

MAXIMUM PROBABILITY QUESTIONS LIST FROM CHEMISTRY FOR CLASS-09 SA-3 2017

Name of the lesson	AS-3 (Activities/Experiments – 4 Marks)	AS-5 (Diagrams/Figures – 4 Marks)
1. Matter around us	1. Diffusion of two gases (HCl and NH ₃) 2. Effecting factors of evaporation 3. Effect of temperature on phase change with water	1. Diffusion of two gases (HCl and NH ₃) 2. Arrangement of molecules in Solids, Liquids and Gases 3. Effect of temperature on phase change with water
4. Is Matter Pure	1. Sublimation (Separation of NaCl and NH ₄ Cl mixture) 2. Evaporation (Separation of Ink and water) 3. Chromatography (Separation of colours in Ink) 4. Separating funnel (Separation of Water and Oil) 5. Distillation (Separation of Acetone and water) 6. Fractional distillation (Separation of spirit and water)	1. Sublimation (Separation of NaCl and NH ₄ Cl mixture) 2. Evaporation (Separation of Ink and water) 3. Chromatography (Separation of colours in Ink) 4. Separating funnel (Separation of Water and Oil) 5. Distillation (Separation of Acetone and water) 6. Fractional distillation (Separation of spirit and water) 7. Separation of components of air
5. Atoms and molecules	1. Law of Conservation of mass (Mass neither be created nor destroyed)	1. Law of Conservation of mass (Mass neither be created nor destroyed)
6. What is inside the atom ?	*****	1. Rutherford's Gold foil experiment (Alpha-particle scattering experiment) 2. Bohr's energy levels in atom 3. Arrangement of electrons in atoms H, He, Li, Be, B, C, N, O, F, Ne, Na, Mg, Al, Si, P, S, Cl, Ar, K, Ca

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