

Weekly Distribution of Syllabus
Class-11th
Subject- Chemistry

Month	Week	Name of Chapter	Topics/Content
Aug-21	1st (02 Aug - 07 Aug)	Chemical Bonding & Molecular Structure	Lewis Structure, Polar Character of Covalent Bond & Covalent Character of Ionic Bond
			V.B.T., Resonance & Geometry of Covalent Molecule
			VESPAR Theory, Concept of Hybridization, MOT & H-bonding
	2nd (09 Aug - 14 Aug)	States of Matter: Gases & Liquids	Three States of Matter, Types of Bonding, M.P. & B.P., Role of Gas Laws
			Boyle's Law, Charle's Law, Gay Lussac's Law
			Avagadro's Law, Ideal Behaviour, Derivation of Gas Equation, Avagadro No.
	3rd (16 Aug - 21 Aug)	States of Matter: Gases & Liquids	Liquefication of Gases, Critical Temp., K.E. & Molecular Speed
		Chemical Thermodynamics	Liquid State- V.P., Viscosity
			System & Surroundings, Work
	4th (23 Aug - 28 Aug)	Chemical Thermodynamics	Heat, Energy, Extensive & Intensive Properties, State Function
			1st Law Thermodynamics, Measurements of ΔU , ΔH & Hess Law
			Enthalpy of Bond Dissociation, Combustion, Formation, Atomization, Sublimation
	5th (30 Aug - 04 Sept)	Chemical Thermodynamics	Solution & Dilution, Entropy, Gibbs Free Energy Change
			Criteria of Equilibrium, Second Law of Thermodynamics
			Revision

Weekly Distribution of Syllabus
Class-12th
Subject- Chemistry

Month	Week	Name of Chapter	Topics/Content
Aug-21	1st (02 Aug - 07 Aug)	Surface Chemistry	Enzyme Catalysis & Colloidal State
			Purification & Properties of Colloids
			Origin of Charge on Colloidal Particals & Emulsions
	2nd (09 Aug - 14 Aug)	General Isolation & Process	Metallurgy & Refining of Metals
			Chromatographic Methods & Ellingham Diagram
			Extraction - Al, Cu
	3rd (16 Aug - 21 Aug)	General Isolation & Process	Extraction - Fe & Zn
		p-Block Elements	Group - 15 (General introduction, Physical & Chemical Properties)
			Group - 15 (Nitrogen & Phosphorus)
	4th (23 Aug - 28 Aug)	p-Block Elements	Group - 16 (General introduction, Physical & Chemical Properties)
			Group - 16 (Oxygen & Sulphur)
			Group - 17 (General introduction, Physical & Chemical Properties)
	5th (30 Aug - 04 Sept)	p-Block Elements	Group - 17 (Chlorine & Interhalogen Compound)
			Group - 18 (Noble Gases)
		d & f Block Elements	General Introduction, Characteristics of Transition Metals