

DAV PUBLIC SCHOOLS, BHUBANESWAR
TERM- II EXAMINATION (2018-19)

CLASS- IV
SUBJECT - SCIENCE

Time: 2 Hours

Full Marks - 50

General Instructions

- Read the questions thoroughly.
- Attempt all the questions.
- Write in legible handwriting.
- This question paper contains 9 questions.
- Section A has 1 mark questions.
- Section B has 2 mark questions.
- Section C has 3 and 4 mark questions.
- All questions are compulsory.
- Verify the answers before the submission of answer sheet.

SECTION- A

1. Choose the most appropriate answer.

[5x1=5]

- a. Lac insects grow on the _____ plants.
- (i) banana (ii) mulberry
(iii) banyan (iv) maize
- b. One gram of carbohydrate gives about _____ kilocalories of energy.
- (i) 12 (ii) 4
(iii) 16 (iv) 9
- c. Vitamin required for good eye-sight is
- (i) Vitamin A (ii) Vitamin B
(iii) Vitamin C (iv) Vitamin E
- d. Wastes produced in homes are known as _____
- (i) agricultural wastes (ii) domestic wastes
(iii) industrial wastes (iv) animal wastes
- e. Some causes of water pollution are
- (i) bathing animals in the river. (ii) washing of clothes in the river
(iii) both (i) and (ii) (iv) use of natural manures for crops.

2. Fill in the blanks.

[5x1=5]

- a. A sweet liquid produced by flowers is called as _____.
- b. The water which is clean and fit for drinking is known as _____ water.
- c. The silk moth weaves a cover around itself is known as _____.
- d. Boiling kills the _____ present in water.
- e. The process of making water impure is known as _____ of water.

3. Express in one word.

[4x1=4]

- Transfer of pollen grains from one flower to another flower-
- The substances, present in our food, which are needed by our body to grow and to stay healthy-
- Chemicals used to save the crops from birds, rats and insects-
- Blood sucking wingless insects-

4. Name two of each.

[4x1=4]

- Stinging insects
- Minerals required for healthy bones and teeth
- Diseases spread by mosquito bite
- Natural sources of water

5. Change the underlined word and rewrite the sentences correctly.

[4x1=4]

- Lady bird beetle is a harmful insect.
- Our body makes Vitamin K in presence of sunlight.
- The earth is known as red planet.
- Mosquitoes may breed on flowing water.

SECTION-B

6. Give reasons for the following.

[2x2=4]

- Roughage is a very important part of our diet.
- The amount of water available for our survival is limited.

7. Answer the following questions.

[4x2=8]

- How does polluted water affect the aquatic animals? (two points)
- Mention two natural ways to get rid of harmful insects.
- Why is protein known as body building food?
- Write any two ways of safe handling of drinking water.

SECTION-C

8. Answer the following questions.

[4x3=12]

- Define balanced diet. Why should we eat balanced diet?
- Suggest any three ways to avoid wastage of water in our daily life.
- (i) Why is the traditional method of filtration not completely sufficient for making water fit for drinking?
(ii) Name two diseases caused by drinking unclean water.
- (i) What are social insects?
Give two examples of social insects.
(ii) Write two values that we learn from social insects.

9. Draw a well labeled diagram of 'Rain water harvesting'

[1x4=4]