



**INDIAN SCHOOL SOHAR**  
**TERM –II EXAM (2023 – 24)**  
**SUBJECT: EVS**  
**CLASS- IV**  
**SET –B**

**Date of Exam: 03-03-2024**

**Time Allotted: 2 hours**

**Max. Marks: 40**

(Note: This question paper consists of 3 printed pages. Please check that you have all the pages.)

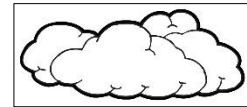
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**Q1. Choose the correct answer for the following questions: ( 1 × 5 = 5)**

i. The process of settling down heavier, insoluble impurities is called \_\_  
A. Filtration    B. Decantation    C. Chlorination    D. Sedimentation

ii. Identify the process shown in the given picture \_\_

A. Condensation    B. Evaporation  
C. Precipitation    D. Freezing



iii. A simple machine that is used to push or pull things to a certain height \_\_

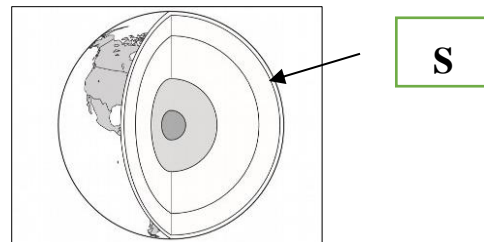
A. Wedge    B. Screw  
C. Pulley    D. Inclined plane

iv. Wood is different from water because it has \_\_\_\_\_

A. a definite shape    B. no definite shape  
C. no definite mass    D. no definite volume

v. In the diagram below, identify and label the part 'S' in the layers of the Earth

A. Crust    B. Inner core  
C. Mantle    D. Outer core



**Q2. There are two statements marked as Assertion (A) and Reason(R). (1 × 2 = 2)**

**Choose the correct answer from the options given and write the correct option for the following:**

- A) Both statements Assertion (A) and Reason (R) are true and Reason(R) is the correct explanation of Assertion(A).
- B) Both statements Assertion (A) and Reason (R) are true and Reason(R) is not the correct explanation of Assertion (A).
- C) Statement Assertion (A) is true and Reason (R) is false.
- D) Statement Assertion (A) is false and Reason (R) is true.

- i. **Assertion(A):** Simple machines like pair of scissors or knife are used in our daily life.  
**Reason(R):** Machine makes our work easier, faster and more convenient.
- ii. **Assertion(A):** The water evaporates faster on a sunny day.  
**Reason(R):** The rate of evaporation increases with stronger wind.

**Q3. Answer the following in one word:**

**(1/2 × 6= 3)**

- The planet that takes longest time to revolve around the Sun \_\_\_\_\_
- Tiny droplets of water found on surface of leaves, flowers and cars \_\_\_\_\_
- This planet is also called morning or evening star \_\_\_\_\_
- State of matter which has no definite volume and no definite shape \_\_\_\_\_
- Matter is made up of tiny particles known as \_\_\_\_\_
- The amount of water vapour present in air is called as \_\_\_\_\_

**Q4. Give two examples for each of the following:**

**(1 × 4 = 4)**

- Artificial Satellites
- Factors that affect rate of evaporation
- Types of condensation present in nature.
- Forms of energy

**Q5. Give reason for the following statements:**

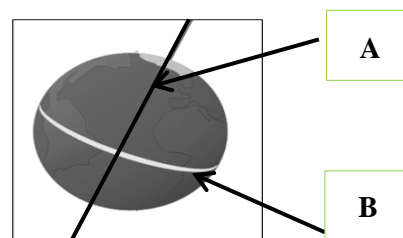
**(1 × 2 = 2)**

- Flights get delayed due to foggy weather.
- Rita read in newspaper that there is complete darkness at the poles during winter months and there is no formation of day.

**Q6. Answer the following questions in brief:**

**(2 × 6 = 12)**

- State one difference between land breeze and sea breeze.
- Mention any two uses of wind energy.
- Mention one difference between evaporation and condensation.
- Observe the picture carefully.
  - Label the parts 'A' and 'B'
  - Write the definition of 'A' and 'B'



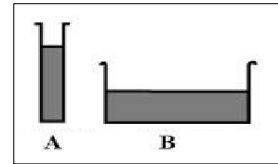
- How artificial satellites are useful to man? (two points)
- Explain what is solute and solvent in a solution and mention one example.

**Q7. i. Write two differences between solids, liquid and gases.**

**(3 × 1 = 3)**

- Draw a well labelled diagram showing the molecular arrangement in solids and gases.

- iii. Rahul kept water in two containers A and B, as shown in picture below. Identify the container in which the water will evaporate faster. Explain the reason.

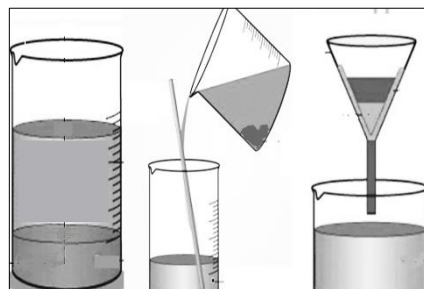


**Q8. Read the passage given below and answer the following questions: (3 × 1 = 3)**

The Earth basically has two types of motions. They are rotation and revolution. These two motions are responsible for different kinds of phenomena. The rotation of the Earth on its tilted axis divides it into a lit-up half and dark half, which gives rise to day and night. The Earth revolves from west to east i.e., in the anticlockwise direction. The one revolution of the Earth takes around one year i.e., 365.24 days. The revolution also causes formation of seasons.

- i. Write one difference between rotation and revolution.
- ii. Mention two factors that cause formation of seasons.
- iii. What would happen if the axis of the Earth was not tilted?

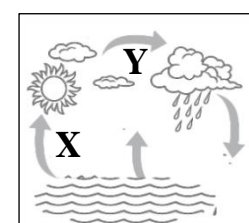
**Q9. Sara performed an experiment to purify muddy water. She decided to follow the methods to purify water as shown in the picture below. Though, she got clear water at the end of experiment but the water was still not fit for drinking. (3 × 1 = 3)**



- i. Which methods did Sara perform to purify muddy water?
- ii. Name the methods which she should use for the removal of germs.
- iii. Explain the conservation of water.

**Q10. Look at the picture carefully and answer the following questions: (3 × 1 = 3)**

- i. a. Identify the type of force applied and define it.  
b. Name the simple machine used by the man to lift the object.
- ii. a. Identify the process shown and define it.  
b. Identify the labels X and Y in the given diagram.



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