

A. Multiple choice questions:

5x 1= 5

- Rickets is caused by deficiency of
a) Vitamin A b) Vitamin C c) Vitamin D d) Vitamin B1
- The materials through which things cannot be seen are called
a) translucent material b) soft materials c) opaque materials d) transparent materials
- Maximum of iron fillings stick in the _____ of a bar magnet when it is brought near them.
a) poles b) middle c) neither poles nor middle d) all around equally
- _____ absorb water and minerals from the soil.
a) stem b) leaves c) roots d) flowers
- The flat green part of the leaf is
a) petiole b) lamina c) midrib d) vein

B. Fill in the blanks:

5x 1= 5

- _____ is an example of transparent materials.
- Deficiency of a vitamin C causes a disease known as _____
- Like poles of the magnets _____ each other.
- The process of loss of water by a plant through leaves is called _____.
- Joints of the bones help in the _____ of the body.

C. Write the answer in a word or a sentence:

5x 1= 5

- Name the part of the plant which produces food.
- Name four objects which can be made from wood.
- Name the joint found in neck.
- To which part of the magnet do the most of the iron fillings stick?
- Dietary fibres are also known as

D. The question below consists of an assertion and reason . Use the following key to choose the appropriate answer for each assertion reason type question:-

2x 1= 2

- Both **A** and **R** are true and **R** is the correct explanation of **A**.
- Both **A** and **R** are true but **R** is not the correct explanation of **A**.
- A** is true but **R** is false.
- A** is false but **R** is true.

16. **Assertion (A)** : Snails move with the help of muscular foot.

Reason (R) : The outer skeleton of a snail is called the shell.

17. **Assertion (A)** : The roots absorb mineral and water from the soil.

Reason (R) : The stem bears leaves, flowers and fruits.

E. Answer the following short questions : (ANY FIVE)

5x 2= 10

18. What is obesity?

19. What helps cockroach to move?

20. Write some properties of materials.

21. Write two methods by which a magnet can be demagnetized.

22. Define: Climbers

23. Why can our elbow not move backwards?

F. Answer the following questions : (ANY SIX)

6x 3= 18

24. Explain the importance of joints.

25. What are the functions of a stem in a plant?

26. List some of the items that float on water and check they will float on an oil or kerosene.

27. What are deficiency diseases?

28. It was observed that a pencil sharpener gets attracted by both the poles of a magnet although its body is made of plastic. Name a material that might have been used to make some part of it.

29. Draw diagrams of artificial magnet of different shapes and write their names.

30. Define: a) Herbs b) Transpiration

G. Answer the following questions : (ANY THREE)

3x 5= 15

31. What is the importance of skeletal structure? Explain.

32. What are the roles of major nutrients.

33. What is a ball and socket joint? explain with diagram.

34. How is compass used to find direction.
