



BURARI PUBLIC SCHOOL

...a venture with **UNIQUE**

PERIODIC ASSIGNMENT -IV (2025-26)

CLASS: V

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 an immiscible liquid?

- (a) Milk
- (b) Juice
- (c) Lemon juice
- (d) Kerosene

2. Which of the following cannot flow?

- (a) Solid
- (b) Liquid
- (c) Gases
- (d) All of these

3. In which layer of atmosphere, space shuttle orbit?

- (a) Stratosphere
- (b) Mesosphere
- (c) Thermosphere
- (d) Exosphere

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): We can drink the juice through straw.

Reason (R): Decrease in air pressure causes the liquid to rise up in the straw.

Q2. Name the following (2 Marks)

1. The gas used in fire extinguisher _____

2. Tiny particles of matter _____

SECTION B

Q3. Draw a well label diagram of showing Distillation process. (3 Marks)

Q4. Think and answer the following question. (3 Marks)

1. An empty balloon can fit easily in your pencil box but inflated balloon cannot .Why?

2. When we travel in a rainy day by a car, the glasses get foggy. What is the reason?

Q5. Answer the following questions. (6 Marks)

1. What is chlorination?

2. What is matter?

3. Define the term (a) Contraction (b) Expansion.

4. What are physical and chemical changes? Explain with example.

5. What is atmosphere? Give its importance.

6. Differentiate between sedimentation and decantation.

SECTION C

Q6. Case study (3 Marks)

Riya lives in a small town near a river. Every morning, she notices fresh air around her house because there are many trees nearby. Trees help in keeping the air clean by giving out oxygen. However, near the main road, the air is smoky due to vehicles and factories. The smoke makes breathing difficult and causes coughing.

The river near Riya's town is the main source of water for drinking, washing, and farming. Earlier, the river water was clean, but now people throw garbage and waste into it. Dirty water causes diseases like cholera and typhoid. Riya's teacher told the class that air and water are very important for all living beings and must be kept clean to stay healthy.

Answer the following question.

1. Why is the air near Riya's house fresh and clean?

2. How does dirty water affect our health?

3. Write one way to keep air clean and one way to keep water clean.