

Chapter 3

METALS AND NON-METALS

Basic Metal Oxides:

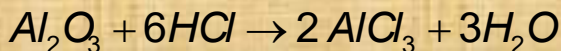
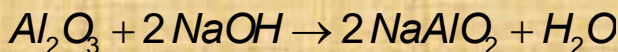
- Metal oxides are generally basic. When they are dissolved in water forms corresponding hydroxides, which are basic in nature.

These bases turns red litmus paper into blue.



Amphoteric metal oxides:

- Oxides of some of the metals are amphoteric in nature. It means they react with both acids as well as bases to form salt and water



These reactions shows Al_2O_3 is amphoteric oxide. Another example of amphoteric oxide is ZnO

