

My No : DI/Tra/Exam/EA-STE(T)/07/2025,
 Training Branch,
 Irrigation Department,
 Colombo 07
 07/07/2026

Addl.DGII / DII / PDD / CREE / REE / DIEE ,

Senior Technical Examination (Theory) for the Officers of Engineering Assistant Service in Irrigation Department – 2026

It is hereby notified that the Senior Technical Examination for the Officers of Irrigation Department Engineering Assistant Service will be conducted by the Commissioner General of Examinations in the month of **October 2026** in Colombo

02. The syllabus and other Provisions relating to this examination have been published in the Gazette Extra Ordinary of the Democratic Socialist Republic of Sri Lanka bearing No. 1069/19 and dated 05.03.1999 and bearing No. 2013/31 and dated 2017.04.07. The syllabus and other provisions are given below for the convenience of candidates.

03. Examination Procedure:

Part/Section		Paper	Subj: No	Time	Total Marks	Pass Mark
Part I – Section III	(a)	Theory of Structures and strength of Materials	131	03 hours	100	40
	(b)	Hydraulics	132	03 hours	100	40
Part II – Section I	(a)	Designs, Drawing and Specifications	211	04 hours	100	40
	(b)	Irrigation	212	03 hours	100	40
Part II – Section II	(a)	Quantity Surveying	221	04 hours	100	40
	(b)	Provisions of the Establishments Code Financial Regulations and Departmental Procedures				
		(b) (i) Office Administration and Provisions of the Establishment Code	222	1 1/2 hours	50	20
		(b) (ii) Provisions of the Financial Regulations	223	1 1/2 hours	50	20

- For Passing Part II – Section II (b) of the examination, both part of (b)(i) and (b)(ii) should be passed.

04. Candidates should obtain a minimum of 50% marks in each of Section I and Section II in Part I (Attached copy) to qualify for a pass in these sections. To qualify for a pass in any other section candidate should obtain a minimum of 40% marks in each subject under this section a minimum of 50% marks on the aggregate marks for all written examinations to pass STE Examination.

05. Examination Authority: The Institute which is nominated by DGI

06. Syllabus of the Examination:

No	Section	Name of the paper	Syllabus
01	Part I - Section III (a)	Theory of Structures and strength of Materials	Stress, Strain, hook's Law Elastic Constants, Elastic Limit, Ultimate Strength, Factor of Safety, Resilience, Bending Moments and Shear Forces. (Theory of simple bending and it's applications) Steel Sections, Simple Slabs and Beams in Reinforced concrete including cantilevers short columns, Elementary Soil Mechanics retaining walls and earth pressure and water pressure on dams, Spills Anicuts, etc., Principles of pre-stressed concrete design.
02	Part I - Section III (b)	Hydraulics	Pressure at point, equal transmission of pressure and its applications, center of pressure, Bernoulli's Equation, flow through orifices, pipes and channels, venturimeter, rectangular, trapezoidal and triangular notches and weirs, coefficients of discharge, submerges and partially submerged orifices and weirs, river gauging.
03	Part II Section I (a)	Designs, Drawing and Specifications	Candidates will be expected to have a general idea of the principals involved in the design of small village Irrigation Schemes, Including head works and distributary systems. They will be required to possess a sound knowledge of the specifications for various classes of work. Candidates will in addition be required to design and draw simple irrigation structures. A complete drawing of the structure will not be necessary, but sufficient details should be shown on the drawing to give a clear idea of the features of design and construction details.
04	Part II Section I (b)	Irrigation	The investigation and construction of Irrigation Schemes, Types of Irrigations, duty, monsoon and rainfall: yield and the factors affecting yield. Flood discharge, detention, spill analysis diagrams, channels and cross drainage works, silt and scour, Kennedy's Theory of critical velocity design channels, earthen embankment their design and construction , maintenance of irrigation work, Salt Water Exclusion Schemes, Flood protection Schemes, Water Management.
05	Part II Section II (a)	Quantity Surveying	Preparing a bill of quantities of structure and preparing an estimate therefrom :
06	Part II Section II (b) (i)	Office Administration and Provisions of the Establishments Code	I. Office Administration and Establishment Code Establishment Code Chapter II – Recruitment procedure and appointment, Chapter VII – Overtime, Holiday and Holiday Pay Chapter XII – Leave Chapter XIII – Railway Warrants Chapter XIV – Travel on duty within the Island Chapter XVI – Holiday Travel Chapter XIX – Government Quarters Chapter XXVIII – Administration Procedure and practices Chapter XXX – Right of Government or its officers Chapter XXXVII – General Conduct and Discipline

No	Section	Name of the paper	Syllabus
06	Part II Section II (b) (ii)	Provisions of the Financial Regulations	II. Financial Regulations (1) Consolidated Fund (2) Annual Estimates (3) Variations of Annual Estimates (4) Chief Accountants/Accountants, Revenue Accounting Officers Authorizing payments, approval, certification, delegation of authority, losses and waivers, custody of public funds, procedure relating to payments and receipts dishonored cheques, procedure relating to payments (5) Security of funds, Board of survey, Overdrafts, Bank Accounts (6) Work and Services – Construction Departments (7) Procedure relating to verification of stores, Acceptance, procuring supply (8) Contracts – Variations from Tender Procedure

07. An officer is allowed to appear the subjects relevant to Senior Technical Examination at one sitting or in several sittings separately and obtain the minimum marks. The whole examination should be completed within a any four (04) attempts to pass STE.

08. Language medium of the examination.

- i. Examination would be held in English Medium as per DGI s letter No. 68-000483(I) dated 18-10-2016 for Part I-Section III (a) & (b), Part II Section I (a) & (b) and Part II-Section II (a).
- ii. Examination would be held in Sinhala, Tamil and English language for Part II-Section II (b).

09. If it was revealed that a candidate has appeared the examination in a language of medium for which he/she is not entitled candidature shall be canceled. Moreover, he/she shall not be allowed to change the language of medium applied for the examination later.

10. Exam Results

- I. The decision of the Commissioner General of Examinations shall be the final on conducting examination and releasing results
- II. Commissioner General of Examinations shall submit the results of all candidates appeared for the examination to the Director General of Irrigation.

11. Application is published in the web side of the Department of Examinations Sri Lanka www.doenets.lk under the path “Our Services” > “Online Applications Recruitment / E.B. Exams” and applications should be submitted only through online platform. Calling for applications will be open from **20th of July 2026 at 9.00 a.m. and closed on 20th of August 2026 at 9.00 p.m.** Once online application is submitted, download and print it. The relevant parts in the printed application should be completed and forwarded to the **Director General of Irrigation, Irrigation Department**, through their respective heads of divisions on or before

20th August 2026, the closing date for calling applications. Any application, received after this date will be rejected.

- Any adverse effect that could be resulted due to delay in forwarding the application should be borne by the applicant.

12.(I) Online examination application should be completed in English language only. Once the Department of Examinations receives the soft copy sent online, a SMS will be sent to the mobile phone number or an e-mail will be sent to the email address used to access the system notifying that it is accepted/ it is not accepted as valid application by the Department. Before completion of the online application, please download the instructions for applying for the examination. Follow those instructions correctly during the filling of the application. Any amendment made in the application after obtaining a hard copy shall not be considered as a valid amendment. Incomplete applications shall rejected without a prior notice.

(II) Penalty for furnishing false information- In completing an application, should be careful to furnish correct information. In case of revealing disqualification of an applicant, his/her candidature could be cancelled during the examination or after the examination or at any time, as per the terms and conditions of this examination.

13. Candidates are liable to rules and regulations imposed by the Commissioner General of Examinations in relevant to conducting the examination and issuance of results. If these rules and regulations are violated, he / she will liable to any penalty imposed by the Commissioner General of Examinations. Further, the candidates should furnish the admissions that are attested for signature to the examiner in charge of the examination on the first day of the examination, and candidates who do not have admissions are not allowed to sit for the examination.

14. With the presumption that only those who possess the qualifications specified in the Gazette notification have applied, the admissions for the examination will be issued by the Commissioner General of Examinations only through the online method to the candidates who have submitted accurately completed applications on or before the closing date.

As soon as the admissions are issued to the candidates, the news of such issuance will be notified by a web notice/ through a SMS to the candidate by the Department of Examinations, Sri Lanka. In case of any candidate not received his/ her admission, it should be inquired from the Institutional Examinations Organization Branch of the Department of Examinations, Sri Lanka. In such an inquiry, it will be more effective to send a formal request to the email address specified in the notice, clearly stating the name of the examination applied for, full name, National Identity Card number, and the address of the applicant. In the event of making such an inquiry, it will be useful to retain a photocopy of the completed application to verify any information that can be requested by the Department of Examinations. If there are any amendments to be made subsequent to the perusal of the admission, the Department of Examinations should be contacted well in advance to include the relevant corrections in accordance with the application. The requests for amendments made at the examination hall will not be considered.

15. Identity :

Applicant appearing for the examination must, for each subject they sit, establish their identity to the satisfaction of the Supervisor of the Examination Hall. Only the following documents will be accepted as valid proof of identity:

- i. National Identity Card (NIC)
- ii. Valid Passport
- iii. Valid Sri Lankan Driving License

In addition, candidates should enter the examination hall with their face uncovered so that their identity can be verified, and with their ears uncovered so that it can be confirmed that they are not wearing any electronic communication devices. Candidates who fail to comply with these requirements will not be permitted to enter the examination hall. Furthermore, from the time they enter the examination hall until they leave after the examination has concluded, candidates must keep both their face and ears uncovered.

16. Issuing an admission to the candidate does not confirm that he/she has fulfilled all the requirements required to sit for the examination.

17. Signature of the applicant in the admission should be certified by the Head of the Department or an officer authorized by him.

18. As per the Department Circular No: 02/2019 (Training Branch) dated 20.02.2019 the fees for the examination are as follows:

a). First sitting free.

(Those who have applied for the examination earlier did not appear for the examination should pay the fees if they apply for the same now. It is the responsibility of DI / CE / CRE / RE / IE to see that the fees are paid accordingly.)

b). For each subsequent sitting

i for one subject Rs. 300/=

Payments for examination fee should be made under the following payment methods provided at the online payment system.

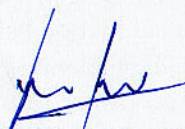
- i. Any Bank Credit card
- ii. Any Bank Debit Card with the facility of internet transaction
- iii. Online banking method/ Flex App of Bank of Ceylon
- iv. Any branch of the Bank of Ceylon

Note:-

- (a) Instructions on payment methods is given in the website under "Technical Instructions".
- (b) The receipt of payment will be acknowledged via SMS or e-mail. The total examination fee should be paid in full, and applications that have paid the examination fee in less or more will be rejected. The Department of Examinations will not be responsible for any issue encountered in the payment of the examination fee through the above payment methods.

19. The right of making decisions regarding any matter, which has not been covered by this notification, is reserved by the Director General of Irrigation.

Irrigation Department
No:230, Baudhaloka Mawatha,
Colombo - 07
07th of July , 2026



Eng.(Dr.) Kitsiri Weligepolage
Director General of Irrigation
Irrigation Department

Eng. (Dr.) Kitsiri Weligepolage
Director General of Irrigation
Irrigation Department
Baudhaloka Mawatha,
Colombo 07.

I කොටස : (I) ඡේදය - ශ්‍රී ලංකා ප්‍රජාතාන්ත්‍රික සමාජවාදී ජනරජයේ අති විශේෂ ගැටළු පත්‍රය - 1999.03.05 23 A
 (குதி I : தொகுதி (I) — இலங்கைச் சனநாயக சோசலிசக் குடியரசு வர்த்தமானப் பத்திரிகை — அதிவிசேஷமானது — 1999.03.05
 PART I : SEC. (I) — GAZETTE EXTRAORDINARY OF THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA — 1999.03.05

Syllabus

SENIOR TECHNICAL EXAMINATION

1.0 General :

- 1.1 The Senior Technical Examination (STE) will be held annually.
- 1.2 Technical Assistants in Class II Grade II will be eligible for the Departmental Senior Technical Examination.
- 1.3 No officer will be permitted to sit for this examination unless the Director - General of Irrigation is satisfied that his conduct and work have been thoroughly satisfactory and that he had shown diligence in acquiring a thorough knowledge of his duties.
- 1.4 The Senior Technical Examination will be in two parts.

Part I will consist of three sections :

- Part I - Section I - Levelling (Practical Examination)
 Section II - Land Surveying (Practical Examination)
 Section III - (a) Theory of structures and Strength of Materials
 (b) Hydraulics

Part II - Consists of two sections :

- Section I - (a) Designs, Drawings and Specifications
 (b) Irrigation
 Section II - (a) Quantity Surveying
 (b) Provisions of the Establishments Code
 Financial Regulations and Departmental Procedures

2.0 *Passing the STE.* - Section I - Levelling and Section II Surveying under Part I can be passed separately. A pass in these is essential for a pass in the other sections of the examination. Section III of Part I and Section I and II of Part II can be passed separately.

* Candidates should obtain a minimum of 50% in each of Section I and Section II in Part I to qualify for a pass in these sections. To qualify for a pass in any other section he should obtain a minimum of 40% in each subject under that section and a minimum of 50% on the aggregate marks for all written examinations.

This can be achieved by sitting for one subject at a time and obtaining the minimum marks. The whole examination should be completed within a maximum of 4 attempts to pass STE.

3.0 Syllabus :

3.1 Part I consists of following sections -

3.1.1 Section I - Levelling (Practical Examination):

- (a) Candidates will be required to adjust the Dumpy Level and answer oral questions regarding the adjustments and uses of the instrument.
- (b) Candidates will be required to level a distance of about 2 miles with a closing error not greater than 0.08'. They will be required to take a longitudinal section of a road, channel or a bund in the first mile with all the necessary details for plotting that longitudinal section.
- (c) Candidates will be required to plot the longitudinal section in the standard form.

Note: The time taken for any of the above will be taken into account in assessing the candidate's performance.

3.1.2 Section II - Surveying with the Theodolite (Practical Examination):

- (a) Candidates will be required to adjust the Theodolite and answer oral questions regarding the adjustments and uses of the instrument.
- (b) Candidates will be required to survey a plot of land about 10 acres with the theodolite.
- (c) Candidates will prepare a co-ordinates sheet and plot the survey. The plan work will be finished in ink.

Note: The time taken for each of the above will be taken into account in assessing the candidate's performance.

- 3.1.3 (a) Section III (a) - *Theory of Structures and Strength of Materials. (Written Examination).* - Stress, strain, Hooke's Law Elastic Constants Elastic Limit. Ultimate Strength, Factor of Safety, Resilience, Bending Moments and Shearing Forces. (Theory of simple bending and its applications). Steel Sections, simple Slabs and beams in reinforced concrete including cantilevers short columns, Elementary soil mechanics retaining walls and earth pressure and water pressure on dams, spills, anicuts, etc., Principles of pre-stressed concrete design.

24 A I කොටස : (I) කොටස - ශ්‍රී ලංකා ප්‍රජාතාන්ත්‍රික සමාජවාදී ජනරජයේ අති විශේෂ ගැටළු පත්‍රය - 1999.03.05

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PART I : SEC. (I) - GAZETTE EXTRAORDINARY OF THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA - 1999.03.05

3.1.3 (b) Section III (b) - *Hydraulics (Written Examination)*. - Pressure at a point, equal transmission of pressure and its applications, centre of pressure, Bernoulli's Equation, flow through orifices, pipes and channels, venturimeter, rectangular, trapezoidal and triangular notches and weirs, coefficients of discharge, submerged and partially submerged orifices and weirs, river gauging.

3.2 Part II consists of following sections :

3.2.1 (a) Section I (a) - *Designs, Drawing and Specifications (Written Examination)*. - Candidates will be expected to have a general idea of the principles involved in the design of small village irrigation schemes, including headworks, and distributary systems. They will be required to possess a sound knowledge of the specifications for various classes of work. Candidates will in addition be required to design and draw simple irrigation structures. A complete drawing of the structure will not be necessary, but sufficient details should be shown on the drawing to give a clear idea of the features of design and construction details.

3.2.1 (b) Section I (b) - *Irrigation (Written Examination)*. - The investigation and construction of Irrigation Schemes, types of Irrigations, duty, monsoon and rainfall: yield and the factors affecting yield. Flood discharge, detention, spill analysis diagrams, channels and cross drainage works, silt and scour, Kennedy's Theory of critical velocity design of channels, earthen embankment their design and construction, maintenance of Irrigation works, Salt Water Exclusion Schemes, Flood Protection Schemes, Water Management.

3.2.2 (a) Section II (a) - *Quantity Surveying (Written Examination)*. - Preparing a bill of quantities of structure and preparing an estimate therefrom :

3.2.2 (b) Section II (b) - *Provisions of the Establishment Code and the Financial Regulations (Written Examination)*. -

(a) Office Administration and Establishment Code :

E. C. Chapter II	- Recruitment procedure and appointments,
Chapter VII	- Overtime, Holiday and Holiday Pay,
Chapter XII	- Leave,
Chapter XIII	- Railway Warrants,
Chapter XIV	- Travel on duty within the Island,
Chapter XVI	- Holiday Travel,
Chapter XIX	- Government Quarters,
Chapter XXVIII	- Administration Procedure and practices,
Chapter XXX	- Right of Government or its officers,
Chapter XLVII	- General Conduct and discipline.

(b) Financial Regulations :

- (1) Consolidated Fund,
- (2) Annual Estimates,
- (3) Variations of Annual Estimates,
- (4) Chief Accountants / Accountants, Revenue Accounting Officers Authorising payments, approval, certification, delegation of authority, losses and waivers, custody of Public Funds, procedure relating to payments and receipts dishonoured cheques, procedure relating to payments,
- (5) Security of Funds, Boards of Survey, Overdrafts, Bank Accounts,
- (6) Work and Services - Construction Departments,
- (7) Procedure relating to verification of stores, Acceptance, procuring supply,
- (8) Contracts - Variations from Tender Procedure.

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