
STD: VI
Total Marks: 90

(SET-A)

** Read the questions carefully and answer.

** All questions are compulsory. Total no. of questions: 48

SECTION - A

Questions 1 to 25 carries 1 mark each.

I. CHOOSE THE CORRECT ANSWER: \((1 \times 15 = 15 \text{ M})\)

1. Which nutrient helps in protecting our body against diseases?
   a. Fats
   b. Proteins
   c. Carbohydrates
   d. Vitamins

2. To test the presence of starch, 2-3 drops of ______ solution is added in the given food.
   a. Caustic Soda
   b. Copper Sulphate
   c. Iodine
   d. Water

3. Who were called as the friend of farmer?
   a. Birds
   b. Earthworms
   c. Cockroaches
   d. Fishes

4. A freely suspended magnet always points towards:
   a. East-West
   b. North-South
   c. North-East
   d. North-West

5. Lack of rains for long periods may cause:
   a. Floods
   b. Drought
   c. Precipitation
   d. Cyclones
6. Anaemia occurs due to the deficiency of:
   a. Calcium
   c. Phosphorous
   b. Iron
   d. Iodine

7. Which vitamin is required for maintaining good eye-sight:
   a. Vitamin A
   c. Vitamin C
   b. Vitamin B
   d. Vitamin D

8. The joint that allows movement in all direction is:
   a. Pivotal Joint
   c. Ball and Socket Joint
   b. Hinge Joint
   d. Fixed Joint

9. The number of bones in our body are:
   a. 200
   c. 206
   b. 204
   d. 208

10. What is the name for U shaped magnet?
    a. Bar Magnet
    c. Ball ended Magnet
    b. Cylindrical Magnet
    d. Horse-shoe Magnet

11. Steam raises from wet clothes on ironing due to ____________
    a. Condensation
    c. Transpiration
    b. Evaporation
    d. Precipitation

12. The mineral available in sea food is:
    a. Calcium
    c. Phosphorous
    b. Iron
    d. Iodine

13. ____________ are elastic tissues which work in pairs to move the bones
    a. Muscles
    c. Joints
    b. Cartilages
    d. Bones

14. The naturally occurring magnet is:
    a. Bar Magnet
    c. Magnetite
    b. U Shaped Magnet
    d. Ring Magnet

15. Cockroach has ____________ pair of legs.
    a. One
    c. Three
    b. Two
    d. Four
II. Rewrite the false statement correctly. (1 x 3 = 3 M)

16. The release of water vapour from plants is called evaporation.

17. Our skull is made up of movable joints.

18. Goitre is caused due to the deficiency of iron.

III. Name the following. (1 x 3 = 3 M)

19. The vitamin required for keeping our bones healthy.

20. The joints that allows movement only in one plane.


IV. Fill in the blanks. (1 x 4 = 4 M)

22. Most of the rain water becomes available to us as ________________.

23. ________________ property of a magnet was useful for sailors.

24. The muscle ________________ due to contraction.

25. Bones becomes soft and bent in ________________ diseases.

SECTION - B

Questions 26 to 35 carries 2 marks each.

V. ANSWER THE FOLLOWING (2 x 10 = 20 M)

26. What are nutrients? Name the major nutrients in our food.

27. What are deficiency diseases? How can we prevent all deficiency diseases?

28. Write the importance of water in our food.

29. Differentiate between bones and cartilages.

30. What is a magnetic compass? What is its use?

31. Earthworm is useful to plants. Why?
32. (a) What are joints?  
(b) Identify the given figures.

(a) ______________________ joint.  
(b) ______________________ joint.

33. Define  
(a) South pole  
(b) Magnetite

34. It is important that water should be used carefully. Give reason.

35. (a) Why ocean and sea water is not fit for drinking and other domestic needs?  
(b) Define snow.

SECTION - C

Questions 36 to 45 carries 3 marks each.

VI. ANSWER THE FOLLOWING (3 x 10 = 30 M)

36. What is the effect of cooking on nutrients?

37. What are the functions of skeletal system?

38. Describe the movement in cockroach.

39. Mention any three precautions to be taken while handling and storing magnets.

40. (a) What maintain the supply of water on land?  
(b) Draw a neat labelled diagram showing water cycle.

41. What are dietary fibres? How is it important to us? Name some sources of it.

42. Bodies of birds are suited for flying. Justify.

43. Write a short note on the construction of a compass.
44. How are clouds formed?
45. What are the damages caused by flood?

OR

45. What are the difficulties faced by the people living in drought areas?

SECTION - D

Questions 46 to 48 carries 5 marks each.

VII. ANSWER THE FOLLOWING (5 x 3 = 15 M)

46. (a) Define natural and artificial magnet with example. (2 M)
   (b) Explain two important properties of a magnet. (2 M)
   (c) What happens when similar poles of a magnet are brought close to each other. (1 M)

47. (a) Describe about the ribcage and backbone and its functions. (4 M)
   (b) Identify the bones (1 M)

![Diagram of bones]

(a) ____________________________ bone.  (b) ____________________________ bone.

48. (a) Write down the method and observation to show the presence of protein in the given food item. (3 M)
   (b) Mention any four symptoms / diseases due to the deficiency of proteins. (2 M)

OR

48. (a) Define balanced diet. (1 M)
   (b) What is obesity? (1 M)
   (c) Explain any two groups of food with examples. (3 M)

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