



SMILES N SKILLS



SCIENCE

MATTER (objective questions)

Fill in the blanks

1. The smallest particle of oxygen atom is called _____.
2. _____ is a substance that allows light to pass through but do not allow a clear view of objects on the other side.
3. A nail, coin and pebble sink to the bottom of the vessel filled with water because its density is _____ than the density of the water.
4. Metal usually lose its _____ when exposed to air and moisture.
5. _____ join together to make molecules.
6. Sugar, chalk and vinegar are some examples of _____.
7. British chemist, John Dalton, developed the theory that all elements are composed of tiny, indivisible particles called _____ and that each element is made of up of identical atoms known as Dalton's Atomic Theory.

Match the followings

- (i)Gas (a)The molecules are less tightly packed and their position is not fixed.
- (ii)Liquid (b)The force of attraction is strong that it keeps the molecules close together.
- (iii)Solid (c)The molecules are further apart that there is hardly any attraction between them.

Do as directed

- (i) Arrange the given objects on the basis of their hardness. (hint: order must be from hardest material to soft material) Plasticine, brick, glass, nail, wood, diamond, candle
- (ii) Look at the given figures. Explain why eggs sink in tap water and floats in salt water.



Tap Water



Salt Water