Points to Remember				
Solution	<ul> <li>A solution is a homogeneous mixture of two or more substances.</li> <li>* Solute : The component which is present in lesser amount.</li> <li>* Solvent : The component which is present in larger amount.</li> <li>* Dissolution : The process of uniform distribution of solute into solvent.</li> </ul>			
Types of solution	Based Binary solution : solution Ternary solution : solution Based Solid solution • Solid – solid E.g : alloys • Liquid – solid E.g : amalgam Aqueous solution : Wat Non aqueous solution : Wat Non aqueous solution : Saturated : No more solution : Types : Concentrate	<ul> <li>on number of components in on made of 2 components.</li> <li>ion made of 3 components.</li> <li>ion physical state of solute an <i>liquid solution</i></li> <li>Solid – liquid <i>E.g</i>: NaCl in water</li> <li>Liquid – liquid <i>E.g</i>: alcohol in water</li> <li>Gas – liquid <i>E.g</i>: sodawater</li> <li>Based on the type of solver for acts as a solvent.</li> <li>Any liquid other than water</li> <li>Based on the amount of solution</li> <li>liquid solution that saturated solved and dilute solutions.</li> </ul>	a solution a solution a solvent gaseous solution • Liquid – gas E.g : cloud • Gas – gas E.g : He-O <sub>2</sub> gas mixture the solution.	
Concentration	<b>Concentration of a solution</b> may be defined as the amount of solute present in a given amount of solution or solvent.			
Hygroscopic substances	These are substances that absorb moisture without changing their physical state, when exposed to the atmospheric air at ordinary temperature. $Ex$ : CaO			
Deliquescent substances	These are substances that absorb enough water and get completely dissolved, when exposed to the atmospheric air at ordinary temperature. <i>Ex</i> : KOH			

Hydrated Salts			
Common Name IUPAC Name		Molecular Formula	
Blue Vitriol	Copper (II) sulphate pentahydrate	CuSO <sub>4</sub> . 5 H <sub>2</sub> O	
Green Vitriol	Iron (II) sulphate heptahydrate	FeSO <sub>4</sub> . 7 H <sub>2</sub> O	
White Vitriol	Zinc sulphate heptahydrate	ZnSO <sub>4</sub> . 7 H <sub>2</sub> O	
Epsom Salt	Magnesium sulphate heptahydrate	MgSO <sub>4</sub> .7 H <sub>2</sub> O	
Gypsum Calcium sulphate dihydrate		CaSO <sub>4</sub> . 2 H <sub>2</sub> O	

