



NATIONAL OFFICERS ACADEMY
Mock Exams CSS-2026
January 2026 (Final Mock)
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: <ul style="list-style-type: none">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.		

PART-II
(SECTION-A)

Q. No. 2

- a. Describe the structure of universe according to big bang theory.
- b. Define urinary system & explain the working of nephron.
- c. What is Un-balanced diet? How it affects the healthy living?
- d. Describe the structure and functions of cell wall, cell membrane, cytoplasm and mitochondria.

Q. No. 3

- a. How global warming can be reversed?
- b. Define ceramics. Give properties and applications of ceramics.
- c. Explain the working of Optic fibers & Mobile phone.
- d. Define the following and give examples:
 - Food Additives
 - Food Preservatives
 - Food Adulteration
 - Food Contamination

Q. No. 4

- a. Explain the role of heart and blood vessels in circulation.
- b. What is cyclone? Describe the formation of cyclone.
- c. Enlist the functions of:
 - Carbohydrates
 - Proteins
 - Fats
 - Calcium
 - Iron
- d. How remote sensing can be employed for environmental purposes?

Q. No. 5

- a. What is DRM? Give the importance of Risk assessment in DRM.
- b. Define biofuels. Explain the production of biodiesel and bio gas.
- c. What is digestive system? Explain the role of stomach and small intestine.
- d. Define plastics. Give their properties applications and environmental risks associated with plastics.

(SECTION-B)

Q. No. 6

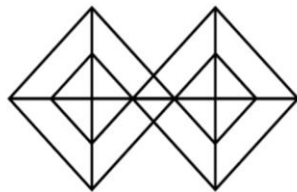
- A. Pointing to a woman, Ahsan said, "Her granddaughter is the only daughter of my brother." How is the woman related to Ahsan?
- B. The ratio between the length and the breadth of a rectangular park is 3:2. If a man cycling along the boundary of the park at the speed of 12 km/hr completes one round in 8 minutes, then the area of the park (in sq. m) is?
- C. In a two-digit number, if it is known that its unit's digit exceeds its ten's digit by 2 and that the product of the given number and the sum of its digits is equal to 144, then the number is?
- D. The L.C.M. of two numbers is 48. The numbers are in the ratio of 2: 3. Then the sum of the number is?

Q. No. 7

- A) If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number?
- B) On selling 17 balls at Rs. 720, there is a loss equal to the cost price of 5 balls. The cost price of a ball is?
- C) A man is 24 years older than his son. In two years, his age will be twice the age of his son. The present age of his son is?
- D) Rashid and Kamran are working on an assignment. Rashid takes 6 hours to type 32 pages on a computer, while Kamran takes 5 hours to type 40 pages. How much time will they take, working together on two different computers to type an assignment of 110 pages?

Q. No. 8

- A. There are five different houses A to E in a row. A is to the right of B and E is to the left of C and right of A. B is to the right of D. Which of the houses is in the middle?
- B. If you start running from a point towards north and after covering 4km you turn to your left and run 5 km, and then again turn to your left and run 5km and then turn to left again and run another 6km and before finishing you take another left turn and run 1 km then answer questions based on this information.
- How many km are you from the place you started?
- In which direction will you be running while finishing?
- After taking the second turn, in which direction will you be running?
- From the finishing point if you have to reach the point from where you started, in which direction will you have to run?
- C. Find the odd man out in the following anagrams. (a) THRSI (b) AOTC(c) EOUBSL (d) KTRIS (e) RETAEWS
- D. How many triangles can you find in the figure given below?



Best of Luck for CSS-2026