

# Class 4 Science

## Mock Test

### Very Short Questions:

1. What is the unit to measure temperature?
2. Define photosynthesis.
3. Name three states of matter.
4. What is the function of the heart?
5. Give an example of a herbivore animal.
6. Define reflection of light.
7. What is evaporation?
8. Name the largest planet in our solar system.
9. What is the shape of the Earth?
10. Define friction.

### Short Questions:

11. Explain the water cycle briefly.
12. Describe the process of germination of a seed.
13. What are the different types of teeth in humans?
14. How does a magnet attract iron?
15. Name the parts of a flower and their functions.
16. Describe the process of digestion in humans.
17. Explain the difference between a mixture and a compound.
18. How does the moon affect the tides?
19. What are the main sources of light?
20. Describe the life cycle of a butterfly.

### ### Long Questions:

21. Explain the structure of a plant cell.
22. Describe the solar system and its components.

23. Discuss the importance of recycling.
24. Explain the concept of food chain with an example.
25. Describe the process of respiration in plants.
26. How does the human skeletal system function?
27. Discuss the conservation of water resources.
28. Explain the difference between renewable and non-renewable sources of energy.
29. Describe the ecosystem and its components.
30. Explain the process of condensation.

### **Very Short Questions:**

31. What is the main function of the lungs?
32. Name the bones in the human arm.
33. What is a rainbow?
34. Define acceleration.
35. Name three types of clouds.
36. What is the formula for density?
37. Name the fastest land animal.
38. Define buoyancy.
39. What is a lunar eclipse?
40. Name the layers of the Earth's atmosphere.

### **Short Questions:**

41. Describe the process of fermentation.
42. Explain the role of chlorophyll in photosynthesis.
43. What is a fossil fuel? Give examples.
44. How do plants make their own food?
45. Discuss the importance of vitamins in our diet.
46. Explain the concept of buoyancy with an example.
47. Describe the life cycle of a frog.
48. How does the nervous system work?

49. Discuss the effects of air pollution on the environment.
50. Describe the process of pollination.

### **Long Questions:**

51. Explain the greenhouse effect and its implications.
52. Describe the process of mitosis.
53. Discuss the importance of biodiversity.
54. How do different animals adapt to their habitats?
55. Explain the concept of gravity.
56. Describe the process of water purification.
57. Discuss the role of enzymes in digestion.
58. How are fossils formed?
59. Explain the concept of reflection and refraction of light.
60. Discuss the causes and effects of global warming.

### **Very Short Questions:**

61. What is a hygrometer used to measure?
62. Name the primary colors of light.
63. Define a chemical reaction.
64. What is the function of the kidneys?
65. Name the bones in the human leg.
66. Define an ecosystem.
67. What is a convex lens?
68. Name three types of energy.
69. Define a lunar month.
70. What is the purpose of the ozone layer?

### **Short Questions:**

71. How does the circulatory system work?
72. Describe the process of erosion.

73. What is an electric circuit?
74. Discuss the importance of conservation of wildlife.
75. How does the eye function?
76. Explain the concept of buoyant force.
77. Describe the process of hibernation.
78. How are clouds formed?
79. Discuss the role of microorganisms in our ecosystem.
80. Describe the water filtration process in plants.

### **Long Questions:**

81. Explain the process of fermentation in detail.
82. Discuss the advantages and disadvantages of solar energy.
83. Describe the layers of the Earth.
84. How does the respiratory system work?
85. Explain the process of sedimentation.
86. Discuss the importance of recycling plastic.
87. Describe the process of metamorphosis in insects.
88. How does sound travel through different mediums?
89. Explain the concept of energy conservation.
90. Discuss the formation of day and night on Earth.

### **Very Short Questions:**

91. What is the function of the liver?
92. Name the natural satellite of the Earth.
93. Define friction and its types.
94. What is an omnivore?
95. Name the longest river in the world.
96. Define an electric current.
97. What is a lunar eclipse?
98. Name the three states of matter.

99. Define an earthquake.

100. What is the process of water turning into vapor called?