



# KALPAVRUKSHA MODEL SCHOOL

## ONLINE CLASS ASSIGNMENT

Class: VI

Sub: Chemistry

Date: 8.07.2021

**Topic: Sorting Materials into Groups Part-2**

Commented [1]: Approved

### I. Answer the following questions:

1) Name the three materials grouping on the basis of transparency.

Ans : The three materials grouping on the transparency are Transparent, Translucent and Opaque materials

2) Define the following:

a. transparent materials      b. translucent materials      c. opaque materials

Ans : **Transparent materials:** Materials that allow all the light to pass through them are called transparent materials.

**Translucent material:** Materials that allow some light to pass through are called translucent materials.

**Opaque materials:** Material that do not allow light to pass through them are called opaque materials.

3) Give three examples for each transparent, translucent and opaque materials.

Ans : Example: Glass, water, acrylic sheet and cellophane paper

Example: oiled paper and coloured glass

Example: wood, metals, leaf, stone and cardboard

4) Name three states of matter.

Ans : The three states of matter are solid, liquid and gas

5) Write characteristics of each solid, liquid and gasses.

Ans :

S.no	Solid	Liquid	Gas
1	They have definite shape and volume.	They have a definite volume but no definite shape. They take the shape of the container they poured into.	They do not have a definite shape or volume.
2	They cannot be compressed.	They can only be compressed to a small extent.	They are highly compressible.
3	The particles are closely packed.	The particles are not closely packed as in solids.	The particles are loosely packed.

6) List five examples of solid, liquid and gas

Ans : Solid : book, table, chair, wood, stand.

Liquid : petrol, juice, water, milk, diesel.

Gas : oxygen, hydrogen, carbon dioxide,

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