



# JAMMU SANSKRITI SCHOOL , JAMMU

LEARN FOR LIFE

SESSION (2024-25)

ASSIGNMENT FOR THE MONTH OF AUGUST

TOPIC – SOLIDS , LIQUIDS AND GASES

NAME :

CLASS: 3<sup>rd</sup>

ROLL NO:

SUB: EVS

**Q1. Fill in the blanks with correct words**

- a. \_\_\_\_\_ have a fixed shape. (Solids / Liquids )
- b. \_\_\_\_\_ occupy a fixed space. (Liquids/ Gases )
- c. Water \_\_\_\_\_ to convert into steam. ( Cools / Heats )
- d. Air is an example of \_\_\_\_\_ (Solid / Gas)
- e. Ice is the \_\_\_\_\_ form of water. (Solid / Liquid)
- f. \_\_\_\_\_ do not has fixed shape . ( Solids / Liquids )

**Q2. State whether the following statement are true or false.**

- a. Solids do not occupy any space. ( )
- b. Liquid turns into gas on cooling. ( )
- c. Gases do not flow by themselves. ( )
- d. Water exists in all the three forms. ( )
- e. Honey is an example of solid. ( )

**Q3. Give two examples of each of the following.**

- a. Solids \_\_\_\_\_
- b. Liquid \_\_\_\_\_
- c. Gases \_\_\_\_\_

**Q4. Fill the missing letter and complete the sentence.**

- a. Water F \_ \_ \_ \_ S to form ice.
- b. Ice M \_ \_ \_ S to form water.

**Q5. Categorize the following into Solid , liquid and gases.**



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### Q6. Assertion and Reason.

**ASSERTION (A)** : Solids have definite shape and volume.

**REASON (R)** : Solids have strong inter particle force of attraction.

- (a) Both (A) and (R) are true.
- (b) Both (A) and (R) are false.
- (c) (A) is true and (R) is false.
- (d) (A) is false and (R) is true

### Q7. Case study

Water exists in three different forms - solids , liquids and gases . Solids have fixed shape and size and occupy a fixed shape . They do not flow by themselves. Liquid do not have any shape of their own but occupy a fixed shape. They flow by themselves. Gases do not have a fixed shape and occupy space . They flow easily in all direction.

- We can smell the perfume in the nearby room because \_\_\_
  - a. Perfumes are very loose and flow easily
  - b. It has been sprayed in the nearby room.
  - c. Your nose is too sensitive.
- Which of these can be found in all the three states
  - a. Vaseline
  - b. Wax
  - c. Water
- Which is not true about liquids.
  - a. Can spread in the air.
  - b. Can take the shape of the container
  - c. Can flow