



# Nishant eAcademy

## CBSE Sample Paper Class 10 Science 2023-24

Subject: Science Class: 10 Maximum Marks: 80 Duration: 3 hours

Section A: Objective Type Questions (1 mark each)

1. Which of the following is a non-metal? a) Sodium b) Copper c) Oxygen d) Silver
2. The process of conversion of a solid directly into a gas without melting is called \_\_\_\_\_. a) Condensation b) Evaporation c) Sublimation d) Freezing

Section B: Short Answer Type Questions (2 marks each)

3. State two functions of the stomata in plants.
4. What is a homologous series? Give an example.

Section C: Long Answer Type Questions (3 marks each)

5. What is the difference between an exothermic and an endothermic reaction? Give an example of each.
6. Draw a labelled diagram of the human digestive system and explain the digestion process in the stomach.

Section D: Very Long Answer Type Questions (5 marks each)

7. Explain the process of photosynthesis in plants. How is it essential for maintaining the balance of oxygen and carbon dioxide in the atmosphere?
8. Define refraction of light. State two factors on which the magnitude of refraction depends.