental Examination for the officers in Grade III

This Examination will be conducted once a year by the Commission / Irrigation Department.

The Soil Testers in Grade III will be eligible to sit the examination.

This examination consists of four written papers and six practical tests

Total of 100 marks will be given for each of the written papers and each of the practical tests.

Those who score at least 40% marks in each written paper and each practical test will be treated as having passed the examination.

Candidates may sit for the above subjects at the examination separately.

The syllabus

Written examination

Written examination paper – I, Pedology (time 03 hours)

- 1) Voids, Void Ratio, Porosity, Moisture Content, Degree of Saturation, Specific Gravity, Dry Density, Saturated Density, Submerged Density, Compaction, Permeability, Shear Stress.
- 11) Sieve Analysis, Hydrometer Analysis, Liquid Limit, Plastic Limit, Shrinkage Limit, Proctor Compaction Test, Specific Gravity.
- 111) Classification of Soil

Written examination paper-II – Strength of Material

- 1) Force, Stress, Strain, Young's Modulus, Poisson's Ratio, Hook's Law, Elastic Material, Plastic Material.
- 2) Principles of following checking,
Organic Matters in Sand, Relative Density of Sand, Specific Gravity of Cement, Setting Time of Cement, Slump of Concrete.
- 3) Cube and cylinder compaction tests.

Written examination paper -III

Survey & Quality Control ((time 03 hours))

Preliminary land survey, Leveling, Marking, Chain Surveying, Fixing Pegs, Preliminary Land Blocking, Presenting Field Data, Manual and Mechanical Auguring and Sample Collection, Measuring of in-situ moisture content and Bulk Density, Field Permeability Test, Drilling Sampling and Standard Penetration Test (SPT), Collecting Field Data, Spreading of earth, watering, compaction and checking the quality of filling, mixing, placing, compaction and curing of concrete and checking the quality of concrete work.

Written examination paper -IV

Departmental rules & regulations (time 03 hours)

Irrigation Act / Ordinance & amended irrigation Act no.13-1994,

Flood prevention Act,

Land development Act,

Forest conservation Act,

Wild life conservation Act,

River valley development Act,

Ceylon electricity board Act,

Mahaweli authority Act,

Land Act,

Water resources Act

Financial allocations for irrigation from other departments and agencies

Circulars for operation & maintenance, standing orders and ordinary maintenances of the department.

Investigations, construction planning, priority list of construction programs, progress reports and work plans, Farmer organizations and rules and regulations of farmer organizations

Practical examination (duration- each test three hours)

The officers who pass the theoretical exams will be called for the practical examination and will be examined individually on the following.

Two practical tests based on the syllabus of written paper - 1

Two practical tests based on the syllabus of written paper - 2

Two practical tests based on the syllabus of written paper - 3

The practical examination will be conducted by the following officials

- 1) Deputy Director of Irrigation (Head Quarters)
- 2) Chief Irrigation Engineer / Irrigation Engineer (Head Quarters)

2nd Departmental Examination for the officers in Grade II

This examination will be conducted once a year by the Commission / Irrigation Department. The officers in Grade II as well as the Officers in Grade III with 5 years service and who have passed the 1st Departmental Examination can appear for the 2nd Departmental Examination. This examination consists of two written papers and three practical tests. Total of 100 marks will be given for each written paper and each practical test. Those who score at least 40% marks in each written paper and in each practical test will be treated as having passed the examination. Candidates may sit for the above subjects at the examination separately.

The syllabus

Written examination paper -1, Engineering material (time 03 hours)

Examination on following theories

Air entraining in concrete, Concrete mix design, P.H.Value, California Bearing Ratio (CBR), Strength of Rock, Shear Strength of Rock, Absorption Test, principles of filter in earth filled embankments, Nuclear methods of testing, Air photographing, statistical analysis of test results.

Written examination paper-11

Departmental rules & regulations (time 03 hours)

Irrigation act Irrigation Ordinance & amended irrigation Act no.13-1994, Flood prevention Act, Land development Act, Forest conservation Act, Wild life conservation Act, River valleys development Act, Ceylon Electricity Board Act, Mahaweli authority Act, Land Act, Water resources Act, financial allocations for irrigation from other departments and agencies, Circulars for operation & maintenance, Standing orders and ordinary maintenances of the department. Investigations, construction planning, priority list of construction Programs, progress reports and work plans, Farmer organizations and rules and regulations of farmer organizations.

Practical examination (duration- each tests three hours)

The officers who pass the theoretical exams will be called for the practical examination and will be examined individually on the following.

Two practical tests based on the syllabus of written paper

The practical examination will be conducted by the following officials

- 1) Deputy Director of Irrigation (Head Quarters)
- 2) Chief Irrigation Engineer / Irrigation Engineer (Head Quarters)

3rd Departmental Examination for the officers in Grade I

This examination will be conducted once a year by the Commission / Irrigation Department.

The officer in Grade I or above can appear for the 3rd Departmental Examinations.

This examination consists of two written papers.

Total of 100 marks will be given for each written paper.

Those who score at least 40% marks in each written paper will be treated as having passed the examination.

Candidates may sit for the above subjects at the examination separately.

The syllabus

Written examination paper -1, Engineering material (time 03 hours)

Air entraining in concrete, Grades of concrete, Placing and compaction of concrete, testing of tor-steel bar, testing of mild steel bar, California Bearing Ratio (CBR), strength of soil, simple structure of soil, seepage test, principles of filter & earth filled embankments, Nuclear methods of testing, Air photographing, Concrete mixes, Concrete mix design, Transporting, Placing and compaction, Construction joints, Curing, Formwork, Finishing, Volume batching, Weight batching statistical analysis of test results.

Written examination paper-11

Departmental rules & regulations (time 03 hours)

Irrigation Act Irrigation Ordinance & amended irrigation Act no.13-1994,

Flood prevention Act,

Land development Act,

Forest conservation Act,

Wild life conservation Act,

River valley development Act,

Ceylon electricity board Act,

Mmahaweli authority Act,

Land Act,

Water resources Act

Financial allocations for irrigation from other departments and agencies

Circulars for operation & maintenance,

Standing orders and ordinary maintenances of the department.

Investigations, construction planning, priority list of construction

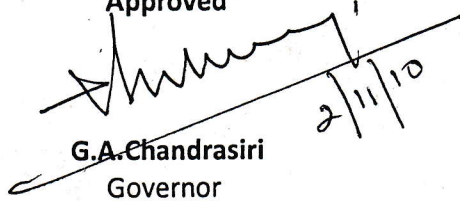
Programs, progress reports and work plans,

Farmer organizations and rules and regulations of farmer organizations



S.Thiruvakaran
Secretary
Provincial Public Service Commission
Northern Province

Approved



2/11/10

G.A.Chandrasiri
Governor
Northern Province