

## West Bengal Board Class 12 Chemistry Deleted Syllabus 2020-21 PDF

Unit – I: Solid State	Electrical and magnetic properties. Band theory of metals, conductors, semiconductors and insulators and n and p type semiconductors
Unit II : Solutions:	Abnormal molecular mass, Van't Hoff factor and calculations involving it.
Unit III : Electrochemistry:	Concept of collision theory, activation energy, Arrhenius equation.
Unit IV: Chemical Kinetics:	Concept of collision theory, activation energy, Arrhenius equation.
Unit V : Surface Chemistry:	Emulsion - types of emulsions, catalysis: homogenous and heterogeneous, activity and selectivity ; enzyme catalysis
Unit VI : General Principles and Processes of Isolation of Elements:	Entire unit
Unit VII : p-Block Elements:	Preparation and properties of Phosphine, industrial process of manufacture of Sulphuric acid, Oxides of Nitrogen ; Phosphorus - allotropic forms, compounds of Phosphorus: Preparation and properties of Halides and Oxo acids (elementary idea only).
Unit VIII : d and f Block Elements:	Chemical reactivity of lanthanoids, Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids. Preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$
Unit IX : Coordination Compounds:	Structural and stereoisomerism, importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).
Unit X : Haloalkanes and Haloarenes:	Uses and environmental effects of - dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.
Unit XI : Alcohols, Phenols and Ethers:	Uses with special reference to methanol and ethanol.
Unit XIII: Amines:	Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.

Unit XIV : Biomolecules:	Oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen), importance of carbohydrates. Vitamins- classification and functions.
Unit XV: Polymers:	entire chapter
Unit XVI: Chemistry in Everyday life:	entire chapter

