

SYLLABUS : COMPONENTS OF FOOD, NATURE OF MATTER/SORTING MATERIALS INTO GROUPS, CHANGES AROUND US.**GENERAL INSTRUCTIONS : Draw Diagrams with Pencils.**

- All questions are compulsory. **Maximum Marks are 60.**

SECTION – A : (0.5 × 10 = 5)**TRUE/FALSE**

1. There are three main nutrients present in food.
2. Deficiency diseases can be prevented by eating a Balanced diet.
3. Excess loss of water from the body causes constipation.
4. Oil dissolves in water.
5. All gases have definite shape
6. A stainless steel pan is opaque
7. A paper boat will sink in water
8. Crushing chalk is an irreversible change
9. A new substance is formed in a reversible change
10. Breaking of a glass is a chemical change.

SECTION – B : (1 × 10 = 10)**WRITE ONE WORD (ANY FIVE)**

11. A change where no new substance is formed.
12. A change that can be reversed.
13. Materials that allow some light to pass through them.
14. Materials that do not conduct electricity.
15. A condition caused by excess loss of water.
16. Disease caused due to deficiency of proteins.

WRITE TWO EXAMPLES OF EACH (ANY FIVE)

17. Plant sources of proteins
18. foods rich in fibre
19. Translucent materials.
20. Miscible change.
21. Irreversible change.
22. Physical change

SECTION – C : (2 × 10 = 20)

23. State one difference between living objects and non-living objects.
24. What happens when fruits and vegetables are first peeled and cut, and then washed?
25. What is night blindness? What causes night blindness?
26. Name the disease caused by the deficiency of
(a) Vitamin A (b) Vitamin K (c) Iron (d) Calcium
27. Find the odd – one out from the following:
(a) Chair, Bad, Table, Baby, Cupboard
(b) Rose, Jasmine, Boat, Marigold, Lotus

- (c) Aluminium, Iron, Copper, Silver, Sand
- (d) Sugar, Salt, Sand, Copper sulphate
- 28. Why is burning of paper an irreversible change?
- 29. Identify the changes that occur when the following happen.
 - (a) Making curd from milk
 - (b) Tearing of paper
 - (c) Bating an egg
 - (d) Melting of butter
- 30. What is lustre? Give two examples of materials that possess lustre.
- 31. What are magnetic materials? Give two examples of metals that are magnetic.
- 32. Name two gases that are soluble in water.

SECTION – D : (3 × 5 = 15) (ANY FIVE)

- 33. How are rough materials different from smooth materials? Give two examples of each.
- 34. How are different materials grouped depending on transparency?
- 35. Explain why tearing of paper is a physical change whereas burning of paper is a chemical change.
- 36. Name three physical states of water. How can you interchange them?
- 37. Discuss the importance of water in our body.
- 38. Discuss the functions of any three minerals and what happens in case we eat food deficient in them for a long time?

SECTION – E : (5 × 2 = 10) ANY TWO

- 39. Name the different kinds of vitamins with their sources, functions and deficiency diseases.
- 40. Write three different applications of expansion and contraction of materials.
- 41. Give three characteristics each of a solid, liquid and gas.