



# BURARI PUBLIC SCHOOL

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PT-3 ASSIGNMENT (2024-25)

CLASS: V

SUBJECT- SCIENCE

Date \_\_\_/\_\_\_/\_\_\_

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

**Q1. Choose the correct answer.**

( 2 )

1. Which kind of force is required to push a cart?

- (a) Electrostatic force      (b) Magnetic force      (c) Gravity      (d) Muscular force

2. Which of the following cannot flow?

- (a) Solids      (b) Liquids      (c) Gases      (d) All can flow

3. Which of the following is a source of sound energy?

- (a) Tabla      (b) Lamp      (c) Gas      (d) Coal

4. Which of the following is an immiscible liquid in water?

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

**Q2. Fill in the blanks.**

( 2 )

- \_\_\_\_\_ do not have definite shape and volume.
- Mechanical energy is of \_\_\_\_\_ types.
- \_\_\_\_\_ is the object on which work is done.
- When the steam touches a cold surface, it changes into \_\_\_\_\_.

**Q3. Write T for true and F for false statements.**

( 2 )

- A knife is a wedge.
- In soft drinks, carbon dioxide is dissolved.
- The process of changing a liquid to gas is called freezing.
- Friction helps us to walk easily on the road.

**Q4 Name the following.**

( 2 )

- Two sources of sound energy
- The process by which a gas changes into liquid form.
- A mixture where gas is dissolved in gas.
- The force which helps you to write.

**Q5. In the questions given below, there are two statements marked as Assertion (A) and Reason (R). Read the statements and choose the correct option.**

( 2 )

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

b. If the 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) :** Three states of matter are the results of different arrangement of molecules.

**Reason (R) :** Strong intermolecular forces of attraction tend to keep the molecules together.

2. **Assertion:** When a boy walks on a wet floor, the chances are that he trips and falls down.

**Reason:** We can reduce frictional force by polishing the surface.

**Q6. Define the terms.** ( 2 )

1 Gravitational force

2 Condensation

**Q7. Answer the following questions.** ( 6 )

1. What is the difference between load and effort?

2. Differentiate between melting and evaporation.

3. What is an inclined plane? Give two examples of inclined plane.

**Q8. Case study** ( 2 )

**Read the passage given below and answer the following questions.**

Earthquake is a natural calamity. It causes harm to life and property. It is a sudden shaking of land due to movement below the Earth's surface. Earth consists of different layers: Crust, Mantle, Inner core, Outer core.

Some shocks are felt after the big quakes. Earthquake is measured by an instrument called seismograph. It causes so much disaster and it occurs suddenly, people do not get time to run out of their homes also.

1 Earthquake is measured by \_\_\_\_\_.

(a) Seismograph      (b) Barograph      (c) Ammeter

2 The shaking of Earth is called \_\_\_\_\_.

(a) Wave      (b) Earthquake      (c) Cyclone