

TIME- 2 HOURS

**General Instructions:**

- This question paper contains three sections and 9 questions.
- Section 'A' contains 1 mark questions.
- Section 'B' contains 2 mark questions.
- Section 'C' contains 3 mark questions and 4 mark questions.
- Attempt all the questions.
- Read the questions thoroughly.
- Write in legible handwriting.
- Verify the answers before submission of answer sheet.
- Marks are indicated in right side.

**SECTION -A**

(5×1=5)

1. Choose the most appropriate answer.

i) It is not responsible for shortage of water.

a) Growth of industries

b) Heavy rainfall

c) Deforestation

d) Misuse of water resources

ii) Bubonic plague is spread by-

a) Mosquito

b) Honeybee

c) Flea

d) None of these

iii) Which of the followings is not considered as a nutrient?

a) Carbohydrate

b) Roughage

c) Fat

d) Mineral

iv) It can prevent water pollution.

a) Increased use of pesticides

b) Use of mug and bucket to bath

c) Reducing the use of chemical fertilisers

d) Setting up of factories

v) Drinking water can be stored in -

a) Cupper container

b) Earthen pot

c) Plastic bottle

d) All of these

2. Fill in the blanks with appropriate answers.

(5×1=5)

i) Irrigation of polluted water reduces the \_\_\_\_\_ of soil.

ii) Vitamin \_\_\_\_\_ is required for proper functioning of nerves.

iii) With the increase in population the amount of water available for each person is \_\_\_\_\_

iv) \_\_\_\_\_ can be put in room coolers to avoid the breeding of mosquitoes.

v) A spider has \_\_\_\_\_ pairs of legs.

**D.A.V. PUBLIC SCHOOLS, BHUBANESWAR**  
**TERM – II EXAMINATION (2019-2020)**

**CLASS- IV**  
**SUBJECT- SCIENCE**

**TIME- 2 HOURS**

**MAXIMUM MARKS - 50**

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**SECTION –A**

**1. Choose the most appropriate answer.**

**(5×1=5)**

- i) It is not responsible for shortage of water.
- a) Growth of industries                      b) Heavy rainfall  
c) Deforestation                              d) Misuse of water resources
- ii) Bubonic plague is spread by-
- a) Mosquito              b) Honeybee              c) Flea                      d) None of these
- iii) Which of the followings is not considered as a nutrient?
- a) Carbohydrate      b) Roughage              c) Fat                      d) Mineral
- iv) It can prevent water pollution.
- a) Increased use of pesticides              b) Use of mug and bucket to bath  
c) Reducing the use of chemical fertilisers      d) Setting up of factories
- v) Drinking water can be stored in -
- a) Cupper container      b) Earthen pot              c) Plastic bottle              d) All of these

**2. Fill in the blanks with appropriate answers.**

**(5×1=5)**

- i) Irrigation of polluted water reduces the \_\_\_\_\_ of soil.
- ii) Vitamin \_\_\_\_\_ is required for proper functioning of nerves.
- iii) With the increase in population the amount of water available for each person is \_\_\_\_\_
- iv) \_\_\_\_\_ can be put in room coolers to avoid the breeding of mosquitoes.
- v) A spider has \_\_\_\_\_ pairs of legs.

**3. Express in one or two words.**

(5×1=5)

- i) The type of bees who are maximum in number in a beehive.
- ii) The nutrient which helps us to grow.
- iii) Standing or still water.
- iv) The mineral required for formation of haemoglobin.
- v) Proper utilisation of water and avoiding its wastage.

**4. Name two of each.**

(5×1=5)

- i) Sources of iodine.
- ii) Materials used in traditional filter.
- iii) Sources of fresh water.
- iv) Insects that help in pollination.
- v) Substances that make rainwater impure.

**5. Answer the following questions.**

(4×1=4)

- i) Why should water be boiled after traditional filtration?
- ii) How is sunlight useful for our body?
- iii) How is lady bird beetle useful for plants?
- iv) State the factors that affect the food needs of people.

**SECTION -B**

**6. Give reasons for the followings.**

(2×2=4)

- i) Oil spills are harmful for marine life.
- ii) We should never eat uncovered food.

**7. Answer the following questions.**

(3×2=6)

- i) Explain the process of formation of cocoon.
- ii) Write the functions of vitamin-c in our body.
- iii) How should the fields be irrigated to reduce the wastage of water?

**SECTION -C**

**8. Answer the following questions.**

(4×3=12)

- i) What is chlorination? How does it purify water?
- ii) How do mosquitoes spread diseases?
- iii) Why is water essential for proper functioning of our body?
- iv) Rohit went to his mother's village during his summer vacation.

There was a river flowing across the village. Rohit noticed some people bathing their cattle in the river. Rohit immediately went near them and explained about the harmful effects of water pollution.

- a) State any two values displayed by Rohit.
- b) Describe any two methods to reduce water pollution.

**9. Draw the labelled diagram of rain water harvesting.**

(4)