Chapter 2-Solution
Class XII SCIENCE
Date 25/05/2023

1- State Henry's law. Give its three applications
2- Solution A has osmotic pressure 7.8 bar.what concentration of NaCl would be isotonic with it at 30 degree Celsius
3- Give 2 applications of osmosis and reverse osmosis
4- State two ways to fasten the process of osmosis
5- What is osmotic pressure of 0.91 % w/v NaCl solution which is isotonic with blood
6- Pressure vs mole fraction graph for O2&N2 are drawn at same temperature. Which graph has more slope and why?
7- What are antifreeze solutions?? Give eg.
8- What is the physical state of solute and solvent in amalgams ?
9- Solution of Tribasic acid is 70% dissociated. What will be the osmotic pressure of 0.1 molar solution of it?
10- What are minimum boiling azeotrope? Give example? Draw vapour pressure vs mole fraction graph for it.