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## CBSE Sample Paper Class 6 Science 2019-20

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) Flower b) Dog c) Rock d) Tree
2. Which of the following is an example of a herbivore? a) Lion b) Cow c) Eagle d) Snake
3. What is the process by which plants make their own food called? a) Photosynthesis b) Respiration c) Digestion d) Transpiration
4. Which of the following materials is a good conductor of electricity? a) Wood b) Rubber c) Copper d) Plastic
5. Which of the following is a source of renewable energy? a) Coal b) Natural gas c) Solar power d) Petroleum

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

6. Define reflection of light.
7. Name two animals that hibernate during winter.
8. State the three states of matter.
9. Give an example of a chemical change.
10. What is the function of the nucleus in a cell?

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

11. Explain the process of digestion in humans.
12. Differentiate between evaporation and condensation.
13. What is the role of the ozone layer in the atmosphere?
14. What are the different types of teeth found in humans? Explain their functions.
15. What is pollination? Explain the different types of pollination.

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

16. A ball is dropped from a height of 10 meters. If it takes 2 seconds to reach the ground, calculate its average speed.
17. A student conducted an experiment to test the effect of light on the growth of plants. She placed one plant near a window and another plant in a dark room. After a week, she observed that the plant near the window had grown taller. Explain the observations.



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18. An iron nail sinks in water, whereas a ship made of iron floats. Explain the reason behind this.
19. Draw a labeled diagram of the human respiratory system.
20. Write a short paragraph on the importance of water conservation.

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