

Acids Base & Salts

Worksheets

1) Distinguish between the concept of knowing acids and base one basis

Ans An Arrhenius bases increases the concentration of OH^- ion. A Brønsted-Lowry acids is any species that donates a proton to another molecule. A Lewis acid is an electron pair's acceptor.

2) Although NH_3 doesn't contain any OH^- ions still it behave as a base why?

Ans NH_3 doesn't contain ammonia ions or not having hydroxyl group is a base because it forms OH^- ions from ammonium ions and hydroxide ions after forming ammonium hydroxide when mixed in water.

Q) What is the oxidation state of K-atom in K_2MnO_4
 ~~and~~ Potassium Permanganate.

Ans The oxidation state of Mn in K_2MnO_4 is +7. This can be obtained by taking into account the valencies of potassium and oxygen atoms. The valency of K is +1 and of oxygen is -2. So to be specific it is +7. Similarly, the valency of oxygen is -2. So to be specific it is -2.