1. Solutions definition. Solute. Solvent
2. Types of solutions
3. Melting process and solubility
4. Osmosis and osmotic pressure
5. Hemolysis and Plasmolysis. Isotonic, hypotonic and hypertonic solutions
6. Raoult's law
7. Electrolytes and nonelectrolytes
8. Dissociation of water, hydrogen indicator - pH and Poh
9. Titration
10. Acidosis and alkalosis
11. Acid-base balance. Buffer systems