



Nishant eAcademy

CBSE Sample Paper Class 6 Science 2022-23

Subject: Science Class: 6 Maximum Marks: 80 Duration: 2 hours

Section A: Multiple Choice Questions (1 mark each)

1. Which of the following is a source of renewable energy? a) Coal b) Natural gas c) Solar power d) Petroleum
2. Which of the following is a non-living thing? a) Dog b) Tree c) River d) Book
3. Which of the following is an example of a simple machine? a) Bicycle b) Airplane c) Television d) Hammer
4. What is the unit of measurement for temperature? a) Meter b) Kilogram c) Liter d) Degree Celsius
5. Which of the following animals is a herbivore? a) Lion b) Shark c) Cow d) Eagle

Section B: Short Answer Questions (2 marks each)

6. Name the process by which plants make their own food.
7. Give an example of a transparent object.
8. Write the SI unit of force.
9. What is the function of the heart in our body?
10. Define evaporation.

Section C: Long Answer Questions (3 marks each)

11. Explain the water cycle with the help of a diagram.
12. Differentiate between natural and artificial satellites.
13. Why do we need to conserve water? List three ways to conserve water at home.
14. Explain how plants are classified into different groups.
15. Give three examples of conductors and insulators of heat.

Section D: Application-Based Questions (5 marks each)

16. A ball is thrown vertically upwards. What happens to its potential energy and kinetic energy as it goes higher? Explain.
17. Explain how a magnifying glass works and its uses.
18. Describe the process of germination in plants.



[Download Nishant eAcademy App](#)

19. Give three examples each of a solid, liquid, and gas.
20. A student measured the temperature of water using a Celsius thermometer and recorded it as 28°C . Convert this temperature to Fahrenheit.

nishanteacademy.in

[Subscribe Nishant eAcademy YouTube Channel For Video Solution](#)