



# Nishant eAcademy

## CBSE Sample Paper Class 11 Science 2021-22

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

Section A: Objective Type (20 marks)

1. Multiple Choice Questions: a) The process of conversion of glucose into alcohol is called: (A) Fermentation (B) Photosynthesis (C) Respiration (D) Transpiration  
b) Which of the following is a non-metal? (A) Sodium (B) Calcium (C) Nitrogen (D) Iron
2. Fill in the blanks: a) The process by which plants prepare their food is called \_\_\_\_\_. b) The unit of measurement for electric current is \_\_\_\_\_.

Section B: Short Answer Type (30 marks)

3. Define displacement in terms of motion.
4. Explain the structure of the atom according to the Rutherford model.
5. State the laws of reflection of light.
6. Explain the process of transcription in molecular biology.

Section C: Long Answer Type (20 marks)

7. Describe the process of photosynthesis and its importance in the ecosystem.
8. Explain the working principle of a transformer and its applications.
9. Discuss the various types of chemical reactions with examples.