



Nishant eAcademy

CBSE Sample Paper Class 12 Science 2023-24

Subject: Science Class: 12 Maximum Marks: 70 Duration: 3 hours

Section A: Objective Type (20 marks)

1. Multiple Choice Questions: a) Which of the following is an example of a renewable resource? (A) Coal (B) Natural gas (C) Solar energy (D) Nuclear energy
b) The process of conversion of a solid directly into a gas is called: (A) Sublimation (B) Evaporation (C) Condensation (D) Melting
2. Fill in the blanks: a) The unit of electric current is _____. b) The pH value of a neutral solution is _____.

Section B: Short Answer Type (30 marks)

3. Explain the process of photosynthesis.
4. Differentiate between renewable and non-renewable resources.
5. Write the principle and working of an electric generator.
6. What is a redox reaction? Give an example.

Section C: Long Answer Type (20 marks)

7. Discuss the structure and functions of DNA.
8. Explain the working of a nuclear power plant.
9. Discuss the various methods of waste management and their significance.