

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

PROGRAMME FOR SECTION "A" AND SECTION "B" OF AMIE EXAMINATION, APRIL, 2022.
EXAMINATION CENTRE: DHAKA (BUET), CHATTOGRAM (CUET), KHULNA (KUET) AND RAJSHAHI (RUET).

TIME: 2:00 PM TO 5:00 PM

DATE & DAY	SUBJECTS
14 MAY, 2022 SATURDAY	1. FLUID MECHANICS & MACHINERIES (B, OLD CIVIL & MECH), (B, NEW 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, OLD CHE) 5. BASIC FLUID MECHANICS AND HEAT TRANSFER (SEC. A NEW) 6. CHEMISTRY (SEC. A NEW)
16 MAY, 2022 MONDAY	1. STRUCTURAL ANALYSIS (B, OLD CIVIL), (B, NEW CIVIL) 2. RAILWAY AND AIRPORT ENGINEERING (B, NEW CIVIL) 3. INDUSTRIAL ADMINISTRATION AND MANAGEMENT (B, OLD MECH), (B, NEW ME, EEE) 4. ELECTRICAL MACHINES (B, OLD ELECT) 5. UNIT OPERATION PRACTICES (B, OLD CHE) 6. ENGINEERING MATHEMATICS (SEC. A OLD) 7. MATHEMATICS - II (SEC. A NEW)
18 MAY, 2022 WEDNESDAY	1.** STRUCTURAL DESIGN (B, OLD CIVIL), (B, NEW CIVIL) 2.** MACHINE DESIGN (B, OLD MECH) 3.** PROCESS DESIGN (B, OLD CHE) 4. ADVANCED ELECTRONICS (B, OLD ELECT) 5. ELECTRIC TRANSMISSION AND DISTRIBUTION SYSTEM (B, NEW EEE) 6. ENGINEERING MECHANICS (SEC. A OLD & NEW)
21 MAY, 2022 SATURDAY	1. ENGINEERING THERMODYNAMICS (B, NEW MECH) 2. CONTROL SYSTEM (B, NEW EEE) 3. BASIC FLUID MECHANICS (SEC. A OLD & NEW)
23 MAY, 2022 MONDAY	1. WATER SUPPLY AND SANITATION ENGINEERING (B, NEW CIVIL) 2. ELECTRONIC CIRCUIT ANALYSIS (B, NEW EEE) 3. INDUSTRIAL STOICHIOMETRY (B, OLD CHE), (SEC. A NEW) 4. MATHEMATICS - I (SEC. A NEW)
25 MAY, 2022 WEDNESDAY	1. HYDROLOGY, IRRIGATION AND FLOOD MANAGEMENT (B, NEW CIVIL) 2. AUTOMOBILE ENGINEERING (B, OLD MECH) 3. POWER SYSTEM PROTECTION (B, NEW EEE) 4. STRENGTH OF MATERIALS (SEC. A OLD & NEW) 5. HEAT AND MASS TRANSFER (A OLD) 6. THERMAL ENGINEERING (SEC. A OLD & NEW) 7. CHEMICAL ENGINEERING THERMODYNAMICS (SEC. A NEW)
28 MAY, 2022 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)
30 MAY, 2022 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. ENGLISH AND ECONOMICS (SEC. A NEW) 6. GEODESY (SEC. A OLD)
1 JUNE, 2022 WEDNESDAY	1. COMPUTER FUNDAMENTALS (B, OLD CIVIL, MECH, ELECT & CHE), (B, NEW CIVIL, ME, EEE) 2. ENGINEERING MATERIALS (SEC. A OLD & NEW) 3. ENGINEERING DRAWING (ME/EEE/ CH.E) (SEC.A OLD & NEW)
6 JUNE, 2022 MONDAY	1. HYDROLOGY (B, OLD CIVIL) 2. MANUFACTURING PROCESS (B, OLD MECH) 3. MEASUREMENT & INSTRUMENTATION (B, OLD ELECT), (B, NEW EEE) 4. CHEMICAL ENGINEERING THERMODYNAMICS (B, OLD CHE) 5. BASIC ELECTRICAL ENGINEERING (SEC. A OLD & NEW) 6. ENGINEERING DRAWING (CIVIL), (SEC. A OLD & NEW) 7. ELEMENTARY ELECTRONICS (SEC. A OLD & NEW)
8 JUNE, 2022 WEDNESDAY	1. SOIL MECHANICS & FOUNDATION(B,OLD CIVIL/ GEOTECHNICAL AND FOUNDATON ENGINEERING (B, NEW CIVIL) 2. POWER PLANT ENGINEERING (B, OLD MECH), (B, NEW MECH) 3. NETWORK ANALYSIS (B, OLD ELECT), (B, NEW EEE) 4. ELEMENTARY ELECTRICAL ENGINEERING (SEC. A OLD & NEW)
11 JUNE, 2022 SATURDAY	1. IRRIGATION, FLOOD CONTROL & DRAINAGE (B, OLD CIVIL) 2. OPEN CHANNEL HYDRAULICS AND RIVER TRAINING (B, NEW CIVIL) 3. THEORY OF MACHINES (B, OLD MECH), (B, NEW MECH) 4. POWER SYSTEM ANALYSIS (B, OLD ELECT) 5. DIGITAL ELECTRONICS (B, NEW EEE) 6. NATURAL GAS AND REFINERY ENGINEERING (B, OLD CHE.) 7. PROPERTIES & MECHANICS OF MATERIALS (SEC. A OLD & NEW) 8. SCIENCE OF MATERIALS (SEC. A OLD & NEW) 9. SURVEYING (SEC. A 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 2021-2022 (V/33 of the Rules and Syllabus).
5. Candidates are to note that the present examination will be held at **Dhaka, Chattogram, 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. Abu Siddique)
Controller of Examinations, IEB

Memo No. HQ/IEB/EXAM/PROGRAMME/APRIL, 2022/900

Date: 13/04/2022

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. Mohammed Imamul Hassan Bhuiyan)
Honorary Deputy Controller of Examinations, IEB