

AMRITA VIDYALAYAM

HALF YEARLY EXAMINATION 2018 - '19

Class : VI

Marks : 80

Time : 2½ hrs

SCIENCE

GENERAL INSTRUCTIONS :

- 1. All questions are compulsory.*
- 2. This question paper consists of Section A and B.*
- 3. Question numbers 1 and 2 carry 1 mark each.*
- 4. Question numbers 3-5 carry 2 marks each.*
- 5. Question numbers 6-15 carry 3 marks each.*
- 6. Question numbers 16-21 carry 5 marks each.*
- 7. Question numbers 22-27 are practical based questions and carry 2 marks each.*

SECTION - A

1. Name two substances that float on water.
2. Which type of objects allow light to pass through them?
3. a) Cotton and jute are called natural fibers. Why?
b) Give two examples of synthetic fibres.
4. Shyam went for his friend's birthday party. There he was given the choice of eating in a plastic plate or a banana leaf platter. He selected the banana leaf platter. What value does he show here?
5. The height of a person is 1.65m. Express it in
a) centimeter. b) millimeter.
6. What is the difference between transparent and opaque materials? Give two examples.
7. Explain the difference among herbivores, carnivores and omnivores.
8. Write the type of motion executed by the following.
a) Pendulum of a clock

- b) March-past of soldiers in a parade
 - c) Motion of blades of an electric fan
9. How are the vitamins and minerals important for our body?
10. Which climate and soil are required to cultivate cotton? Write any two uses of cotton.
11. How is shadow formed? What do we need in order to see a shadow? How does the colour of an opaque object affect the colour of the shadow?
12. Why should you drink 6 to 8 glasses of water every day even when water does not provide any energy?
13. a) Name and explain the process of making yarn from fibres.
b) What value was given by Mahatma Gandhi by using charkha?
14. Describe the steps to measure the length of curved line using a thread.
15. Will you remain healthy if you drink only milk? Why?
16. a) What are the two sources from where we get the ingredients used in food?
b) Name any two food items and the ingredients used to prepare them.
17. a) Write any three similarities between iron and copper.
b) Name three things which are made of leather.
18. a) What are the two types of translatory motion? Explain them.
b) When you spin a top, it spins and may also move around. What kind of motion does such a top have?
19. a) What is a balanced diet?
b) What are deficiency diseases? Name four deficiency diseases and the associated nutrients.
20. Why do we need the grouping of materials? Which are the properties we use to group them?
21. a) Why can pace or footstep not be used as a standard unit of length?
b) What are the precautions that we should follow while taking a measurement of length using a scale?

SECTION - B

22. Write the suitable units for the following measurements.
- a) thickness of a coin
 - b) width of a desk
 - c) distance between two places
 - d) length of your room
23. Name two items that are made from coconut fibre.
24. How will you test for starch in a food sample?
25. List the following substances as soluble and insoluble in water.
salt, sand, chalk powder, sugar
26. Classify the following as luminous and non-luminous objects.
a lighted torch, chair, stars, sheet of card board
27. Write down the type of food eaten by the following animals.
- a) lion
 - b) spider
 - c) cow
 - d) butterfly