

SYLLABUS UPDATES FOR NEET-UG 2024

CHEMISTRY - CLASS-11th & 12th

CLASS-11 th		
Unit	Chapters	Status
Unit 1	Some Basic Concepts of Chemistry	No Change
Unit 2	Structure Of Atom	Change
Unit 3	Classification of Elements and Periodicity	Change
Unit 4	Chemical Bonding and Molecular Structure	No Change
Unit 5	Thermodynamics	Change
Unit 6	Equilibrium	No Change
Unit 7	Redox Reactions	No Change
Unit 8	The p -Block Elements	Change
Unit 8	Organic Chemistry- Some Basic Principles and Techniques	No Change
Unit 9	Hydrocarbons	No Change
CLASS-12 th		
Unit	Chapters	Status
Unit 11	Solutions	No Change
Unit 12	Chemical Kinetics	No Change
Unit 13	Electrochemistry	Change
Unit 14	The p-Block Elements	Change
Unit 15	The d-and f-Block Elements	Change
Unit 16	Coordination Compounds	No Change
Unit 17	Haloalkanes and Haloarenes	Change
Unit 18	Alcohols, Phenols and Ethers	Change
Unit 19	Aldehydes, Ketones and Carboxylic Acids	No Change
Unit 20	Amines	Change
Unit 21	Biomolecules	Change
Unit 22	Practical Chemistry	Newly Added

CLASS-11th		
Class-11 NCERT Chapter	Deleted Chemistry Topics/ Chapters	Added Chemistry Topics/Chapters
Some Basic Concepts of Chemistry	–	–
Structure of Atom	–	Elementary ideas of quantum mechanics, quantum mechanics, the quantum mechanical model of the atom, its important features. Concept of atomic orbitals as one-electron wave functions: Variation of Ψ and Ψ^2 with r for 1s and 2s orbitals
Classification of Elements and Periodicity	–	–
Chemical Bonding and Molecular Structure	–	–
States Of Matter	Full Chapter Deleted	–
Thermodynamics	Third Law of Thermodynamics Enthalpy of Dilution	–
Redox Reactions	–	–
Hydrogen	Full Chapter Deleted	–
The s-Block Elements	Full Chapter Deleted	–
The p-Block Elements	Method of Preparation and Uses	–
Organic Chemistry: Some Basic Principles and Techniques	–	–
Hydrocarbons	–	–
Environmental Chemistry	Full Chapter Deleted	–

CLASS-12th		
Class-12 NCERT Chapter	Deleted Chemistry Topics/ Chapters	Added Chemistry Topics/Chapters
The Solid State	Full Chapter Deleted	–
Solutions	–	–
Chemical Kinetics	–	–
Electrochemistry	Corrosion	–
Surface Chemistry	Full Chapter Deleted	–
General Principles and Processes of Isolation of Elements	Full Chapter Deleted	–
The p-Block Elements	–	–
The d-and f-Block Elements	Chemical Reactivity of Lanthanoids	–
Coordination Compounds	–	–
Haloalkanes and Haloarenes	Environmental effects of dichloromethane, tetrachloromethane	–
Alcohols, Phenols and Ethers	Ether: Preparation Physical and Chemical Properties	–
Aldehydes, Ketones and Carboxylic Acids	–	–
Amines	Cyanides Isocyanides and Diazonium Salt: Preparation and Physical and Chemical Properties	–
Biomolecules	Polysaccharides (Starch Cellulose, Glycogen)	Biological Functions of Nucleic Acids
Polymers	Full Chapter Deleted	–
Chemistry in Everyday Life	Full Chapter Deleted	–
Practical Chemistry	<p>NEWLY ADDED:</p> <p>1. Detection of extra elements (Nitrogen, Sulphur, Halogens) Inorganic Compounds; Detection of the following functional group, hydroxyl (alcoholic and phenolic), carbonyl (aldehyde and ketones) carboxyl, and amino groups in organic compounds.</p> <p>2. The chemistry involved in the preparation of the following: Inorganic compounds: Mohr's salt. potash alum' Organic compounds: Acetanilide. p-nitro acetanilide, aniline yellow, iodoform' The chemistry involved in the titrimetric exercises - Acids. bases and the use of indicators. oxalic-acid vs KMnO₄. Mohr's salt vs KMnO₄.</p> <p>3. Chemical principles involved in the qualitative salt analysis: Cations - Pb²⁺.Cu²⁺, Al³⁺, Fe³⁺.Zn²⁺, Ni²⁺, Ca²⁺, Ba²⁺, Mg²⁺.NH₄⁺ Anions - CO₃²⁻, S²⁻, SO₄²⁻, NO₃⁻ NO₂⁻, Cl⁻, Br⁻, I⁻ (Insoluble salts excluded). Chemical principles involved in the following experiments: a) Enthalpy of solution of CuSO₄ b) Enthalpy of neutralization of strong acid and strong base. c) Preparation of lyophilic and lyophobic sols. d) Kinetic study of the reaction of iodide ions with hydrogen peroxide at room temperature</p>	