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## CBSE Sample Paper Class 6 Science 2021-22

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 non-living thing? a) Plant b) Animal c) Rock d) Bacteria
2. Which gas is most abundant in the Earth's atmosphere? a) Oxygen b) Nitrogen c) Carbon dioxide d) Hydrogen
3. The process of changing a liquid into a gas is called: a) Evaporation b) Condensation c) Freezing d) Sublimation
4. Which of the following is a source of renewable energy? a) Coal b) Natural gas c) Solar power d) Nuclear power
5. Which of the following animals is a herbivore? a) Lion b) Tiger c) Rabbit d) Eagle

### Section B: Short Answer Questions (2 marks each)

6. What is the function of the heart in our body?
7. Name any two major components of the solar system.
8. State one example each of a natural and artificial magnet.
9. What is the role of chlorophyll in plants?
10. Give two examples of insulators of electricity.

### Section C: Long Answer Questions (3 marks each)

11. Explain the process of photosynthesis in plants.
12. Describe the different states of matter with examples.
13. What is the importance of conservation of water? Mention any three ways to conserve water.
14. Explain the concept of food chain with an example.
15. Differentiate between renewable and non-renewable sources of energy.

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

16. An object has a mass of 25 kg. Calculate its weight on Earth. (Acceleration due to gravity on Earth =  $9.8 \text{ m/s}^2$ )
17. Write a short paragraph on the importance of recycling.
18. Explain the process of digestion in the human body.



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19. A plant is exposed to sunlight for several hours. Observe and describe any changes you notice in the plant.
20. Conduct an experiment to demonstrate the concept of buoyancy.

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