



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:		
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?

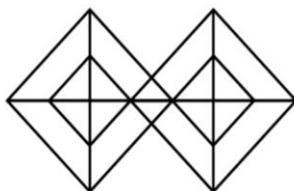
Q. No. 8

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