**Aarambh Classes**

Class X

**CHEMISTRY WORKSHEET**

**Chemical reactions and equations**

1. **Translate the following statements into chemical equations and then balance the equations** :
2. Hydrogen sulphide gas burns in air to give water and sulphurdioxide .
3. Phosphorus burns in air to give phosphorus pentoxide .
4. Carbondisulphide burns in air to give carbondioxide and sulphur dioxide .
5. Aluminium metal replaces iron from ferric oxide giving aluminium oxide and iron .
6. Barium chloride reacts with Zinc sulphate to give zinc chloride and Barium sulphate.
7. **Balance the following equations :**

(i) Na +O2 Na2O

(ii) H2O2H2O + O2

(iii) Mg(OH) +HCl MgCl2 + H2O

(iv) Fe + O Fe2O

(v) Al (OH) Al2O + H2O

(vi) NH +CuO Cu + N+ H2O

(vii) Al2(SO4) +NaOH Al (OH) +Na2SO

(viii) HNO + Ca (OH) Ca (NO3) +H2O

(ix) NaOH + H2SO Na2SO +H2O

(x) BaCl + H2SO BaSO +HCl