MIRPUR UNIVERSITY OF SCIENCE AND TECHNOLOGY (MUST), MIRPUR AJK

	Sample Paper Entry Test - 2025	**Group-A (Non Medical)**
		Roll No.:_____
Total Marks: 100	**B.Sc. Engineering/ Technology**	**Time: 120 Mins**

Directions: *Each of the questions below is followed by different answer choices; choose the correct answer to each question. Each correct answer will get 01 mark. Cutting on the answer sheet will have no credit to that answer. Fill the appropriate circle completely like this ●, improper filled circles will be marked incorrect by the machine. Cell phone inside the examination hall is not allowed in any case.*

Section: Mathematics

Q.1   The common ratio of a geometric sequence cannot be
        (A) 2   (B) 3   (C) 1   (D) 0

Q.2.   If two straight lines have same slope then these lines are
        (A) Horizontal   (B) Perpendicular (C) Parallel   (D) Vertical

Q.3.   The range of the projectile is maximum if the angle of projection is
        (A) 30   (B) 90   (C) 45   (D) 60

Section: Physics

Q.31.   The area under Force and displacement curve is
        (A) Displacement   (B) Acceleration   (C) work   (D) None of these

Q.32.   The acceleration due to gravity at center of earth is
        (A) 0   (B) Negative   (C) 20 m/s2   (D) Positive

Q.33.   Time rate of change of momentum is equal to
        (A) Torque   (B) Force   (C) Orbital Angular Momentum   (D) Acceleration

Section: General Knowledge

Q.61.   In which year did Pakistan win the Cricket T 20 World Cup?
        (A) 2007   (B) 2011   (C) 2015   (D)2009

Q.62.   The Largest Mountain series of the World is
        (A) Himalaya (B)Andes   (C) Rock   (D)Alps

Q.63.   The Holy Quran completed in years
        (A) 21 (B)23   (C) 30 (D) 40

Section: English

Q.81.   Choose the correct sentence out of the four choices given below.
A. His watch needed repaired.   B. His watch is needing repairing.
C. His watch has needing repair.   D. His watch needed repairing

Q.82.   Choose the correct Antonyms of 'AMALGAMATE'
A. Separate   B. Materialize C. Repair D. Generate

Q.83.   She is quite hopeful_____ success in her Entrance Examination.
A. For B. of   C. to   D. from

Section: Basic Computer

Q.91.   The first Network was called
        (A) CNNET   (B) NSFNET   (C) ARPANET   (D) ASAPNET

Q.92.   Which of the following is non-volatile storage?
        (A) Backup   (B) Primary   (C) Secondary   (D) Cache

Q.93.   The physical devices of a computer?
        (A) Software   (B) Package   (C) System Software   (D) Hardware

Sr. No.	Section
01 to 30	Mathematics
31 to 60	Physics
61 to 80	General Knowledge
81 to 90	Computer
91 to 100	English