



Section A & B Examinations of IEI Guidelines for Candidates

Permissible IS CODES, Hand Books and Other Reference Material

Candidates intend to appear in Section B examination, are permitted to use reference material(s) for different engineering discipline in the Examination Hall. In case the Examination Centre is not in a position to provide the required reference materials on request, candidates may use their own copy, subject to prior verification by the Officer in-Charge/ Invigilator to the extent that no extraneous matter is written inside pages of the concerned reference material.

For details of permitted reference material please [click to view](#).

Procedure for Calculating the Percentage of Marks

The procedure for calculating the percentage of marks is based on summation of maximum marks in the range of respective letter grades of each subject and dividing by the number of subjects, including the project work and the laboratory experiments.

Introduction of Cumulative Grade Point Average (CGPA)

- **Candidates Passing Sections A and B Examinations**

Grade points of all subjects required to appear to complete the entire course, including laboratory experiments and project work, shall be divided by the number of subjects to arrive at the CGPA. This shall only be indicated in the pass grade card of Section B.

- **Candidates Passed Section A in Old Scheme and Section B in Revised Scheme**

Candidates, who have completed Section A in old scheme securing specific marks in all required subjects and subsequently completed Section B in revised scheme securing specific grades in required subjects, CGPA shall be calculated by converting marks of individual subjects of Section A to grade points and then adding grade points of all subjects of Section A, Section B, project work and laboratory experiments and divided by the number of applicable subjects.

- **Candidates Exempted from Section A, by virtue of Passing Sections A & B Examinations earlier, and passed Section B in Additional Branch in Revised Scheme**

Such candidates shall be considered similar to those who obtained exemption from Section A by virtue of passing degree in engineering from the recognized university. CGPA for them shall be calculated adding the grade points obtained in required number of subjects in Section B, project work and laboratory experiments and dividing by number of applicable subjects.

Section 'B' Examination in Additional Branch of Engineering for Corporate Members

Corporate Members are eligible to appear in additional branch of engineering. Members, who intend to appear for the first time in additional branch of engineering should first apply for registration for Section B on the Prescribed Format with requisite fee. After completion of Registration, candidates have to submit, within the stipulated period, the examination application form, along with the requisite fee for appearing in the examination. All such candidates are required to perform Project Work and Laboratory Experiment.

Section 'B' Examination in Same Branch of Engineering for Corporate Members

The Council at its 685th meeting held at Chandigarh decided that the candidates passed M.Sc. in Computer Science/ Electronics or in other disciplines and subsequently obtained M.E./ M. Tech. degree or higher degree in an engineering discipline from any recognized Indian University and are Corporate Members of IEI shall be permitted directly to register for Section B examination in the same branch in which they passed their M.E./M. Tech. or higher degree in engineering with effect from Winter 2015 examination.

Inspection of Answerscripts of Section A & B Examination

The Council at its 673rd meeting held at Kolkata Resolved that the candidates appear in a particular session in Section A / Section B examination may appeal for verification of their answerscript(s) for arithmetic correction in totaling of marks and any omission/deletion in evaluation within 15 days from the date of declaration of results at HQs of the Institution on the prescribed proforma with fee of Rs. 500/- per answerscript by demand draft in favour of 'The Institution of Engineers (India)' payable at Kolkata. On receipt of the request from the candidate with fee, the exact date and time will be informed to the candidate to inspect his/her answerscript at the HQs of the Institution at his own expense. In case any candidate fails to appear to inspect his answerscript(s) at the given date and time, no further opportunity shall be given for inspection of answerscript(s). It is further clarified that re-verification of answerscript shall not tantamount to re-valuation of answerscript. This is only a process of re-verification by the candidate.

Restriction of Transfer of Subject(s) Exemption(s) for Candidates appearing in Additional Branch in Revised Scheme

- Candidates, having passed Section B Examination in a particular discipline in old scheme and wish to appear in Section B in additional branch in revised scheme, are not eligible to get subject(s) exemption(s) of same nomenclature. However, transfer of subject(s) exemption(s) shall remain valid if it is from one engineering discipline to the other in revised scheme as per clause 2.3.4 of Vol. 1 : Rules of the Institution Examinations.
- The grade(s) secured by a candidate in extra subject(s) shall not be considered for improvement of grade(s) secured by him in earlier examinations.

Carry Forward of Subject(s) Exemption on Changing Membership from Technician to Senior Technician

When a Technician member, after acquiring diploma level qualification, changes his membership to Senior Technician, s/he shall be considered, on request, as exempted from Section 'A' Examination, provided s/he has secured exemption (obtained Grade 'C' or above with minimum GPA being 6) in four common subjects of same nomenclature in both Section 'A' (Non-diploma) and Section 'A' (Diploma) of revised syllabi. No pass grade card of Section 'A' shall be issued. S/he shall be eligible to register for Section 'B', with requisite fee, with an undertaking that s/he shall not claim pass grade card for Section 'A'. The CGPA shall be calculated only on the basis of Section 'B' Examination, project work and laboratory experiments.

In case the Technician Member secured exemption in one or more common subject(s) of same nomenclature in both the schemes of revised syllabi, grade in common subject(s) can be carried forward, on request, after change of her/his membership

Important Points to Remember

- Quote telephone number / mobile number / e-mail ID in all examination-related communication with headquarters, including in the examination application form / application for registration of Section B / examination re-registration, etc to maintain better interaction between our members and the headquarters.
- No acknowledgement is sent regarding receipt of examination form / registration for Section B / examination re-registration/application for project work / laboratory experiments. However, membership numbers of all eligible applicants for registration of Section B are intimated through IEI website a week prior to Summer / Winter examination. Candidates applied for registration of Section B / examination re-registration, no separate identity card shall be issued.

- List of candidates registered for May / June and November / December sessions for project work and / or laboratory experiments shall be available on our website in last week of May and November, respectively. The list will indicate the name and address of the project guide and / or name of the college / institute for laboratory experiments. In addition, all such candidates shall be informed by ordinary post with due information to their project guide and / or the college.
- For any examination-related enquiry, members are advised first to visit our website www.ieindia.org. In case they do not find the answer, please send the mail only at exams@ieindia.org without marking copy to any other e-mail ID of the Institution. Please do not send exam-related enquiry to any other e-mail ID in your own interest. Efforts are made to reply queries as fast as possible. However, in certain cases, it takes time for verification.
- The code number of project work is 901 and of laboratory experiments 902. These code numbers are being used for related correspondence and centre-wise provisional results.

CODES AND MATHEMATICAL TABLES

Candidates may be supplied any of the following, if so requested:

SECTION A	Statistical Tables
SECTION B	
CHEMICAL	Psychometric Charts and Steam Tables, Triangular Graph Paper, Humidity Chart Log-Log Graph Paper
CIVIL	BIS 456 (1978), BIS 800 (1962)/(1984), SP 6(I) and SP (16) IRC-6-1966 Section III, Loads and Stresses Steel Tables, IS:456 (2000) IS:800 (2012)
ELECTRICAL/ELECTRONICS & COMMUNICATION	IS 1343 (1980) Semi-log Graph Paper Log Tables, Graph Paper, Smith Chart
MECHANICAL	Thermodynamic Tables Refrigerant Tables Steam Tables Quality Control Tables Normal Distribution Tables Mollier Chart Design Data Book, PSG College of Engineering and Technology, Coimbatore, Revised Edition, 1978, Reprint in 2010 Design Data Handbook for Mechanical Engineers, Mahadevan, K. and Reddy Balveera, K., CBS Publishers and Distributors Pvt. Ltd., 4 th Edition, 2013. Design Data Book, Jadon, V.K., I.K. International Publishers, 2 nd Edition, 2010. Refrigeration and Air Conditioning Tables and Charts, Mathur and Mehra, Jain Brothers, New Delhi
MINING	Graph Paper Psychometric Charts Psychometric Tables Steam Tables
PRODUCTION	Normal Distribution Tables Poisson Distribution Tables
TEXTILE	Graph Paper of 8 x 8 marking