

# Chapter 1

25 March 2020 19:24

## Balance the Following :

1.  $\text{Al}_2(\text{SO}_3)_3 + \text{NaOH} \rightarrow \text{Na}_2\text{SO}_3 + \text{Al}(\text{OH})_3$
2.  $\text{Al}_2\text{O}_3 + \text{Fe} \rightarrow \text{Fe}_3\text{O}_4 + \text{Al}$
3.  $\text{KClO}_3 \rightarrow \text{KCl} + \text{O}_2$
4.  $\text{NH}_4\text{NO}_3 \rightarrow \text{N}_2\text{O} + \text{H}_2\text{O}$
5.  $\text{NaHCO}_3 \rightarrow \text{Na}_2\text{CO}_3 + \text{H}_2\text{O} + \text{CO}_2$
6.  $\text{P}_4\text{O}_{10} + \text{H}_2\text{O} \rightarrow \text{H}_3\text{PO}_4$
7.  $\text{Al} + \text{H}_2\text{SO}_4 \rightarrow \text{Al}_2(\text{SO}_4)_3 + \text{H}_2$
8.  $\text{Be}_2\text{C} + \text{H}_2\text{O} \rightarrow \text{Be}(\text{OH})_2 + \text{CH}_4$
9.  $\text{S} + \text{HNO}_3 \rightarrow \text{H}_2\text{SO}_4 + \text{NO}_2 + \text{H}_2\text{O}$
10.  $\text{Cu} + \text{HNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + \text{NO} + \text{H}_2\text{O}$