

# CBSE Class 6 Science Sample Paper SA 2

Class VI

Science

Time: 2½hrs

Total Marks: 60

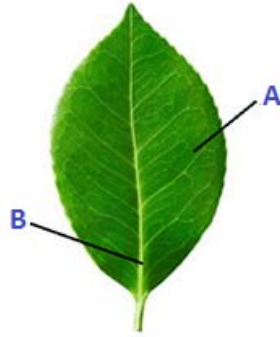
## General Instructions:

1. The question paper consists of 29 questions and is divided into four sections, A, B, C and D
2. All questions are compulsory.
3. Section A comprises of question numbers 1 to 15. These are multiple choice questions carrying 1 mark each.
4. Section B comprises of question numbers 16 to 20. These are Short Answer Questions carrying 2 marks each.
5. Section C comprises of question numbers 21 to 25. These are Short Answer Questions carrying 3 marks each.
6. Section D comprises of question numbers 26 to 29. These are Long Answer Questions carrying 5 marks each.

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## Section- A

1. Objects that give out or emit light of their own are called \_\_\_\_\_ objects.
  - a) Luminous
  - b) Reflection
  - c) Distracted
  - d) Magnetic
2. Evaporation is the process by which water changes from a \_\_\_\_\_.
  - a) liquid to gas
  - b) gas to liquid
  - c) liquid to solid
  - d) solid to gas
3. A and B represent two parts of a leaf. Choose the correct option.



- a) A= Midrib; B= Petiole
- b) A=Sepal; B= Midrib
- c) A= Lamina; B= Vein
- d) A=Lamina; B= Midrib

4. Which of these gases takes up the four-fifth of the space that air fills?

- a) Carbon dioxide
- b) Oxygen
- c) Nitrogen
- d) Argon

5. Which of the following methods is not a suitable method to reduce the waste?

- a) Recycling
- b) Composting
- c) Burning
- d) Reusing

6. Which of the following is an example for adaptation?

- a) Excretion
- b) Camouflage
- c) Reproduction
- d) Respiration

7. The gas in the air required for combustion is:

- a) Carbon dioxide
- b) Oxygen
- c) Nitrogen
- d) Argon

8. Which one of these will not attract to a bar magnetic?

- a) Chocolate wrapper
- b) Scissors
- c) Compass
- d) Paper clip

9. A plant part that houses the ovules is called

- a) Anther
- b) Root hairs
- c) Petal
- d) Ovary

10. Which of these should go into a blue bin?

- a) Bottle of Pepsi
- b) Unruly children
- c) Orange peel
- d) Oil

11. What is the term for anything in the environment that causes a living thing to respond?

- a) Adaptation
- b) Stimulus
- c) Fire
- d) Animal

12. Which of the following phenomenon is explained by an image in a mirror?

- a) Reflection
- b) Illumination
- c) Diffusion
- d) Refraction

13. All magnets have two poles. What are they?

- a) North-East
- b) North-South
- c) South-East
- d) South-West

14. Which of the following process does not contribute to water cycle?

- a) Condensation
- b) Evaporation
- c) Transpiration
- d) Combustion

15. What are the raw materials taken from earth to make human made objects called?

- a) Natural resources
- b) Electricity
- c) Natural products
- d) Garbage

### **Section- B**

16. Define adaptation.

17. Differentiate between creepers and climbers.

18. Define the following with examples.

- a) Magnetic material
- b) Non-magnetic material

19. Suppose you want to dry your school uniform quickly. Would spreading it near an anghiti or heater help? If yes how?

20. Write any two properties of a magnet.

### **Section- C**

21. Explain opaque, transparent and translucent objects.

22. If a plant has leaves with reticulate venation, then what kind of roots does it have?

23. In a completely dark room, you can't see your reflection in the mirror. Why?

24. Why earthworms are called farmer's friend?

### **Section- D**

25. 60 percent of garbage consists of packaging materials. Explain how this happens and measures to reduce this?

26. How are clouds formed?
27. How is the balance of oxygen and carbon dioxide in the atmosphere maintained?
28. Discuss an experiment to prove that air supports burning?
29. How is a cactus adapted to survive in a desert?

