Annual & Weekly Syllabus Split-Up - 2025-26 Class- XII Subject-Chemistry

S.No	Month	No. of Working Days		No. of	Topic	Sub Topic	Resources	Activity	Mid April Test	Periodic Test 1	Pre Mid Term	Mid Term	Preboard-1	Preboard-2	Practice Test-1	Preboard-
			Week 1	5		Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea),	NCERT, Senses Board, You Tube videos,	Titration								
1	APRIL	23	Week 2	5	Solution Electrochemistry	solid solutions, Raoult's law, ypes of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties - relative lowering of vapour pressure, Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, Numericals based on solution elevation of boiling point, depression of freezing point, osmotic pressure, Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's rules, Wheatstone bridge.	NCERT, Senses Board, You Tube videos	to find the Molarity and strength of Potasssium permanganate	٧	√		٧	٧			
			Week 3	4		Dry cell-electrolytic cells and Galvanic cells, lead accumulator, fuel cells, corrosion	NCERT, Senses Board,									
			Week 4	6	Chemical kinetics	Numerical Based on Nearst Equation.Rate of a reaction (Average and instantaneous), factors affecting rate of reaction: concentration,	NCERT, Senses Board,									
			Week 5	3	Citemed kinedes	rate law and specific rate constant, integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.		to find the Molarity and strength of Potasssium permanganate		٧		٧	V			
2			Week 1	0												
			Week 2	6	d and f block elements	General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first row transition metals	NCERT, Senses Board, bar magnet	to find the Molarityand strength of Potasssium permanganate								
	JUNE	19	Week 3	6		metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, Lanthanoids - Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences.	NCERT, Senses Board,									
			Week 4	6	d and f block	Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids.	NCERT, Senses Board,				V	V	V			
			Week 5	1	a and i blook	Exercise Questions	NCERT, Senses Board,				,					
			Week 1	5		Werner's Theory of Coordination Compounds Definitions of Some Important Terms Pertaining to Coordination Compounds Nomenclature of Coordination Compounds.	NCERT, Senses Board,	Notes Preperation								
3			Week 2	6	coordination compounds	4. Isomerism in Coordination Compounds 5. Bonding in Coordination Compounds 6. Bonding in Metal Carbonyls 7. Importance and Applications of Coordination Compounds	NCERT, Senses Board	To find the Molarityand strength of Potasssium permanganate with oxalic acid			V	٧	٧			
	JULY	27	Week 3	6	Halo alkanes and Halo arenes	Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions.	NCERT, Senses Board	Notes Preperation				v	√			_ _
			Week 4	6		Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution	NCERT, Senses Board	Salt analysis of inorganic salts								

					Halo alkanes and Halo	Alcohols: Nomenclature, methods of preparation, physical and	NCERT, Senses Board							
			Week 5		arenes	chemical properties (of primary								
				4						v				
			Week 1	7		alcohols only),Phenols: Nomenclature, methods of preparation,	NCERT, Senses Board, You Tube videos			·				
				2	alcohol Phenol Ether	physical and chemical properties, acidic nature of phenol,		Notes Preperation						
			Week 2	5		methods of preparation, physical and chemical properties,	NCERT, Senses Board, NCERT, Senses Board,	Notes Preperation Detection of Functional group				_		
4	AUGUST	23	Week 3	5	— Alcohol Phenol Ether	electrophillic substitution reactions, uses of phenols	NCENT, Senses Board,	from unknown organic compounds						
			Week 4	6		Revision	NCERT, Senses Board,	Detection of Functional group from unknown organic compounds			<i>1</i>			
			Week 5	5		Revision	NCERT, Senses Board,	compounds			•			
			Week 1	5	Term 1	Examination								
		25	Week 2	6	Term 1	Examination								
						Carboxylic Acids: Nomenclature, acidic nature, methods of	NCERT, Senses Board,							
5					Aldehyde Ketone and	preparation, physical and chemical properties; uses preparation, physical and chemical properties; uses. Aldehydes and Ketones:								
	SEPTEMBER		Week 3		Caboxylic acid	Nomenclature, nature of carbonyl group, methods of								
	SEPTEIVIDEN	25		6		preparation. Ketones Nomenclature, acidic nature, methods of					.,			
				0	Amines	preparation, physical and chemical properties; uses. Identification of primary, secondary and tertiary amines.	NCERT, Senses Board,				V			
			Week 4			Diazonium salts: Preparation, chemical reactions and importance in					,			
				6		synthetic organic chemistry. physical and chemical propertiesCarbohydrates Proteins Enzymes	NCERT, Senses Board,	Notes Preperation			√			
			Week 5			Vitamins Nucleic Acids Hormones	You Tube videos							
				2										
			Week 1	3		Amines: Nomenclature, classification, structure, methods of preparation,		Notes Preperation						
						Carbohydrates - Classification (aldoses and ketoses),	NCERT, Senses Board,							
					Amines/ Biomolecules	monosaccahrides (glucose and								
			Week 2			fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose),								
6	OCTOBER	13				polysaccharides (starch, cellulose, glycogen); Importance of								
	GETOBER			6		carbohydrates.	NCERT Course Resert							
			Week 3	4		Proteins -Elementary idea of - amino acids, peptide bond, polypeptides,	NCERT, Senses Board,	Notes Preperation			√			
			Week 4	0										
			Week 5	0										
			Week 1	0										
		23	Week 2	5	PB-1		NCERT, Senses Board, Worksheets				V			
7	NOVEMBER		Week 3		PB-1		NCERT, Senses Board,				1			
			Week 4				Worksheets NCERT, Senses Board,				T,			
				6	PB-1		Worksheets NCERT, Senses Board,	+	+		ν		+ +	
			Week 5	6	Revision	Revision	Sample Papers							
			Week 1	6	Revision	Revision	NCERT, Senses Board, Sample Papers							
			Week 2	,	PB-2	PACE STATE OF THE PACE STATE O	Sample Papers					2/		
8	DECEMBER	20	Week 3		L D-7				+			v	† †	
	DECEIVIBER	20	week 3	6	PB-2							٧		

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			Week 4	6	Practice Test-1						٧				
			Week 5	3	Practice Test-1						٧				
9		22		1		Week 1	0								
			Week 2	6	PB-3							V			
	JANUARY		Week 3		PB-3							٧			
			Week 4		PB-3							٧			
			Week 5			Board Practical									
10	FEBRUARY	23	Week 1	6		Board Practical									
			Week 2			Board Practical									
			Week 3												
			Week 4	6											
			Week 5	0											
			Week 1	5											
11			Week 2	6											
	MARCH	22	Week 3												
			Week 4	5											
			Week 5	1							ĺ				