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CBSE Sample Paper Class 6 Science 2020-21

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) Nuclear energy
2. The process of changing a liquid into vapor is called: a) Condensation b) Evaporation c) Melting d) Freezing
3. The organ responsible for pumping blood in our body is: a) Lungs b) Heart c) Kidneys d) Brain
4. Which of the following is NOT a greenhouse gas? a) Carbon dioxide b) Oxygen c) Methane d) Nitrous oxide
5. Which of the following is a non-living thing? a) Plant b) Animal c) Bacteria d) Rock

Section B: Short Answer Questions (2 marks each)

6. Name the process by which plants make their own food.
7. Define reflection of light.
8. What is the function of the nucleus in a cell?
9. State two differences between a solid and a liquid.
10. Why do we sweat on a hot day?

Section C: Long Answer Questions (3 marks each)

11. Explain the process of photosynthesis in plants.
12. Differentiate between renewable and non-renewable sources of energy.
13. How does sound travel through air? Explain with the help of an experiment.
14. What are the three states of matter? Give an example of each.
15. Explain the importance of conservation of water resources.

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

16. A wooden block floats in water. Explain the concept of buoyancy.
17. Write a short paragraph on the harmful effects of air pollution.
18. Draw a labeled diagram of a plant cell.



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19. A magnet attracts a paperclip. Identify the poles of the magnet and explain why the paperclip is attracted.
20. Conduct an experiment to show the effect of sunlight on the growth of a plant. Write the materials required and the steps of the experiment.

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