



BURARI PUBLIC SCHOOL

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PERIODIC ASSIGNMENT -IV (2025-26)

CLASS: IV

SUBJECT- SCIENCE

Date ___/___/___

M.M.: 20

Name: Roll No..... T. sign.....

General Instructions:

- This question paper is divided into 3 sections – A, B and C
- All questions are compulsory.
- Handwriting must be neat and clean.

SECTION A

Q1. Tick the correct answer. (3 Marks)

1. Which of the following is a simple machine?

- (a) Book
- (b) Bottle
- (c) Screw
- (d) Ramp

2. Which of the following forms of energy is used to generate electricity?

- (a) Solar energy
- (b) Wind energy
- (c) Water energy
- (d) All of these

3. What causes change in seasons?

- (a) Rotation
- (b) Revolution
- (c) Rain
- (d) Wind

4. The process of changing gas into liquid is called

- (a) Filtration
- (b) Condensation
- (c) Vapourisation
- (d) Melting

5. In the questions given below, there are two statements marked as Assertion (A) and Reason (R). (1 mark)

Read the statements and choose the correct option.

a. If both Assertion (A) and Reason (R) are correct and Reason (R) is the correct explanation of Assertion (A).

- b. If both Assertion (A) and Reason (R) are correct but Reason (R) is NOT the correct explanation of Assertion (A).
- c. Assertion (A) is true, but Reason (R) is false.
- d. Assertion (A) is false, but Reason (R) is true.

1. Assertion (A): Morning and evening are cooler than the noon.

Reason (R): Sun rays are slanting in the morning and evening

Q2. Fill in the blanks

(3 Marks)

- 1. The process of _____ and _____ occur continuously in nature.
- 2. The level of underground water in an area is called the _____.
- 3. The ball falls back to the Earth due to _____.
- 4. _____ resists the motion of an object.
- 5. A _____ is a simple machine used to lift or move heavy weights.
- 6. The movement of water from land to sky and back to land again is called _____.

Q3. Name the following

(2 Marks)

- 1. A household use of water. _____
- 2. Any three form of energy _____

SECTION B

Q4. Draw a well label diagram of water cycle.

(3 Marks)

Q5. Answer the following questions.

(6 Marks)

- 1. What is precipitation?
- 2. Define the term “Humidity”?
- 3. What is force? Name different types of force.
- 4. What are simple machines?
- 5. What is energy? Name any two source of energy.
- 6. Differentiate between sedimentation and decantation.

SECTION C

Q6. Case study

(3 Marks)

Riya and her brother Aman were helping their mother clean the house on Sunday. Riya tried to push a heavy table but it did not move. Aman came and helped her by applying more force, and together they were able to shift the table. After cleaning, they switched on the ceiling fan to dry the wet floor. Riya noticed that the fan began to rotate when electric energy was supplied. Later, they went to the park where they saw children playing on a see-saw, riding bicycles, and flying kites. Riya observed that all these activities needed some kind of force and energy.

Answer the following questions

- 1. Why was Riya unable to move the table alone?
- 2. What force helps to fly a kite in the sky?
- 3. What is force? Give one example from case study.