

**SAI International School**  
**CONCEPT MAPPING**  
**Subject – Chemistry-X**  
**Ch-2 Revision of Acids ,Bases & Salts**

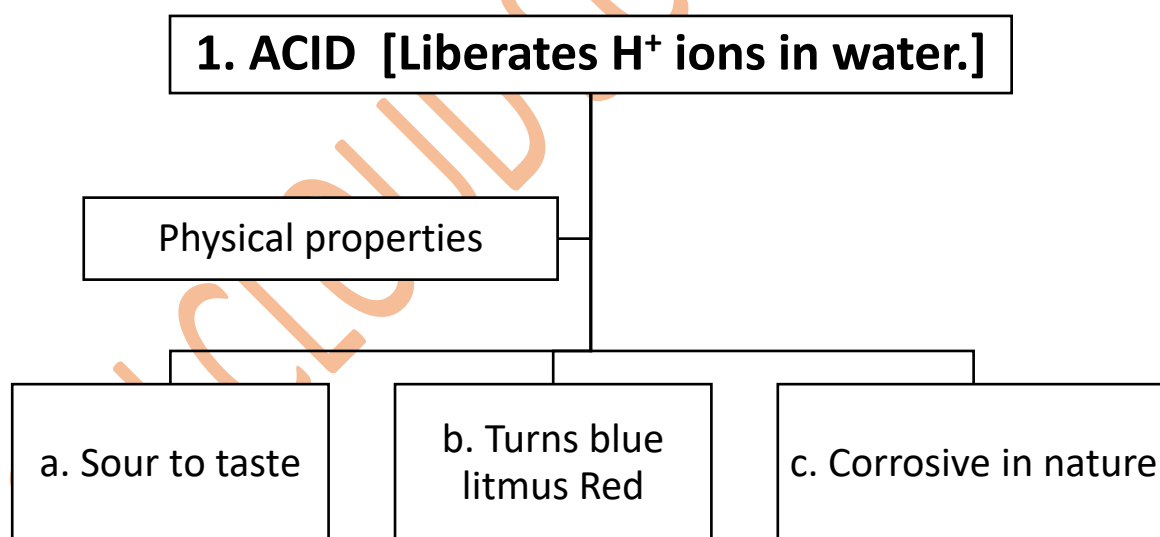
**Module -18**

**Instructions:**

- *Students you go through the mind map given based on the concepts covered in Chapter-2.*
- *Go through the concept mapping given*
- *Finally solve various conceptual questions given based on the various concepts of the Chapter.*

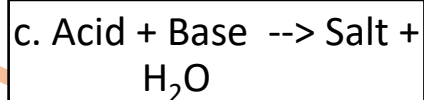
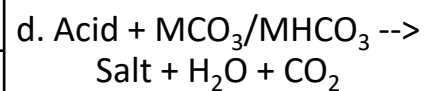
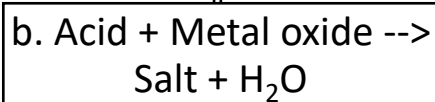
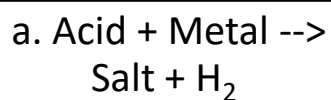
**MIND MAP**  
**Ch-2**  
**Acids, Bases & Salt**

**A] Acid-**



## 2. ACID [Liberates $\text{H}^+$ ions in water.]

Chemical properties



## B] Base-

### 1. Base [Liberates $(\text{OH}^-)$ ions in water]

Physical properties

Bitter to taste

Turns red litmus Blue

Slippery to touch

## 2. Base [liberates (OH<sup>-</sup>) ions in water]

### Chemical properties

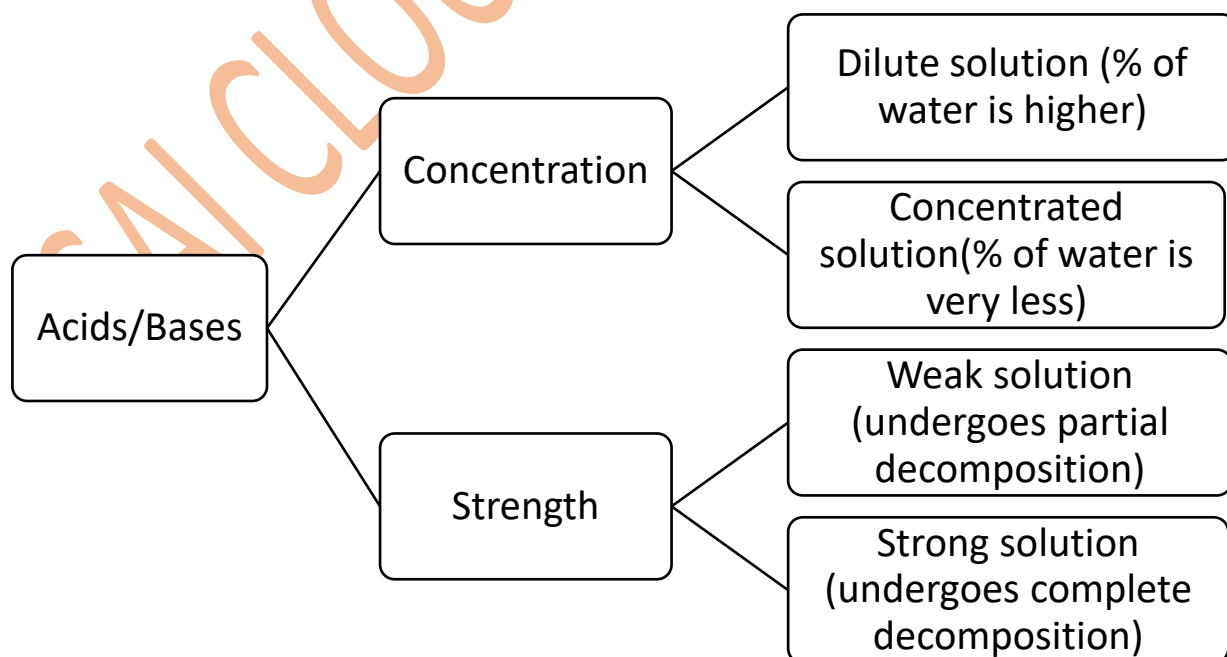
a. Base + Metal --> no change  
[Exception-  $\text{Zn} + \text{NaOH} \rightarrow \text{Na}_2\text{ZnO}_2 + \text{H}_2$ ]

b. Base + MO --> No change  
[Exception-  $\text{Al}_2\text{O}_3 + \text{NaOH} \rightarrow \text{NaAlO}_2 + \text{H}_2\text{O}$ ]

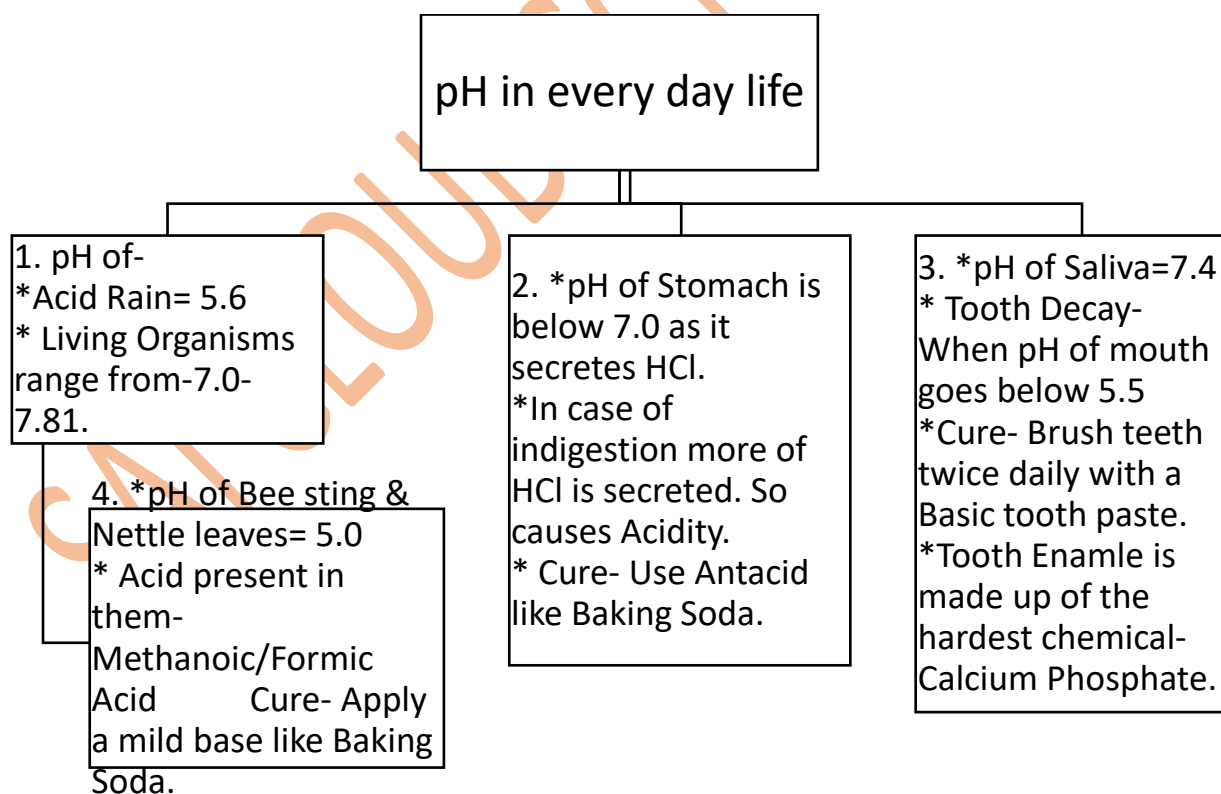
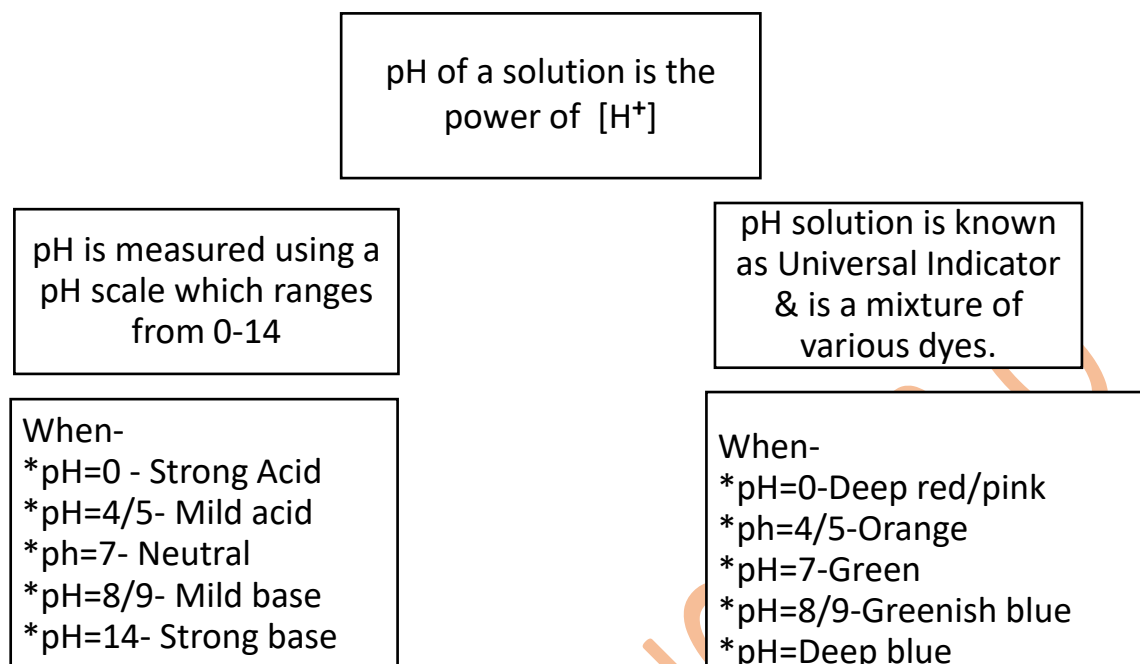
d. Base + nMO --> Salt + H<sub>2</sub>O

c. Base + Acid --> Salt + H<sub>2</sub>O

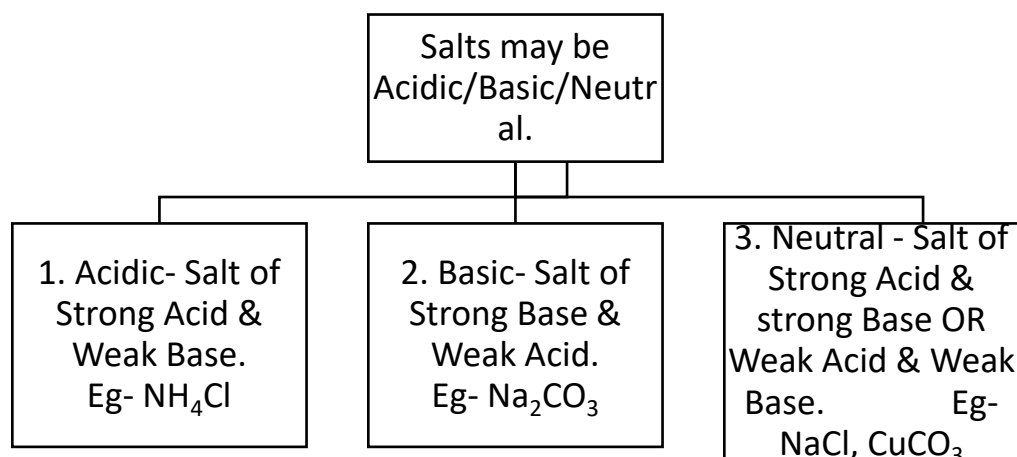
### C] Concentration & Strength-



## D] pH-



## E] SALTS-



## F] Salts to be studied-

