

## CHEMICAL EQUATIONS

- 1) Write the equations for the laboratory preparation of :
  - (i) Sodium sulphate using dilute Sulphuric acid.
  - (ii) Lead sulphate using dilute Sulphuric acid.
- 2) Write the equation for the laboratory preparation of the following salts using sulphuric acid:
  - (i) Iron II sulphate from iron.
  - (ii) Copper sulphate from copper.
  - (iii) Lead sulphate from lead nitrate.
  - (iv) Sodium sulphate from sodium carbonate.
- 3) Write balanced equations for each of the following reactions :
  - (a) Action of heat on Copper nitrate. (b) Zinc and dilute Sulphuric acid.
- 4) Write the balanced equations for the following reactions:
  - (a) Dilute hydrochloric and Sodium sulphite.
- 5) Write the balanced equations for the following reactions:
  - (a) Dilute Nitric acid producing Carbon dioxide.
  - (b) Dilute Sulphuric acid producing Hydrogen.
  - (c) Between Lead nitrate solution and dilute Sulphuric acid.