



KALPAVRUKSHA MODEL SCHOOL

Online class Assignments

Class: X

Sub: Chemistry

Date: 01.06.2021

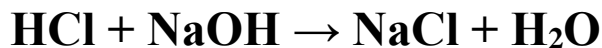
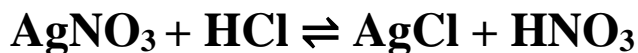
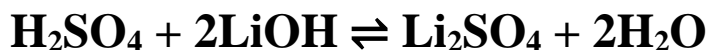
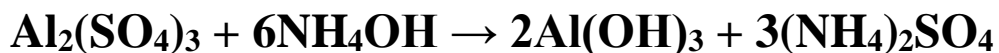
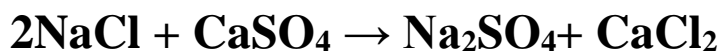
Topic: Chemical reactions and equations

I. Answer the following questions:

1. Define double displacement reaction.

Ans: A chemical reaction in which there is an exchange of ions between the reactants to give new substances is called a double displacement reaction.

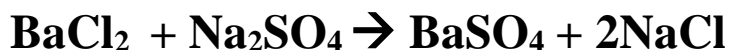
2. Write any five balanced double displacement reaction.



3. What will happen when sodium sulphate is added into barium chloride solution? Explain with balanced chemical equation.

Ans: When Barium chloride (colourless) is added into Sodium sulphate (colourless) solution. There is an exchange of ions takes place and immediately the colour of the solution changes into white colour after some time a white precipitate of Barium Sulphate settles

at the bottom and colourless solution of Sodium chloride will be on top of it.



4. What will happen when Sodium chloride is added into Silver nitrate solution? Explain with balanced chemical equation.

Ans: When Silver nitrate (colourless) is added into Sodium chloride (colourless) solution. There is an exchange of ions takes place and immediately the colour of the solution changes into white colour after some time a white precipitate of Silver chloride settles at the bottom and colourless solution of Sodium nitrate will be on top of it.

