



Nishant eAcademy

CBSE Sample Paper Class 11 Science 2022-23

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

Section A: Multiple Choice Questions (20 marks)

1. Which of the following statements about atoms is incorrect? (A) Atoms are the building blocks of matter. (B) Atoms of the same element are identical in all respects. (C) Atoms combine to form molecules. (D) Atoms can be divided into smaller particles.
2. The process of conversion of a solid directly into a gas is called: (A) Condensation (B) Sublimation (C) Evaporation (D) Freezing
3. The unit of electric current is: (A) Volt (B) Ohm (C) Ampere (D) Watt

Section B: Short Answer Type (30 marks)

4. Write the chemical formula for calcium carbonate and sodium chloride.
5. State Newton's second law of motion and give an example.
6. What is the difference between a plant cell and an animal cell?
7. Explain the process of photosynthesis.

Section C: Long Answer Type (20 marks)

8. Define the terms acceleration and velocity. Differentiate between them with suitable examples.
9. Explain the process of DNA replication.
10. Describe the structure and functioning of a human heart.