

Q1. Look at these drawings of substances

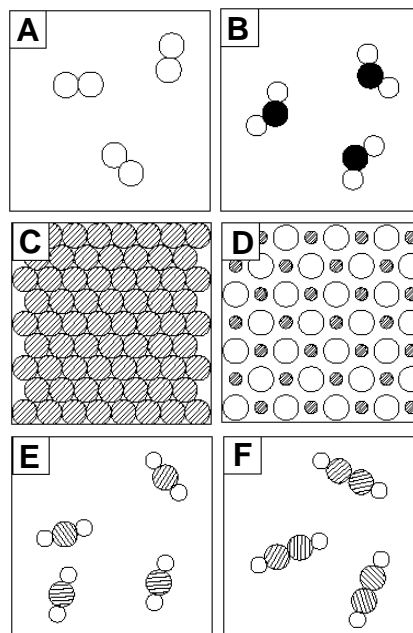
[/04]

i) Which drawings show elements?

ii) Which drawings show compounds?

iii) Which drawing shows molecules?

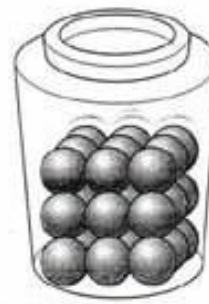
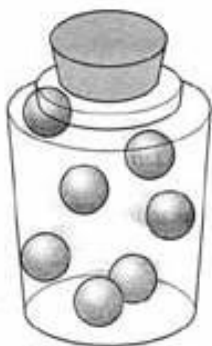
iv) Which drawing shows crystals?



Q.2 Complete the table.

Chemical formula	Types of atoms	Number of atoms	Is it a molecule of an element or of a compound?
N_2			<i>Molecule of an element</i>
CCl_4			<i>Molecules of a compound</i>

Q3. Following containers are filled with matter X, matter Y and matter Z:



a. X: _____ and Z: _____

b.

i) X is converted into Y **CONDENSATION**

ii) Z is converted into X _____

iii) Y is converted into X _____

iv) Y is converted into Z **FREEZING**

Q.4 Define the following terms:-

Condensation

Suspension

Solubility

Unsaturated Solution

Q.5 Describe the following.

Distillation and Fractional Distillation
