CV RAMAN ACADEMY
IIT-JEE | MEDICAL | FOUNDATIONS
The Premier Coaching Institute
Be ahead of time. Reach the skies.

Hunt for Junior CV Raman – 2024

CODE	24110

Class X- MEDI

SAMPLE QUESTION PAPER

PHYSICS

1.	At the time of short circuit, the current in the circuit (a) reduces substantially (b) does not change (c) increases heavily (d) very continuously
2.	When a spherical convex lens made of glass is immersed in water, its focal length (a) decreases (b) does not change (c) increases (d) none of the above

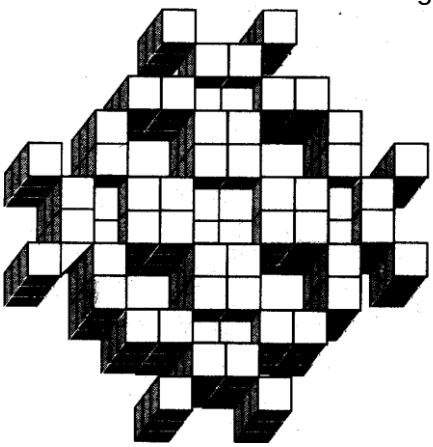
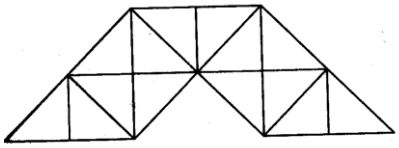
CHEMISTRY

3.	Multiple covalent bonds exist in a molecule of: (a) F_2 (b) N_2 (c) CH_4 (d) H_2
4.	A student mistakingly used a wet gas jar to collect sulphur dioxide. Which one of the following tests of the gas is likely to fail? a) odur b) effect on acidified $k_2Cr_2O_7$ solution c) solubility test d) none of these

BIOLOGY

5.	Translocation of solutes primarily takes place through a)Phloem b)xylem c)cortex d)pith
6	Name the plant hormone which is termed growth inhibitor a)Auxin b)gibberellins c)abscisic acid d)ethylene
7	Gastric digestion takes place efficiently in a)Acidic medium b)Alkaline medium c)neutral medium d)highly alkaline medium

MENTAL ABILITY

8	Count the number of cubes in following figure?  (a)144 (b)150 (c)158 (d)168
9.	**Statements:** (A) Some dogs are doors. (B) All doors are bats. **Conclusions:** **I.** Some dogs are bats. **II.** All dogs are bats. **III.** Some bats are dogs. **IV.** All bats are dogs. (a) All the conclusions follow (b) None of the conclusions follow (c) Only II and IV follow (d) Only I and III follow
10.	Count the number of triangles in the following figure:  (a)23 (b) 27 (c) 29 (d) 31