



Nishant eAcademy

CBSE Sample Paper Class 8 Science 2021-22

Subject: Science Class: 8 Maximum Marks: 80 Duration: 2 hours

Section A: Multiple Choice Questions (Each question carries 1 mark)

1. Which of the following is not a source of light? (a) Sun (b) Moon (c) Candle (d) Mirror
2. The process of conversion of a solid directly into a gas is called: (a) Melting (b) Evaporation (c) Condensation (d) Sublimation
3. The property of a substance to burn in air is called: (a) Combustion (b) Oxidation (c) Respiration (d) Evaporation

Section B: Short Answer Type Questions (Each question carries 2 marks)

4. What is photosynthesis? Write the chemical equation representing photosynthesis.
5. Explain the process of digestion in the human body.

Section C: Long Answer Type Questions (Each question carries 3 marks)

6. Define force and give examples of different types of forces.
7. Explain the concept of reflection of light. Draw a labeled diagram to show the reflection of light.

Section D: Application-based Questions (Each question carries 5 marks)

8. Write the steps involved in the process of formation of a rainbow. Explain why a rainbow is formed after rain.
9. A ball is thrown vertically upwards and then falls back to the ground. Explain the forces acting on the ball during its motion.