



Nishant eAcademy

CBSE Sample Paper Class 7 Science 2021-22

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) Copper (c) Oxygen (d) Sodium
2. Which of the following is a source of renewable energy? (a) Coal (b) Natural gas (c) Solar power (d) Nuclear power
3. What is the unit of electric current? (a) Volt (b) Watt (c) Ampere (d) Ohm

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

4. What is the function of the nucleus in a cell?
5. Explain the process of photosynthesis in plants.
6. Define reflection of light and give an example.

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

7. What is the difference between a physical change and a chemical change? Give one example of each.
8. How does our digestive system work? Explain the process of digestion.
9. What is a compound? Give two examples of compounds.

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

10. A student observed that an iron nail kept in a beaker of water for a few days started rusting. Explain why this happens and what could be done to prevent it.
11. A ball is dropped from a certain height. It takes 2 seconds to reach the ground. Calculate the height from which the ball was dropped. (Take $g = 10 \text{ m/s}^2$)
12. Write a short paragraph on the importance of conservation of natural resources.