

CLASS X SCIENCE SAMPLE PAPER – 1

Time: 3 Hours Maximum Marks: 80

Instructions: Attempt all questions. Draw labelled diagrams wherever required. No answers are to be written on the question paper.

Section A – MCQs (20×1)

1. Choose the correct answer from Metals and Non-metals.
2. Choose the correct answer from Carbon and Its Compounds.
3. Choose the correct answer from Periodic Classification of Elements.
4. Choose the correct answer from Life Processes.
5. Choose the correct answer from Control and Coordination.
6. Choose the correct answer from How do Organisms Reproduce.
7. Choose the correct answer from Heredity.
8. Choose the correct answer from Light – Reflection and Refraction.
9. Choose the correct answer from Human Eye and Colourful World.
10. Choose the correct answer from Electricity.
11. Choose the correct answer from Magnetic Effects of Electric Current.
12. Choose the correct answer from Sources of Energy.
13. Choose the correct answer from Our Environment.
14. Choose the correct answer from Sustainable Management of Natural Resources.
15. Choose the correct answer from Chemical Reactions and Equations.
16. Choose the correct answer from Acids, Bases and Salts.
17. Choose the correct answer from Metals and Non-metals.
18. Choose the correct answer from Carbon and Its Compounds.
19. Choose the correct answer from Periodic Classification of Elements.
20. Choose the correct answer from Life Processes.

Section B – Very Short Answer (6×2)

21. Answer briefly from Control and Coordination.
22. Answer briefly from How do Organisms Reproduce.
23. Answer briefly from Heredity.
24. Answer briefly from Light – Reflection and Refraction.
25. Answer briefly from Human Eye and Colourful World.
26. Answer briefly from Electricity.

Section C – Short Answer (7×3)

27. Explain Magnetic Effects of Electric Current.
28. Explain Sources of Energy.
29. Explain Our Environment.

30. Explain Sustainable Management of Natural Resources.

31. Explain Chemical Reactions and Equations.

32. Explain Acids, Bases and Salts.

33. Explain Metals and Non-metals.

Section D – Long Answer (5×5)

34. Describe in detail Carbon and Its Compounds.

35. Describe in detail Periodic Classification of Elements.

36. Describe in detail Life Processes.

37. Describe in detail Control and Coordination.

38. Describe in detail How do Organisms Reproduce.

Section E – Case Study (2×5)

39. Read the case study based on Heredity and answer the questions.

40. Read the case study based on Light – Reflection and Refraction and answer the questions.

CLASS X SCIENCE SAMPLE PAPER – 2

Time: 3 Hours Maximum Marks: 80

Instructions: Attempt all questions. Draw labelled diagrams wherever required. No answers are to be written on the question paper.

Section A – MCQs (20×1)

1. Choose the correct answer from Carbon and Its Compounds.

2. Choose the correct answer from Periodic Classification of Elements.

3. Choose the correct answer from Life Processes.

4. Choose the correct answer from Control and Coordination.

5. Choose the correct answer from How do Organisms Reproduce.

6. Choose the correct answer from Heredity.

7. Choose the correct answer from Light – Reflection and Refraction.

8. Choose the correct answer from Human Eye and Colourful World.

9. Choose the correct answer from Electricity.

10. Choose the correct answer from Magnetic Effects of Electric Current.

11. Choose the correct answer from Sources of Energy.

12. Choose the correct answer from Our Environment.

13. Choose the correct answer from Sustainable Management of Natural Resources.

14. Choose the correct answer from Chemical Reactions and Equations.

15. Choose the correct answer from Acids, Bases and Salts.

16. Choose the correct answer from Metals and Non-metals.

17. Choose the correct answer from Carbon and Its Compounds.

18. Choose the correct answer from Periodic Classification of Elements.

19. Choose the correct answer from Life Processes.
20. Choose the correct answer from Control and Coordination.

Section B – Very Short Answer (6×2)

21. Answer briefly from How do Organisms Reproduce.
22. Answer briefly from Heredity.
23. Answer briefly from Light – Reflection and Refraction.
24. Answer briefly from Human Eye and Colourful World.
25. Answer briefly from Electricity.
26. Answer briefly from Magnetic Effects of Electric Current.

Section C – Short Answer (7×3)

27. Explain Sources of Energy.
28. Explain Our Environment.
29. Explain Sustainable Management of Natural Resources.
30. Explain Chemical Reactions and Equations.
31. Explain Acids, Bases and Salts.
32. Explain Metals and Non-metals.
33. Explain Carbon and Its Compounds.

Section D – Long Answer (5×5)

34. Describe in detail Periodic Classification of Elements.
35. Describe in detail Life Processes.
36. Describe in detail Control and Coordination.
37. Describe in detail How do Organisms Reproduce.
38. Describe in detail Heredity.

Section E – Case Study (2×5)

39. Read the case study based on Light – Reflection and Refraction and answer the questions.
40. Read the case study based on Human Eye and Colourful World and answer the questions.