



Nishant eAcademy

CBSE Sample Paper Class 11 Science 2023-24

Subject: Science Class: 11 Maximum Marks: 70 Duration: 3 hours

Section A: Multiple Choice Questions (20 marks)

1. Which of the following is an example of a chemical change? (a) Melting of ice (b) Boiling of water (c) Rusting of iron (d) Cutting of paper
2. Which of the following is a non-metal? (a) Sodium (b) Aluminium (c) Iron (d) Chlorine
3. The process of conversion of a solid directly into a gas is called: (a) Condensation (b) Sublimation (c) Evaporation (d) Fusion

Section B: Short Answer Type (30 marks)

4. Define the term 'isotope' and give an example.
5. Explain the process of photosynthesis in plants.
6. State the laws of reflection of light.
7. Define the term 'cell membrane' and explain its functions.
8. Differentiate between renewable and non-renewable sources of energy.

Section C: Long Answer Type (20 marks)

9. Explain the structure of an atom with the help of a labeled diagram.
10. What are the different types of chemical reactions? Explain with suitable examples.
11. Describe the process of mitosis in detail.
12. Discuss the harmful effects of air pollution on human health and the environment.