

SPLIT OF SYLLABUS CHEMISTRY CLASS XI 2023-24

MONTH	No. of working day	UNIT/No. of period	CHAPTER Name	Activities
June	8	Unit -I	Some Basic Concepts of Chemistry	DEMONSTRATION METHOD: Understanding Stoichiometric calculation and Limiting reagent Solve MCQ in class room.
July	24	Unit -II	Structure of Atom	Pictures/video clips of important term to our knowledge of the structure of atom practice of numerical with worksheets
August	23	Unit-iii	Classification of Elements and Periodicity in Properties	explaining periodic table and its trends with the help of periodic table
		Unit-iv	Chemical bonding and molecular structure	To Understand ionic and covalent compounds Construct physical models of molecules to understand VSEPR modeling. Shows ball and stick model of molecules

PERIODIC TEST-1				
September	23	Unit-v	Chemical Thermodynamics	Concept mapping. ● Various enthalpy changes can be made understood by correlating with real life. ● practice of numerical with worksheets Demonstration for exothermic and endothermic reaction.
October	16	Unit VII	Equilibrium	comparative study of various concepts of acids and bases ● practice of numerical with worksheets ● discussions on various applications of concept of buffer solutions a Determination of pH of some solutions obtained from fruit juices, solution of known and varied concentrations of acids, bases and salts using pH paper or universal indicator. practice of numerical with worksheets
November	23	Unit VIII	Redox reactions	Balance redox equation correlation with redox titrations

HALF YEARLY EXAM				
December	19	Unit-ix	-Some Basic Principles and Techniques	Crystallization of impure sample of any one of the following: Alum, Copper Sulphate, Benzoic Acid.
January	22	Unit-x	Hydrocarbons	Determination of melting point of an organic compound. Determination of boiling point of an organic compound.
PERIODIC TEST-2				
Feb	24	REVISION PRACTICE AND FINAL PRACTICAL EXAM		
March		FINAL EXAMINATION		