**SPLIT OF SYLLABUS**

**FOR CHEMISTRY Class: X Session: (2025-26)**

**Term 1st**

**S. No Chapter Periods Required**

1 Chemical reactions and equations 30

2. Acids Bases and Salts 30

**Activity cum Practical’s:**

**1).** Finding the pH of the following samples by using pH

Paper/Universal indicator.

a). Dilute HCl. b). Dilute NaOH solution.

C). Dilute Ethanoic Solution. d). Lemon Juice.

e). Water. f). Dilute Hydrogen Carbonate solution.

**2).** Studying the properties of acids and bases (HCl&Na OH). On

 the basis of their reaction with:

a). Litmus Solution. b). Zinc metal.

c). Solid Sodium Carbonate.

**3)**. Performing and observing the following reactions in classifying

 them into:

a). Combination reaction. b). Decomposition reaction.

c). Displacement reaction. d). Double displacement reaction.

i). Action of water on quick line.

ii). Action of heat on ferrous sulphate crystals.

iii). Iron nails kept in copper sulphate solution.

iv). Reaction between sodium sulphate and barium chloride solutions.

**Note: Chemical reactions and equations are to be asked in PWT1.**

**Term – II (Pre-Board)**

**S. No Chapter Periods Required**

3. Metals and Non metals 30

4 Carbon and it’s compounds 40

**Activity cum Practicals:**

**4).** Observing the action of zinc, iron, copper and aluminium metals

 on the following salt solutions:

a). ZnSO4(aq). b). FeSO4. c). CuSO4 d). Al2(SO4)3

Arranging Zn, Fe, Cu and Al in the decreasing order of reactivity based on the above results.

**5).** Study of the following properties of acetic acid.

a). Odour. b). Solubility in water.

c). Effect on Litmus. d). Reaction with sodium bicarbonate.

**6).** Study of comparative cleaning capacity of a sample of soap in soft

 and hard water.

**Note :Metals and non metals is to asked in PWT2.**