

Matter, Characteristics of molecules, States of matter, Molecular model of solids, liquids and gases , Change of state

CLASS-VIIC(RANK UP)

SUBJECT : PHYSICS
CHAPTER NUMBER: 1
CHAPTER NAME : MATTER

CHANGING YOUR TOMORROW

HOME ASSIGNMENT

1. Write down five general properties of solids, liquids and gases.
2. Describe the molecular model for a liquid. How does it explain that a liquid has no definite shape, but has a definite Volume?
3. Distinguish between the three states of matter - solid, liquid and gas on the basis of their molecular models.
4. How do the solids, liquids and gases differ in their following properties? (a) Size (b) Shape (c) Density
5. Give reasons:
 - (a) A gas can fill the whole vessel in which it is enclosed.
 - (b) Solids cannot be compressed.
 - (c) Liquids can flow.

HOME ASSIGNMENT

Select the correct alternative:

1. The inter-molecular force is maximum in solids gases liquids none of the above
 - a) solids
 - b) gases
 - c) liquids
 - d) none of the above
2. The molecules can move freely anywhere in
 - a) solids
 - b) gases
 - c) liquids
 - d) none of the above

THANKING YOU
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