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Chemistry

Matter

Q. Matter gives resistance when you are swimming fast flowing water or when walking during an air storm :-

Q. The particles of matter are held together by a force of attraction that exists between them are called as Inter molecular force of attraction.

Q. Table 3.1

S. No	Property	Solids	Liquids	Gases
1.	Intermolecular Space	Molecules are closely packed have negligible intermolecular space	Molecules are not closely packed; have more intermolecular space	Molecules are very loosely packed have large intermolecular spaces.
2.	Shape	Have fixed shape	Have no fixed shape. Take the shape of the container in which they are kept.	Have no fixed shape. Take the shape of the container in which they are filled.
3.	Have fixed volume Volume	Have fixed volume	Have fixed volume	Have no fixed volume
4.	Fluidity	Do not flow	Flow from higher level to a lower level	Flow in all directions
5.	Effect of pressure i.e. Compression	Effect of pressure is very low; almost incompressible	Effect of pressure is higher than on a solid, can be compressed slightly	Effect of pressure is very high; can be greatly compressed

Q. Exercise - 1

1. All things in nature or human made things that are made of called matter.

2. Natural and man-made are mainly types of matter. Natural - land and water,

Man made :- Chair and table.

3. Living things :- That are made of nature and they need to survive. ~~See~~

b) Non-living things :- living things

that are made of nature ~~or~~ or man-made that need anything is called

~~Non~~ non-living things.

4. Plastic, Medicines, detergents, ceramic, glass, and nylon