

**SECTION –A**

1x 30 = 30

**Fill in the blanks:**

1. Roots absorb \_\_\_\_\_ and mineral from the soil.
2. \_\_\_\_\_ is a example of translucent substances.
3. Nails and hair are made up of \_\_\_\_\_.
4. \_\_\_\_\_ is a example of transparent materials.
5. Snails move with the help of a \_\_\_\_\_.
6. Deficiency of Vitamin C causes a disease known as \_\_\_\_\_ .
7. \_\_\_\_\_ is caused by deficiency of iodine.
8. Similar poles of two magnets \_\_\_\_\_ one another.
9. Lowermost and swollen part of pistil is called \_\_\_\_\_.
10. \_\_\_\_\_ is the example of soft materials.
11. Night blindness is caused due to deficiency of \_\_\_\_\_ in our body.
12. Freely suspended bar magnet always aligns in \_\_\_\_\_ directions.
13. Foods containing \_\_\_\_\_ are called body building foods.

**Choose the correct options:**

14. The substances or materials through which things cannot be seen are called \_\_\_\_\_ materials .  
a) transparent                      b) translucent                      c) opaque
15. Cockroach has \_\_\_\_\_ pair of wings.  
a) 3                                      b) 2                                      c) 1
16. Which of the following is magnetic material?  
a) iron                                  b) rubber                                  c) plastic
17. Which of the following is not soluble in water

a) sugar      b) salt      c) chalk powder

18. Upper jaw is the example of \_\_\_\_\_ joint.

a) hinge      b) fixed      c) pivotal

19. Foods containing proteins are often called \_\_\_\_\_

a) energy giving food      b) protective food      c) body building food

20. Leaves give out water vapour through the process of

a) evaporation      b) transpiration      c) condensation

21. How many poles does each magnet have?

a) 1      b) 2      c) 3

22. Component of food that protect us from diseases is

a) vitamins      b) carbohydrates      c) fat

23. The part of the leaf by which it is attached to the stem is called\_\_\_\_\_.

a) petiole      b) lamina      c) midrib

24. Which of the following type of plant has hard but not very thick stem?

a) Tree      b) Shrub      c) Herb

25. \_\_\_\_\_ joint present in the elbow and knee.

a) pivotal      b) hinge      c) fixed

**Write the answer in words or in sentence:**

26. Which are the nutrients that provide energy to our body?

27. Any two sources of protein.

28. Define: Shrubs

29. Which part of the flower you are likely to find the ovary?

30. Define : Climbers

31. Where are poles of a bar magnet located?

32. Name one organism in which outer skeleton is present.

33. Write the names of the parts of a flower.

34. A disease caused by deficiency of Vitamin B1.

35. Write two examples for transparent material

**SECTION –B**

5x 2 = 10

**Answer the following questions:**

1. Define: Magnetic materials
2. Name the part of the plant which produces its food . Name this process.
3. Name the major nutrients in our food.
4. What are roughage? What is its main function?
5. Write the functions of water in our body.

**SECTION –C**

3x 5 = 15

**Answer the following questions: ( ANY FIVE)**

1. Why is a tumbler not made with a piece of cloth?
2. What are the functions of proteins?
3. Explain the importance of skeletal system.
4. Is it possible for you to find out whether a plant has tap root or fibrous roots by looking at the impression of its leaf on a sheet of paper?
5. Draw the neat diagram of leaf and label its parts.
6. Define: a) Opaque substances b) Insoluble substances

**SECTION –D**

4x 5 = 20

**Answer the following long questions: ( ANY FOUR)**

1. What are the roles of major nutrients? Explain
  2. Define: a) Translucent substances b) Soluble substances
  3. What is ball and socket joint? Explain with example.
  4. Draw the neat diagram of a flower and label its parts.
  5. What is leaf venation? Explain the types of venation
-