

**THE INSTITUTION OF ENGINEERS, BANGLADESH**  
**HQ : RAMNA, DHAKA-1000**

PROGRAMME FOR SECTION "A" AND SECTION "B" OF AMIE EXAMINATION, OCTOBER, 2019.  
 EXAMINATION CENTRE: DHAKA (BUET), CHITTAGONG (CUET), KHULNA (KUET) AND RAJSHAHI (RUET).

**TIME: 2:00 PM TO 5:00 PM**

DATE & DAY	SUBJECTS
16 OCTOBER, 2019 WEDNESDAY	1. FLUID MECHANICS & MACHINERIES (B, OLD CIVIL & MECH) 2. TRANSPORTATION AND HIGHWAY ENGINEERING (B, NEW CIVIL) 3. POWER STATION (B, OLD ELECT), (B, NEW EEE) 4. FERTILIZER, PULP AND PAPER TECHNOLOGY (B, CHE) 5. BASIC FLUID MECHANICS AND HEAT TRANSFER (SEC. A NEW) 6. APPLIED CHEMISTRY (SEC. A OLD) 7. CHEMISTRY (SEC. A NEW)
19 OCTOBER, 2019 SATURDAY	1. BASIC FLUID MECHANICS (SEC. A OLD & NEW)
21 OCTOBER, 2019 MONDAY	1. STRUCTURAL ANALYSIS (B, OLD CIVIL), (B, NEW CIVIL) 2. INDUSTRIAL ADMINISTRATION AND MANAGEMENT (B, OLD MECH), (B, NEW ME, EEE) 3. BIOMEDICAL INSTRUMENTATION (B, NEW EEE) 4. ELECTRICAL MACHINES (B, OLD ELECT) 5. ENGINEERING MATHEMATICS (SEC. A OLD) 6. MATHEMATICS - II (SEC. A NEW)
24 OCTOBER, 2019 THURSDAY	1. SOIL MECHANICS & FOUNDATION (B, OLD CIVIL / GEOTECHNICAL AND FOUNDATION ENGINEERING (B, NEW CIVIL) 2. POWER PLANT ENGINEERING (B, OLD MECH), (B, NEW MECH) 3. NETWORK ANALYSIS (B, OLD ELECT), (B, NEW EEE) 4. HEAT, MASS AND MOMENTUM TRANSFER (B, CHE) 5. ELEMENTARY ELECTRICAL ENGINEERING (SEC. A OLD & NEW)
26 OCTOBER, 2019 SATURDAY	1. ** STRUCTURAL DESIGN (B, OLD CIVIL), (B, NEW CIVIL) 2. ** MACHINE DESIGN (B, OLD MECH) 3. ** PROCESS DESIGN (B, CHE) 4. ELECTRIC TRANSMISSION AND DISTRIBUTION SYSTEM (B, NEW EEE) 5. ENGINEERING MECHANICS (SEC. A OLD & NEW)
28 OCTOBER, 2019 MONDAY	1. WATER SUPPLY AND SANITATION ENGINEERING (B, NEW CIVIL) 2. STEEL STRUCTURES (B, OLD) 3. MACHINE TOOLS (B, OLD MECH) 4. ELECTRONIC CIRCUIT ANALYSIS (B, NEW EEE) 5. MATHEMATICS - I (SEC. A NEW)
30 OCTOBER, 2019 WEDNESDAY	1. HYDROLOGY, IRRIGATION AND FLOOD MANAGEMENT (B, NEW CIVIL) 2. AUTOMOBILE ENGINEERING (B, OLD MECH) 3. POWER AND INDUSTRIAL ELECTRONICS (B, NEW EEE) 4. POWER SYSTEM PROTECTION (B, NEW EEE) 5. STRENGTH OF MATERIALS (SEC. A OLD & NEW) 6. HEAT AND MASS TRANSFER (A OLD) 7. THERMAL ENGINEERING (SEC. A OLD & NEW)
2 NOVEMBER, 2019 SATURDAY	1. TECHNIQUES AND MANAGEMENT OF BUILDING CONSTRUCTION (B, OLD CIVIL) 2. PROJECT PLANNING AND CONSTRUCTION MANAGEMENT (B, NEW CIVIL) 3. REFRIGERATION & AIRCONDITIONING (B, OLD MECH) 4. SEMICONDUCTOR DEVICES (B, OLD ELECT) 5. ENERGY CONVERSION AND ELECTRICAL MACHINES (B, NEW EEE) 6. PHYSICS (SEC. A OLD & NEW)
4 NOVEMBER, 2019 MONDAY	1. REINFORCED CONCRETE STRUCTURES (B, OLD CIVIL), (B, NEW CIVIL) 2. APPLIED THERMODYNAMICS (B, OLD MECH) 3. TRANSMISSION & DISTRIBUTION OF ELECTRICAL POWER (B, OLD ELECT) 4. POWER SYSTEM ANALYSIS (B, NEW EEE) 5. INDUSTRIAL STOICHIOMETRY (A, NEW), (B, OLD CHE) 6. ENGLISH AND ECONOMICS (SEC. A NEW) 7. GEODESY (SEC. A OLD)
6 NOVEMBER, 2019 WEDNESDAY	1. COMPUTER FUNDAMENTALS (B, OLD CIVIL, MECH, ELECT & CHE), (B, NEW CIVIL, EEE) 2. ENGINEERING MATERIALS (SEC. A OLD & NEW) 3. ENGINEERING DRAWING (ME/EEE/ CHE) (SEC. A OLD & NEW)
9 NOVEMBER, 2019 SATURDAY	1. IRRIGATION, FLOOD CONTROL & DRAINAGE (B, OLD CIVIL) 2. THEORY OF MACHINES (B, OLD MECH), (B, NEW MECH) 3. POWER SYSTEM ANALYSIS (B, OLD ELECT) 4. ELECTROMAGNETIC THEORY ((B, NEW EEE) ) 5. DIGITAL ELECTRONICS (B, NEW EEE) 6. NATURAL GAS AND REFINERY ENGINEERING (B, CHE.) 7. PROPERTIES & MECHANICS OF MATERIALS (SEC. A OLD & NEW) 8. SCIENCE OF MATERIALS (SEC. A OLD & NEW) 9. SURVEYING (SEC. A NEW)
11 NOVEMBER, 2019 MONDAY	1. HYDROLOGY (B, OLD CIVIL) 2. SANITARY & WATER SUPPLY ENGINEERING (B, OLD CIVIL) 3. MANUFACTURING PROCESS (B, OLD MECH) 4. MEASUREMENT & INSTRUMENTATION (B, OLD ELECT), (B, NEW EEE) 5. CHEMICAL ENGINEERING THERMODYNAMICS (B, CHE) 6. BASIC ELECTRICAL ENGINEERING (SEC. A OLD & NEW) 7. ENGINEERING DRAWING (CIVIL), (SEC. A OLD & NEW) 8. ELEMENTARY ELECTRONICS (SEC. A OLD & NEW)

\*\* Duration of Examination on Structural Design, Machine Design and Process Design will be four hours.

N.B. The programme is subject to change, if any, required under special circumstances.

**INSTRUCTIONS TO THE CANDIDATES**

1. Candidates are instructed to read the rules for guidance of AMIE Examination carefully and to follow these instructions meticulously.
2. When using drawing sheets, the candidates should write their Roll Numbers, Registration Numbers etc. only in the space marked for the purpose.
3. **Clearly write down the Registration No. and Roll No. at the appropriate place in the script. Do not write your name anywhere in the script. If your name appears anywhere in the script that will render you liable to disciplinary rules resulting in cancellation of the examination of that course.**
4. Result will be kept withheld if it is found that Annual Subscription has not been cleared up to 2019-2020 (V/33 of the Rules and Syllabus).
5. Candidates are to note that the present examination will be held at **Dhaka, Chittagong, Khulna and Rajshahi.**
6. Candidates of Section “A” Examination are required to pass the optional subjects of the Section A” Examination which is pre-requisite for a particular branch of engineering in the Section “B” Examination.
7. **CANDIDATES SHOULD NOTE THAT THEY MUST PASS ALL THE REQUIRED SUBJECTS OF SECTION “A” BEFORE THEY APPEAR IN SECTION “B” EXAMINATIONS.**

(Professor Dr. Dipak Kanti Das)  
Controller of Examinations, IEB

Memo No. HQ/IEB/EXAM/PROG/OCTOBER, 2019/ 2251

Date : 11/09/2019

**Copy to :**

1. The President, IEB
2. The Vice-President (Academic & Int.)/(Admin. & Finance)/(HRD)/(S&W), IEB
3. The Honorary General Secretary, IEB
4. Honorary Assistant General Secretary (Academic & Int.)/(Admin. & Finance)/(HRD), (S&W), IEB
5. The Chairman, Dhaka, Chittagong, Khulna and Rajshahi Centre to finalise the venue of the Examination and to take all necessary arrangements.
6. The Honorary Secretary, All Centres, IEB
7. The Secretary, All Sub-Centres, IEB
8. All Members of the Examination Committee, IEB
9. Secretary to Vice Chancellor, Chittagong University of Engineering & Technology (CUET).
10. Secretary to Vice Chancellor, Khulna University of Engineering & Technology (KUET).
11. Secretary to Vice Chancellor, Rajshahi University of Engineering & Technology (RUET).
12. Rector, ESCB
13. Executive Officer, IEB
14. Training Manager, Training Wing, IEB
15. Assistant Executive Officer (Academic)/(F & A), IEB
16. IT Officer, IEB
17. All Candidates of the Section “A” and Section “B” of AMIE Examination
18. All Section In-charge, IEB
19. Notice Board

(Professor Dr. Quazi Deen Mohd Khosru)  
Honorary Deputy Controller of Examinations, IEB