

**Test Series Batch-Online-1
CSS-2026 (October 2025)
GK-I (General Science & Ability) Test-1**

INSTRUCTIONS

***SOLVE TWO** of the following questions
ALLOCATE 40 minutes to each question
ANSWER all parts of the question
ASSIGN proportionate weightage to each part
Each question carries **TWENTY** marks*

Question 1

- A) What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit?
- B) Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B. Find the ratio of A: B.
- C) A sum of money is to be distributed among A, B, C, D in the proportion of 5: 2: 4: 3. If C gets Rs. 1000 more than D, what is B's share?
- D) If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number?

Question 2

- A) How a satellite is launched? Define the working principle of GPS.
- B) What is Optical Fiber? Explain the working principle of Optical Fiber.
- C) Explain the working of a cell phone.
- D) Write Short notes on the following:
 - a) RAM and ROM
 - b) Software and Hardware
 - c) Computer Bus

Question 3

(For KPPMS Only)

Write short notes on the following: (20Marks)

- A) Al-Khwarizmi and his contributions
- B) Ibn al-Hytham and his inventions
- C) Ibn Sina
- D) Mariam al-Astrulabi
