

Chemistry - Matter

Q. 1 Choose the word options and drag them into the correct places:

SOLID

LIQUID

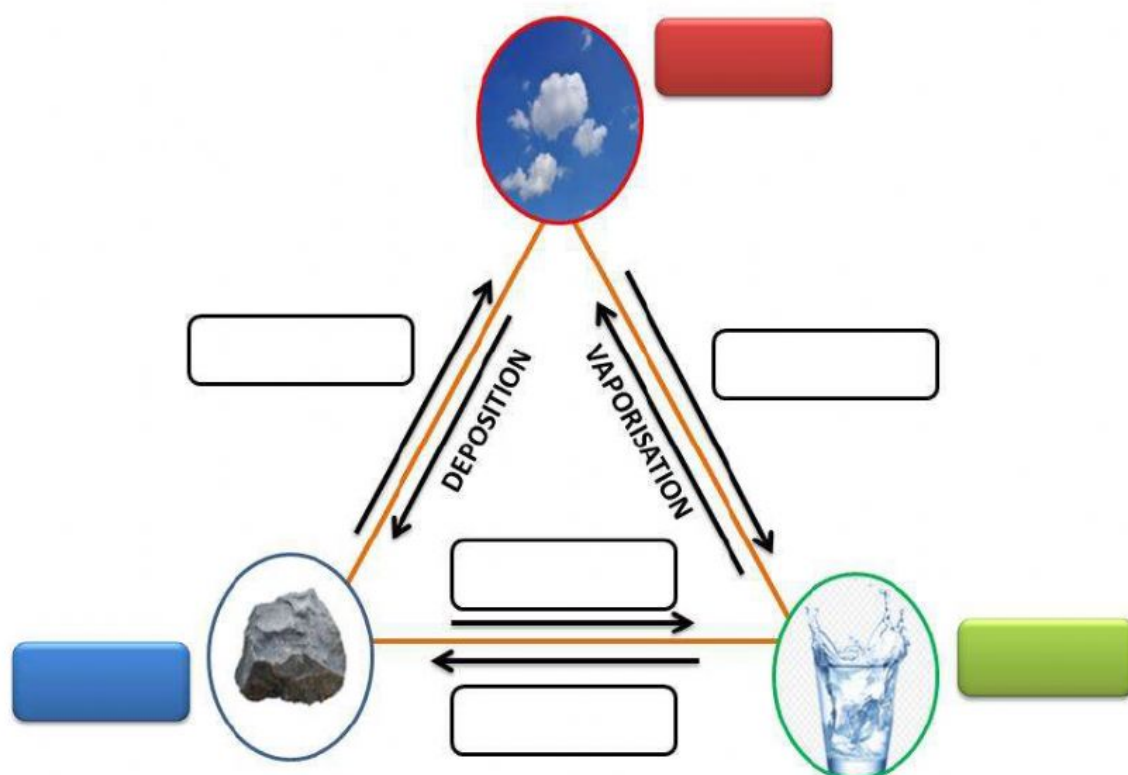
GAS

MELTING

FREEZING

CONDENSATION

SUBLIMATION



Q. 2 Complete the statements by typing the correct word from the brackets:

1. In naphthalene, the inter-particle attraction is [high / low]
2. The law of conservation of mass, is strictly valid if mass and [energy / volume] are considered together.

3. When inter-particle space increases, the inter-particle attractive force [decreases / increases]
4. Kinetic energy of molecules in Helium is [large / very large] compared to the kinetic energy of molecules in water.
5. Conversion of vapour (or gas) into a liquid is termed as [liquefaction / vaporization]

Q. 3 Complete the blanks by choosing the correct option from the drop down menu:

1. During the melting of solids, the inter-particle space
2. During vaporization, the liquid particles energy.
3. During liquefaction, the particles energy.
4. During solidification, the inter-particle space
5. During sublimation the inter-particle attraction is

Q. 4 Match the correct pairs : (Use the pencil and draw lines)

Column 'A'	Column 'B'
1. Solid	a) Maximum kinetic energy
2. Heat	b) Having resultant charge
3. Ion	c) Maximum Inter-particle attraction
4. Sublimation	d) Required for change of state
5. Gases	e) Conversion from Solid to Gas