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**DAV PUBLIC SCHOOLS, ODISHA**  
**ANNUAL EXAMINATION (2025 – 26)**

- Please check that this question paper contains 2 printed pages.
- Please check that this question paper contains 34 questions.
- Please write down your Name and Roll number on this sheet before attempting it.

**TIME – 2 HOURS**

**SUBJECT – SCIENCE**  
**CLASS – IV**

**F.M. – 50**

**General Instructions:**

1. All questions are compulsory.
2. The question paper consists of 34 questions divided into 3 sections A, B and C.
3. Section A comprises of 24 questions of 1 mark each [ 5 MCQs ,5 fill in the blanks, , 5 one word answers , 4 give examples of two and 5 one sentence answers]. Section B comprises of 5 questions 2 marks each. Section C comprises of 3 questions 3 marks each and one 4 marks question.
4. There is no overall choice in the question paper. However, internal choices have been provided in some questions. A student has to attempt only one of the alternatives in such questions.

**SECTION –A**

**I. Tick (✓) the correct option.**

**(1X5)**

1. An insect, that helps to save our crops from pests, is the -  
(a) termite                      (b) lady bird beetle      (c) grasshopper              (d) housefly
2. The mineral required for the formation of haemoglobin in our blood -  
(a) calcium                      (b) sodium                      (c) iron                              (d) phosphorus
3. Planting of more trees will help in \_  
(a) reducing the ground water level      (b) setting-up more factories  
(c) deforestation                              (d) increasing the rainfall
4. Our body requires and uses water for-  
(a) breathing                                      (b) preparation of food  
(c) digestion of food                              (d) transpiration
5. Oil spills in the sea are harmful because they -  
(a) cut off the supply of oxygen for aquatic animals      (b) infect the aquatic plants  
(c) increase the growth of micro-organisms in water      (d) decrease the level of water in sea

**II. Fill in the blanks with correct answers.**

**(1X5)**

6. Dengue is spread by the bite of \_\_\_\_\_ mosquito.
7. We can get \_\_\_\_\_ from iodised salt.
8. Use of water sprinkler for irrigation reduces the \_\_\_\_\_ of water.
9. Water, which is fit for drinking, is called \_\_\_\_\_.
10. Agricultural and \_\_\_\_\_ wastes increase the growth of micro-organisms in water.

**III. Write your answer in one word.**

**(1X5)**

11. Which disease is caused by infection of the liver?
12. Which nutrient is required more for a person doing more physical work?
13. What is the effect of deforestation on rainfall?
14. Which method of purification of water removes suspended particles from unclean water?
15. Which is the purest form of water?

**IV. Give examples of two each.**

**(1X4)**

16. Sources of fresh water : \_\_\_\_\_, \_\_\_\_\_
17. Sources of vitamin D : \_\_\_\_\_, \_\_\_\_\_
18. Disease caused by drinking unclean water: \_\_\_\_\_, \_\_\_\_\_
19. Stinging insects : \_\_\_\_\_, \_\_\_\_\_

**V. Write your answer in one sentence.**

**(1X5)**

20. Define the term pollination.
21. What do you mean by nutrients?
22. How dams are useful for us?
23. What do you mean by pesticides?
24. Name any one human activity which can cause water pollution.

**SECTION-B**

**VI. Answer the following questions briefly.**

**(2X5)**

25. Proteins play a vital role for our body. Give Reason.
26. Roughage is an essential part of our food. Give Reason

**OR**

Vitamins and minerals are called 'protective food'. Why?

27. Identify the insect. What does it feed on and which material we get from the insect?



28. How do houseflies spread diseases?
29. Write any two ways to do rain-water harvesting.

**SECTION - C**

**VII. Answer the following questions.**

30. Draw a neat and labelled diagram of "traditional Filter". **(4)**
31. Disha's sister makes beautiful bangles. She uses a special substance to coat the bangles which comes from a tiny useful insect living in trees.
  - (a) Name and define the substance that is used to make bangles by Disha's sister. **(2)**
  - (b) Write any one use of it besides making bangles. **(1)**

**OR**

How is honey collected from a beehive?

**(3)**

32. Drinking water is important for us. Write any three ways of safe handling of drinking water. **(3)**
33. We should take steps to prevent water pollution. Justify. **(3)**
34. **Value Based Questions:** **(3)**

Kavya and Aryan went to a party. The menu included vegetable dishes, dal, sprouts, chappatis and paneer. But Aryan was expecting pizza, burger and cold drinks and he was sad and not eat anything there. But Kavya suggested her friend not to eat such type of food and made her friend understand the importance of a balanced diet.

- (a) Was Aryan right in not eating anything at the party?
- (b) What were the healthy food items?
- (c) Define balanced diet.