

Class 5 Science

Mock Test

Very Short Questions (1-2 marks each)

1. What is photosynthesis?
2. Name two sources of natural light.
3. What is the boiling point of water?
4. Define evaporation.
5. Name the process by which plants make their food.
6. What is the function of the root in a plant?
7. Define herbivores.
8. What is a food chain?
9. Name two renewable sources of energy.
10. What is the main gas found in the air we breathe?
11. Define condensation.
12. What is the chemical formula of water?
13. Name two non-living things.
14. What is a habitat?
15. Define omnivores.
16. Name the organ that pumps blood in our body.
17. What are insulators?
18. Define matter.
19. What is a shadow?
20. Name two types of rocks.

Short Questions (3-5 marks each)

21. Explain the water cycle.
22. What is the role of the sun in the water cycle?
23. Differentiate between carnivores and herbivores.
24. Describe the structure of a leaf.

25. Explain the importance of the digestive system.
26. What are the main functions of the heart?
27. Describe how plants reproduce.
28. Explain the process of seed germination.
29. What are the three states of matter?
30. How does the respiratory system work?
31. Explain how electricity is conducted.
32. Describe the process of filtration.
33. What are the components of soil?
34. Explain the concept of friction.
35. What are the main parts of a plant?
36. Describe how food is transported in plants.
37. Explain the importance of minerals in our diet.
38. What is the function of the nervous system?
39. Describe the process of pollination.
40. Explain how rain is formed.

Long Questions (6-10 marks each)

41. Describe the life cycle of a butterfly.
42. Explain the importance of water conservation.
43. Describe the human digestive system in detail.
44. Explain the greenhouse effect and its impact on the environment.
45. Describe the different types of ecosystems.
46. Explain the process of photosynthesis in detail.
47. Describe the structure and function of the human heart.
48. Explain the different types of simple machines.
49. Describe how electricity is generated from wind energy.
50. Explain the importance of forests to the environment.
51. Describe the process of water purification.
52. Explain the role of decomposers in an ecosystem.
53. Describe the adaptations of desert plants.
54. Explain the process of the carbon cycle.

55. Describe the importance of recycling.
56. Explain the impact of pollution on the environment.
57. Describe the structure and function of the human brain.
58. Explain how plants and animals depend on each other.
59. Describe the different layers of the Earth.
60. Explain the process of soil erosion and its prevention.

Very Short Questions (1-2 marks each)

61. What is a cell?
62. Name two types of cells.
63. What is a habitat?
64. Define ecosystem.
65. What is chlorophyll?
66. Name the gas essential for breathing.
67. Define gravity.
68. What is a fossil?
69. Name the planet closest to the sun.
70. What is a constellation?
71. Define renewable energy.
72. What is global warming?
73. Name the hardest natural substance.
74. What is a conductor?
75. Define sedimentary rock.
76. What is a volcano?
77. Name the process by which plants lose water.
78. Define inertia.
79. What is a magnet?
80. Name two types of magnets.

Short Questions (3-5 marks each)

81. Explain the importance of the sun for Earth.
82. What are the functions of the leaves in a plant?

83. Describe the process of water transportation in plants.
84. Explain how animals adapt to their environment.
85. Describe the water cycle.
86. What are the functions of the roots of a plant?
87. Explain the structure of the human eye.
88. Describe the process of seed dispersal.
89. Explain the importance of vitamins and minerals in our diet.
90. Describe the process of rock formation.

Long Questions (6-10 marks each)

91. Explain the different types of pollution and their impact on the environment.
92. Describe the process of photosynthesis.
93. Explain the life cycle of a frog.
94. Describe the structure and function of the human respiratory system.
95. Explain the importance of conserving natural resources.
96. Describe the various components of an ecosystem.
97. Explain how plants adapt to different environments.
98. Describe the structure and function of the human skeletal system.
99. Explain the process of energy transfer in a food chain.
100. Describe the different types of renewable energy sources and their benefits.