



SOLUTIONS POINTS TO REMEMBER

- ❖ A solution is a homogeneous mixture of two or more substances.
- ❖ An aqueous solution is a solution in which the solvent is water.
- ❖ A non-aqueous solution is a solution in which the solvent is a liquid, other than water
- ❖ A solution in which no more solute can be dissolved in a definite amount of the solvent at a given temperature is called saturated solution.
- ❖ An unsaturated solution is one that contains less solute than the saturated solution at a given temperature.
- ❖ A supersaturated solution is one that contains more solute than the saturated solution at a given temperature.
- ❖ Polar compounds are soluble in polar solvents.
- ❖ Non-polar compounds are soluble in non-polar solvents.
- ❖ In endothermic process, solubility of solid solute increases with increase in temperature.
- ❖ In exothermic process, solubility of solid solute decreases with increase in temperature.