



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

Date of Exam: 03-03-2024

Time Allotted: 2 hours

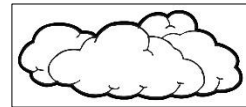
Max. Marks: 40

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

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

i. Identify the process shown in the given picture ____

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



ii. Name of the chemical added to water to kill the germs ____

- A. Iodine B. Chlorine C. Alcohol D. Hydrogen

iii. A simple machine that is used to attach things together ____

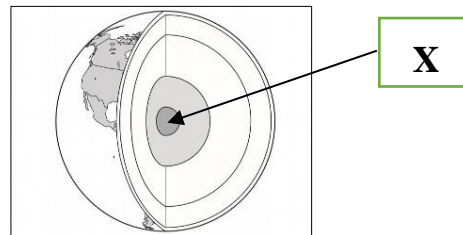
- A. Wedge B. Screw
C. Pulley D. Inclined plane

iv. Juice is different from piece of chalk because it has ____

- A. no definite shape. B. neither definite shape nor definite volume.
C. a definite volume. D. no definite volume.

v. In the diagram below, identify and label the part 'X' 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):** The rate of evaporation increases with rise in temperature.

Reason(R): The water evaporates slowly on a sunny day.

ii. **Assertion(A):** We need energy even when we are resting

Reason(R): Energy is the ability to do work.

Q3. Answer the following in one word:

(1/2 × 6 = 3)

- i. A natural satellite of the Earth _____
- ii. Tiny droplets of water found on surface of leaves, flowers and cars _____
- iii. This planet is also called morning or evening star _____
- iv. The amount of water vapour present in air is called as _____
- v. Matter is made up of tiny particles known as _____
- vi. State of matter which has definite volume but no definite shape _____

Q4. Give two examples for each of the following:

(1 × 4 = 4)

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

Q5. Give reason for the following statements:

(1 × 2 = 2)

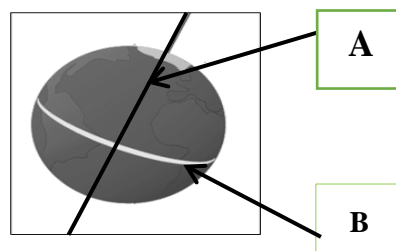
- i. Filtration is a better method of purification compared to decantation.
- ii. Rita read in the newspaper that there is complete darkness at the poles during winter months and there is no formation of day.

Q6. Answer the following questions in brief:

(2 × 6 = 12)

- i. How artificial satellites are useful to man? (two points)
- ii. Explain what is solute and solvent in a solution and mention one example.
- iii. State one difference between land breeze and sea breeze.
- iv. Mention any two uses of solar energy.
- v. Mention one difference between freezing and melting.
- vi. Observe the picture carefully.

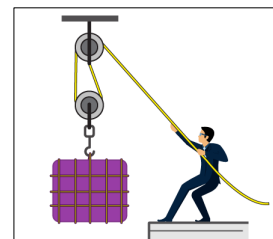
- a. Label the parts 'A' and 'B'
- b. Write the definition of 'A' and 'B'



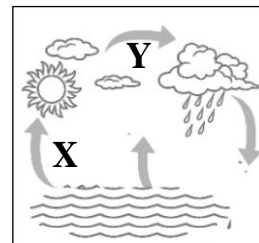
Q7. Look at the picture carefully and answer the following questions:

(3 × 1 = 3)

- i. a. Identify the type of force applied by the man 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

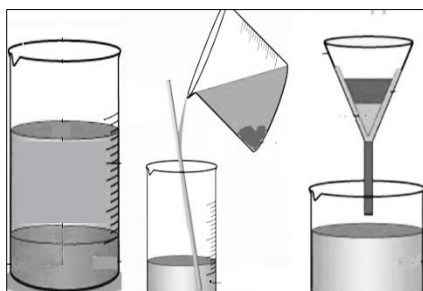


Q8. Read the passage given below and answer the following questions: (3 × 1 = 3)

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 causes 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. i. Write two differences between solid, liquid and gas. (3 × 1 = 3)

ii. Draw a well labelled diagram showing the molecular arrangement in solids and liquids.

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.

