



Nishant eAcademy

CBSE Sample Paper Class 11 Science 2019-20

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

Section A: Objective Type (20 marks)

1. Multiple Choice Questions: a) The atomic number of an element is determined by the number of: (A) Neutrons in its nucleus (B) Electrons in its nucleus (C) Protons in its nucleus (D) Neutrons and protons in its nucleus
b) The process of conversion of a solid directly into a gas is called: (A) Sublimation (B) Vaporization (C) Condensation (D) Melting
2. Fill in the blanks: a) The SI unit of electric current is _____. b) The process of combining oxygen with a substance to produce energy is called _____.

Section B: Short Answer Type (30 marks)

3. Define covalent bond. Give an example.
4. State the laws of reflection of light.
5. What is the function of mitochondria in a cell?
6. Write the balanced chemical equation for the reaction between sodium hydroxide and hydrochloric acid.
7. Differentiate between exothermic and endothermic reactions.

Section C: Long Answer Type (20 marks)

8. Explain the structure of the atom according to the Rutherford atomic model.
9. Discuss the various sources of energy and their significance in our daily life.
10. Describe the process of photosynthesis in plants.