



NATIONAL OFFICERS ACADEMY
OnCampus & Online Test Series
January 2026 (Test 4)-Final, CSS2026
GENERAL KNOWLEDGE-I
GENERAL SCIENCE AND ABILITY

TIME ALLOWED: THREE HOURS	PART-I (MCQS)	MAXIMUM MARKS = 20
PART-I(MCQS): MAXIMUM 30 INUTES	PART-II	MAXIMUM MARKS = 80

NOTE:

- i. Part-II is to be attempted on the separate Answer Book.**
- ii. Attempt ONLY FOUR questions from PART-II by selecting TWO questions from EACH SECTION. ALL questions carry EQUAL marks.**
KP-PMS(Attempt All Questions from Section-I Only)

PART-II
SECTION-I

Q. No. 2

- a- Explain the working of human kidneys.
- b- What is solar system & explain its components.
- c- What is the importance of balanced diet for healthy living?
- d- Define cell & differentiate in between plant, animal and micro organismic cell.

Q. No. 3

- a- Explain the causes of global warming.
- b- Explain the solar and lunar eclipses.
- c- Give a brief about tsunamis & cyclones.
- d- Describe the food preservation methods with examples. (atleast 7)

Q. No. 4

- a- What is the importance and deficiency disorders of carbohydrates, proteins and lipids.
- b- What is nervous system? Give a brief about human brain.
- c- What are the possible environmental applications of GIS?
- d- Define circulatory system & explain the double circulation in humans.

Q. No. 5

- a- Trace the weaknesses in disaster management in Pakistan.
- b- What is SWM? Describe the importance of SWM.
- c- Highlight the importance of biofuels.
- d- Explain the internal structure of earth.

SECTION-II

Q. No. 6

- A) Zahid and Basit invest in a business in the ratio 3 : 2. If 5% of the total profit goes to charity and Zahid's share is Rs. 8550, the total profit is:
- B) If 20% of $a = b$, then $b\%$ of 20 is what percent of a ?
- C) Two numbers are in the ratio of 2:3. If the product of their LCM&HCF is 294. Find the numbers.
- D) Find the total cost of building a wall? If the price of one brick is Rs.30 each measuring 25cm x 11.25cm x 6cm, the dimension of is 8m x 6m x 22.5cm.

Q. No. 7

- A) A bus starts from city Islamabad. The number of women in the bus is half of the number of men. In city Rawalpindi, 10 men leave the bus and five women enter. Now, number of men and women is equal. In the beginning, how many passengers entered the bus?
- B) In a code language, KENWOOD is written as RRGWICL then in same language the word PANASONIC is written as?
- C) If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number?
- D) A source of light is placed at a distance of 4 meters away from a tree, the shadow of the tree is falling on a building having height 50 meters, if the tree is 6 meters away from the tree, find the height of the tree.

Q. No. 8

- A) In a garden, there are 10 rows and 12 columns of mango trees. The distance between the two trees is 2 meters and a distance of one meter is left from all sides of the boundary of the garden. The length of the garden is?
- B) A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting?
- C) If one-third of one-fourth of a number is 15, then three-tenth of that number is?
- D) From his house, Rehman went 15km to the North, then he turned to his left and covered 10km, then again turned to his left and covered 5km. Finally turning to his left again, he covered 10km. 1. In which direction is he from his house? 2. How far is he from his house? 3. How much distance he had travelled?

We wish you Good Luck for CSS 2026