

Time allowed: **3 hours**; Maximum marks: **90**

General Instructions:

- a) All Questions are compulsory
- b) The Question Paper consists of 42 Questions divided in to four sections A, B, C and D
- c) Section- A comprises of 15 questions of one mark each
- d) Section- B comprises of 11 questions of two mark each
- e) Section- C comprises of 11 questions of three mark each
- f) Section- D comprises of 5 questions of Four mark each

Section – A

1. Excess intake of fatty food causes:
 - a. Anemia
 - b. Obesity
 - c. Weakness
 - d. Loss of weight
2. Which of the following food turns blue-black with iodine solution?
 - a. Sugar
 - b. Onion
 - c. Potato
 - d. Groundnuts
3. Silk worms are reared on
 - a. Melon Plant
 - b. Mango plant
 - c. Money plant
 - d. Mulberry plant
4. Choose the man-made material
 - a. Glass
 - b. Fruits
 - c. Wood
 - d. Cereals
5. Which of the following has a tap root?
 - a. Maize
 - b. Neem
 - c. Wheat
 - d. Sugarcane

6. Which of the following is a standard unit of measurement?
- Yard
 - Metre
 - Hand span
 - Foot length
7. An example of a translucent object
- Glass
 - Wood
 - Paper
 - Frosted Glass
8. Identify the universal solvent
- Oil
 - Water
 - Alcohol
 - Glycerin
9. Which among the following is not a climber?
- Pea
 - Mint
 - Money plant
 - Bougainvillea
10. String of a guitar shows:
- Random motion
 - Vibratory motion
 - Curvilinear motion
 - Non-periodic motion
11. Match the following: (1 mark each) -
- | | | |
|-----------------------|-----|---------------|
| i. Producer | --- | Goiter |
| ii. Iodine | --- | Greased paper |
| iii. Patsan | --- | Camphor |
| iv. Combustible solid | --- | Jute |
| v. Translucent object | --- | Plant |

Section – B

12. What are legumes? Give two examples.
13. Discuss any two animal products as sources of food.
14. What are milch animals?
15. Why mid-day meal scheme has been launched by India?
16. List any two types of clothes and the fiber from which they are made from.
17. Which vitamin is called 'sunshine vitamin'?
18. Why do desert plants have relatively longer roots?
19. List any four modes of transport used by people in ancient times.
20. Give difference between periodic and non-periodic motion.
21. Differentiate between luminous and nonluminous objects.
22. Show the distribution of water on earth with the help of a pie chart.

Section – C

23. Why milk is considered as a nutritious food? Name any two milk products.
24. List any three functions of proteins in our body.
25. How can we increase the solubility of a substance?
26. What is silk cotton? Where do we get it from?
27. Differentiate between living and nonliving things.
28. List any three important functions of roots in a plant.
29. Draw a well labeled diagram of a leaf.
30. How did people in ancient time use to measure length? Name any two units of that time.
31. How is an image different from a shadow?
32. Explain how clouds are formed.
33. What is the difference between transparent and opaque material?

Section - D

34. Define carnivores. List three special characteristics of carnivores.
35. Explain how cotton fiber is obtained.
36. List any five ways by which we can conserve water.
37. Draw a well labeled diagram of a flower and describe different parts of it.
38. Explain photosynthesis with the help of a well labeled diagram.