



KALPAVRUKSHA MODEL SCHOOL

Online class Assignments

Class: X

Sub: Chemistry

Date: 12.07.2021

Topic: Acids, Bases and Salts

I. Answers for the following questions:

1. What will happen following indicators comes in contact with base?

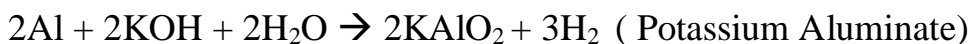
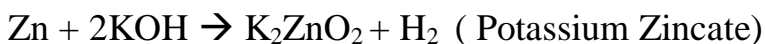
a) Methyl orange b) Phenolphthalein c) red litmus d) blue litmus

Ans: a) Methyl orange → Yellow b) Phenolphthalein → Pink

c) red litmus → Blue d) blue litmus → No change.

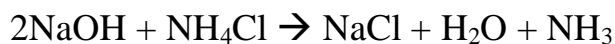
2. What do you observe when a base comes in contact with metals? Explain with 2 balanced chemical equations.

Ans: A base reacts with a metal to produce oxy salts with the liberation of hydrogen gases.



3. What do you observe when bases react with ammonium salts? Explain with a balanced chemical equation.

Ans: When bases are warmed with ammonium salts, ammonia gas is produced.



4. With the help of suitable examples explain neutralization reaction.

Ans: Bases reacts with acids to form salt and water.

Acid + Base → Salt + Water

