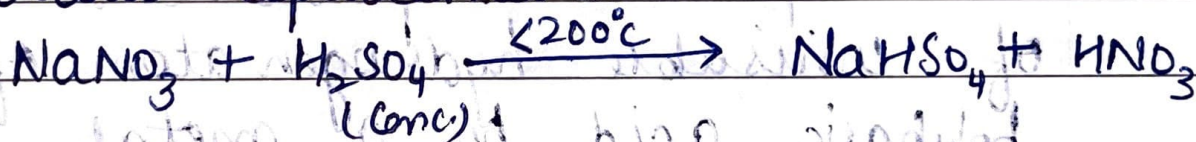


TENDER HEART HIGH SCHOOL, SEC- 33B, CHD.

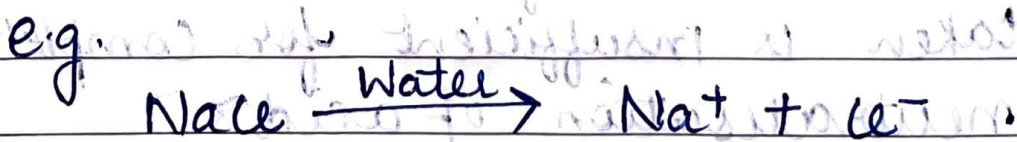
CLASS - IX CHAPTER - 3
SUBJECT - CHEMISTRY TEACHER - ANAMIKA

Salts:- Salts are the Compounds formed by partial or total replacement of ionisable hydrogen atoms of an acid by a metallic ion or ammonium ion.

Partial replacement



Ionic definition:- Salt is ionic compound which dissociates in water to yield positive ion other than H^+ & negative ion other than hydroxyl ion (OH^-)



classification of salt

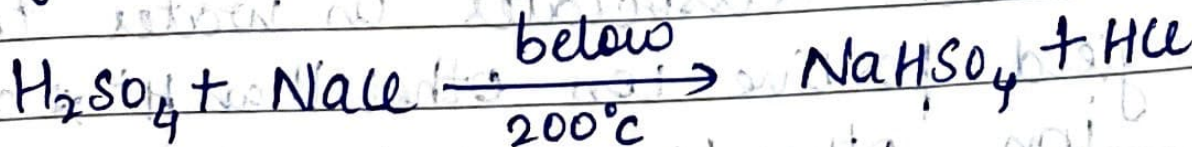
1. Normal salt:- These are salts formed by complete replacement of ionisable hydrogen atom of acid

e.g.



2. Acid salt:- These are formed by partial replacement of ionisable hydrogen atom of polybasic acid by a metal.

e.g.

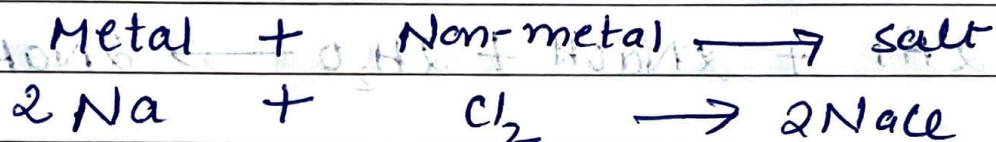


These are formed when base taken is insufficient for complete neutralisation of acid.

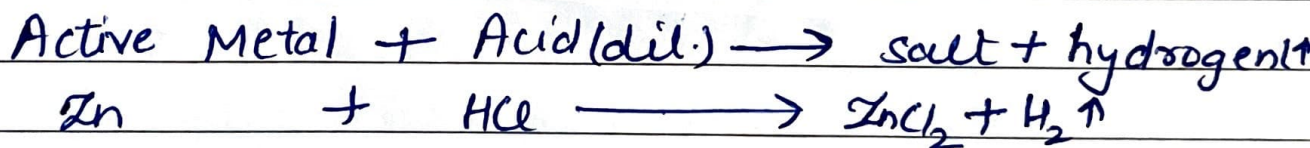
3. Basic Salt:- They are formed by the partial replacement of hydroxyl group of di or tri acidic base.
e.g. $[Pb(OH)Cl]$

Methods of preparation of salt

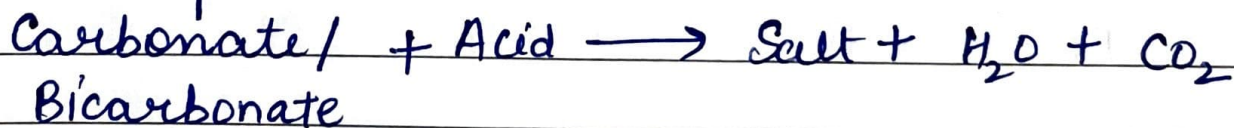
1. Direct Combination:-



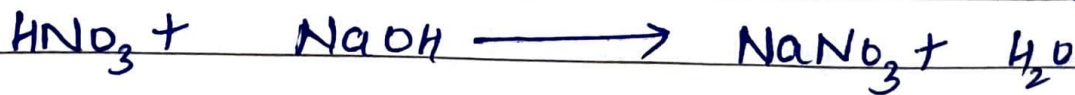
2. Simple displacement:-



3. Decomposition



4. Acid + Soluble base $\longrightarrow$ salt + water



5. Acid + Insoluble base $\longrightarrow$ Salt + Water



6. By action of alkalis on certain metals

