

D.A.V. PUBLIC SCHOOLS, BHUBANESWAR
TERM- II EXAMINATION (2018-19)
CLASS-V
SUBJECT – SCIENCE

TIME :2 Hours

Maximum Marks : 50

[General Instructions]

- ❖ This question paper contains three sections with 09 questions.
- ❖ Section 'A' contains 1 mark questions, section-'B' contains 2 marks questions, section-'C' contains 3 marks and 4 marks questions.
- ❖ Attempt all the questions.
- ❖ Read the questions thoroughly.
- ❖ Write in legible handwriting.
- ❖ Verify the answers before submission of answer sheet.

Section- 'A'

1. Choose the most appropriate answer.

[1X5=5]

- a) The part of the lotus plant which is often eaten as a vegetable is.
i) Root ii) Stem iii) Leaf iv) Flower
- b) The gas which is dissolved in water and used by the aquatic animals for breathing.
i) Oxygen Gas iii) Nitrogen Gas
ii) Carbon dioxide gas iv) Methane gas
- c) An air pollutant which exists in gaseous form, is
i) Smoke ii) Dust iii) Germs iv) Ozone
- d) India launched its first artificial satellites, named Aryabhata in the year.
i) 1973 ii) 1974 iii) 1975 iv) 1976
- e) The planet that can be seen in the night sky even with the unaided eye.
i) Mars ii) Jupiter iii) Saturn iv) All of these

2. Fill in the blanks.

[1X5=5]

- a) Ground water can be drawn out and used for irrigation with the help of a _____.
- b) The process which is similar to evaporation is known as _____.
- c) The amount of water vapour present in air determines the _____ of air.
- d) The planet _____ was the first planet discovered by using a telescope.
- e) A _____ is a group of stars that appear to form some recognizable pattern or shape in the sky.

3. Answer in one sentence.

[1X5=5]

- a) Define a step well.
- b) Name the largest water bodies on the surface of earth.
- c) Define solar system.

- d) Identify the star which is approximately aligned with earth's axis of rotation.
- e) Name the morning and evening stars in the sky.
4. **Express in one word.** [1X4=4]
- a) The mixture formed when a substance dissolves completely in any medium.
- b) The waste matter of animals and plants.
- c) The phenomenon which helps the earth to maintain its surface temperature.
- d) A self luminous celestial body consisting of very hot gases.

Section- 'B'

5. **Answer the following questions.** [2X3=6]
- a) What are amphibious animals? Give two examples of amphibious animals.
- b) What do you understand by the terms 'evaporation' and 'condensation'?
- c) Differentiate between renewable and non- renewable sources of energy with one example from each.
6. **Give reasons.** [2X2=4]
- a) CNG is a better 'green fuel' in compared to petrol, diesel or coal.
- b) The same star appears to rise four minutes earlier every day.

Section- 'C'

7. **Answer following questions.** [3X3=9]
- a) Explain with an activity that shows change of water vapour into liquid water.
- b) List any three causes of air pollution.
- c) Mona is a social worker. She goes to village and educates people about healthy living. She found that women in villages are using wood and cowdung cakes for cooking. Mona informed them about Government's scheme and told them to use cleaner fuels.
- i) State the values shown by Mona.
- ii) List any two cleaner domestic fuels that you think Mona has suggested to the villagers.
- iii) What are the disadvantages of wood and cowdung cakes as fuel?
8. **Answer following questions.** [4X2=8]
- a) Describe the role of nitrogen for the plants.
- b) i) The earth is sometimes referred to as the blue planet. Justify the statement.
- ii) State the conditions necessary for existence of life on a planet.
9. **Draw a neat and labeled diagram of phases of moon.** [4X1=4]

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