



Nishant eAcademy

CBSE Sample Paper Class 7 Science 2023-24

Subject: Science Class: 7 Maximum Marks: 80 Duration: 2 hours

Section A: Multiple Choice Questions (1 mark each)

1. Which of the following is a non-metal? (a) Iron (b) Oxygen (c) Copper (d) Silver
2. Which of the following is an example of a chemical change? (a) Melting ice (b) Burning paper (c) Breaking a glass (d) Cutting a piece of wood
3. Which of the following is a primary consumer in a food chain? (a) Lion (b) Deer (c) Grass (d) Hawk

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

4. State one use of concave and convex mirrors.
5. Differentiate between renewable and non-renewable resources.
6. Explain the process of photosynthesis in plants.

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

7. Define force. Give two examples of contact forces and non-contact forces.
8. Explain the process of digestion in humans.
9. What is evaporation? Explain how evaporation causes cooling.

Section D: Application-based Questions (5 marks each)

10. A ball is dropped from a height of 20 meters. If it takes 2 seconds to reach the ground, calculate its average speed.
11. A plant requires a certain amount of sunlight to grow. Conduct an experiment to show the effect of sunlight on plant growth.
12. An object is placed in front of a convex lens. Draw a labeled ray diagram to show the formation of the image.