

# AMRITA VIDYALAYAM

## ANNUAL EXAMINATION 2018 - '19

Class : VI

Marks : 80

Time : 2½ hrs

### SCIENCE

#### *GENERAL INSTRUCTIONS :*

1. This question paper comprises of two sections A and B. Attempt both sections.
2. All questions are compulsory.
3. Question numbers 1 - 2 are one mark questions.
4. Question numbers 3 - 5 are two marks questions.
5. Question numbers 6 - 15 are three marks questions.
6. Question numbers 16 - 21 are five marks questions.
7. Question numbers 22 - 27 are two marks questions.

#### SECTION - A

1. Name the two poles of a magnet.
2. What is bone marrow?
3. When we breathe out on spectacles it becomes wet. Why?
4. What are insulators? Give two examples.
5. A student, while making a circuit to make bulb glow using a dry cell, connected the plastic covering of the wire to the cell, instead of the metal wire inside it. Will current in the circuit work? Why?
6. List few common characteristics of living things.
7. How is compass used to find direction?
8. How will you separate sand and water from their mixture?
9. Differentiate between tap root and fibrous root. Give examples.
10. How can a magnet be demagnetized?
11. A drawing sheet changes when you draw pictures on it. Can you reverse this change?
12. Is a small mango plant a herb? Give reason.
13. Air is dissolved in water. Justify the statement with a suitable activity.

14. Rohan and Rahul were playing in the ground. Suddenly Rohan fell down. Rahul came to his rescue. He took him to the hospital and in no time, medical attention was provided. Doctor examined Rohan and diagnosed a fracture on his left shoulder. How the doctor could identify the fracture? What helped him to do so? What are the values shown by Rohan?
15. Classify the following changes into reversible and irreversible.
- a) The cooking of food.
  - b) Dissolving sugar in water.
  - c) Bursting of balloon.
16. What is sieving? Where is it used?
17. Fish have streamlined body and camels have long legs. How do these features help them to live in their habitats?
18. a) What are conductors? Give examples.  
b) What is the purpose of using an electric switch? Name some electric gadgets that have built in switches on them.
19. You are given an iron strip. How will you make it into a magnet?
20. What would have been the consequences if water was not recycled in nature by the water cycle? Suggest four ways by which we can conserve water.
21. a) What are joints?  
b) Name the different kinds of movable joints.  
c) Explain the structure of ball and socket joints.

## **SECTION - B**

22. A freely suspended bar magnet always rest in north-south direction. Why?
23. Write an activity to show that food is prepared in leaves.
24. Is an empty bottle really empty? Give reason.
25. Abiotic factors are important for the growth of plants. Briefly explain it with an example.
26. Give the symbols of
- a) battery.
  - b) bulb.
  - c) switch (off).
27. When you add water on a lump of soil you can see bubbles coming out from it. Why?