



Nishant eAcademy

CBSE Sample Paper Class 8 Science 2019-20

Subject: Science Class: 8 Maximum Marks: 80 Duration: 2 hours

Section A: Multiple Choice Questions (Each question carries 1 mark)

1. Which of the following is an example of a non-renewable resource? (a) Solar energy (b) Wind energy (c) Coal (d) Water
2. The process of conversion of a solid directly into a gas is called: (a) Sublimation (b) Evaporation (c) Condensation (d) Melting
3. Which of the following is a chemical change? (a) Melting of ice (b) Burning of paper (c) Dissolving salt in water (d) Cutting a piece of wood

Section B: Short Answer Type Questions (Each question carries 2 marks)

4. Explain the difference between a mixture and a compound.
5. What is the function of the nucleus in a cell?

Section C: Long Answer Type Questions (Each question carries 3 marks)

6. Describe the process of photosynthesis. Write the balanced chemical equation for photosynthesis.
7. Explain why objects float or sink in water based on the concept of density.

Section D: Application-based Questions (Each question carries 5 marks)

8. Draw a labelled diagram of the human digestive system and explain the function of each organ involved.
9. Explain the concept of reflection of light with the help of a diagram. Also, mention the laws of reflection.