

# "MATTER AND ITS CHANGES"



## 1. What is MATTER?

- a) It is the transfer of thermal energy from one object to another object.
- b) It is the vibration that propagates as an acoustic wave.
- c) It is a substance that occupies space
- d) All of them.

## 2. What are properties of matter?

- a) General and specific.
- b) Special and complex.
- c) General and particular.
- d) All of them.

3. What are examples of Particular Property of Matter?

- a) Density, hardness and mass
- b) Weight, volume and density
- c) Volume, mass and size
- d) Hardness, color and size.

4. What are examples of General Property of Matter?

- a) Weight, color and size
- b) Density, volume and mass.
- c) Weight, volume and color
- d) All of them.

5. Write True or False.

- ★ Matter can be broken in 12 categories. \_\_\_\_\_
- ★ Matter is divided in Pure Substances and Mixtures. \_\_\_\_\_
- ★ Pure substances are physically combined structures that can be separated into their original components. \_\_\_\_\_
- ★ Mixtures are further broken down into elements and compounds. \_\_\_\_\_
- ★ States of matter are: solid, gas and liquid. \_\_\_\_\_
- ★ A solid has a stable, definite shape and a definite volume. \_\_\_\_\_
- ★ A liquid can transform into a solid through evaporation. \_\_\_\_\_
- ★ The process of a liquid changing to a gas is called evaporation. \_\_\_\_\_

6. What is a gas?

- a) It is a nearly incompressible fluid that conforms to the shape of its container.
- b) It is a compressible fluid.
- c) It is a measure of how hot or cold something is.
- d) All of them.

7. What is a liquid?

- a) It is a nearly incompressible fluid that conforms to the shape of its container.
- b) It is a compressible fluid.
- c) It is a measure of how hot or cold something is.
- d) All of them.

8. Match:

It is a process which a solid can transform into a liquid.

It is a process which a liquid can transform into a solid.

It is the process which a liquid can change into a gas.

It is the process which a solid can transform directly into a gas.

Sublimation

Melting

Freezing

Evaporation