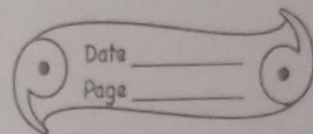


H/W
19/7/21

Home Assignment



Q) Explain the molecular model of solids, liquids, Gas.

Solids

- The molecules are tightly packed.
- They are not compressible.
- Don't have space between them.

Liquids

- The molecules have space between them.
- They are compressible.
- They are not ~~thi~~ tightly packed as solids.

Gas

- Molecules are very far apart.
- They are easily compressible.
- They are free to move.

Q) Distinguish between properties of solid, liquid, Gas.

Solids

- Molecules are rigid.
- Retain the shape.
- Have definite volume and shape.
- Almost incompressible.
- They can't flow.

Liquids

- Have definite volume.
- Don't have definite shape.
- Almost compressible.
- ~~The~~ Take the shape of a container.

Gas

- No definite shape nor volume.
- Can flow in any direction.
- Can be compressed.
- Gas exerts in different direction.

Q) Define Brownian movement and Cohesive force.

Ans) The zig-zag motion of particles suspended in Medium is called Brownian movement.

The force of attraction between same particle is Cohesive force.