

DAV PUBLIC SCHOOL, ODISHA ZONE
ANNUAL EXAMINATION (2025-26)

General Instructions:

1. This question paper consists of 15 questions in 4 sections.
2. All questions are compulsory.
3. **Section A** consists of 19 very short answer type questions carrying 1 mark each.
4. **Section B** consists of 5 Short Answer type I questions carrying 02 marks each.
5. **Section C** consists of 3 Short Answer type II questions carrying 03 marks each.
6. **Section D** consists of 3 Long Answer type questions carrying 04 marks each.

SUBJECT- SCIENCE
STD - V

TIME -2Hrs

FM- 50

SECTION A

(1x19)

1. Fill in the blanks

- a) Water wheel is also called _____.
- b) Wet clothes dry faster in the sun due to _____.
- c) The states of water can be changed by changing its _____.
- d) Petrol, diesel and kerosene are all obtained by refining _____.
- e) Full form of ATF _____.

2. Express in one word .

- a) The Sustainable Development Goal related to Importance of water.
- b) The process of increase of average temperature of the earth.
- c) The motion of planets around the sun.
- d) The layer of atmosphere which prevents harmful UV rays of sunlight from reaching the surface of the earth.

3. Answer in one sentence

- a) Define air pollutants.
- b) Name the second largest planet in the solar system.
- c) Why earth is called blue planet?
- d) Define pointers.
- e) Write the name of first Indian satellite.

4. Choose the correct option-
- a) The morning star appears in the eastern sky just before sunrise is
A. Mercury B. Jupiter C. Saturn D. Uranus
 - b) A student poured some liquids carefully in a beaker. Which liquid will be at the bottom of the beaker?
A. Oil B. Water C. Kerosene D. Carbon tetrachloride
 - c) The example of solid pollutant is
A. Ozone B. Carbon monoxide C. Dust D. Oxide of nitrogen
 - d) Gases which are soluble in water are
A. carbon dioxide and oxygen C. nitrogen and oxygen
B. carbon dioxide and nitrogen D. nitrogen and carbon monoxide
 - e) The amount of water present in seas and oceans is
A. 95% C. 97%
B. 90% D. 85%

SECTION B

- 5. Beside domestic use, state two other uses of water.
- 6. Write any two uses of artificial satellites.
- 7. A star in the northern hemisphere is useful for the travellers . Name the star and its importance.

OR

Why are stars not visible at day- time?

- 8. Why is nitrogen considered an essential nutrient for plants?(Any two points)
- 9. CNG is a better green fuel. Justify the statement.

OR

Draw a concept map of types of fuels according to their different forms. Give one example for each.

SECTION C

- 10. How are amphibious animals different from aquatic animals. Explain with one example each.

OR

Define ground water .Write any two ways to draw out ground water.

- 11. "Look, Dad!" Rahul whispered, pointing toward the shimmering night sky. "The stars look like they're playing connect-the-dots. Why do they stay in those shapes?" His father sat beside him, leaning back to look up. Think of them as the universe's way of showing us that unity creates meaning. Individually, those stars are trillions of miles apart, shining all on their own. "Rahul thought for a moment. "So, it's like my football team? We are all different players, but together we make a team?"



- a) What are group of stars collectively known as?
- b) Name one group of stars forming a pattern in winter.
- c) Why planets are known as wandering stars?

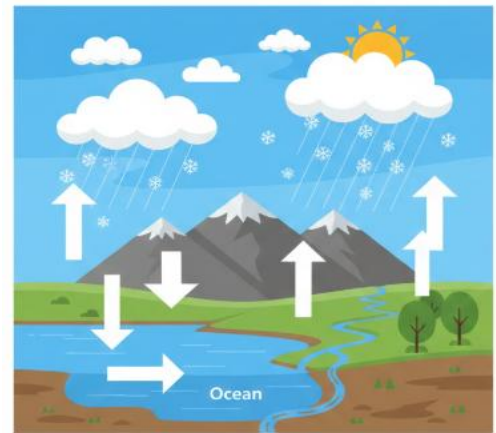
12. Earth is the only planet known to have air, water, and suitable temperature to support life. Because of these features, humans, animals, and plants can survive here .By keeping surroundings clean and saving resources, humans can protect Earth for future generations.

- a) Why Earth is special among all planets?
- b) What harmful actions can damage Earth?
- c) What values we should follow to protect our planet?

SECTION D

13.

- i. How does rain become impure?
- ii. Name the processes that are involved in water cycle?
- iii. How are clouds formed?



14. Draw a well labelled diagram of solar system.

15. Millions of years ago, Earth was covered with giant ferns, thick swamps, and vast oceans filled with tiny sea creatures. When these plants and animals died, they sank to the bottom of the swamps and oceans. Over a very long time, layers of sand, mud, and rock piled on top of them.

- I. Differentiate between renewable and non-renewable sources of energy. Give one example of each
- II. Name one of these fuels which is a combustible black sedimentary rock?
- III. Which form of the fuel is formed from dead sea- creatures?

