	Chemistry
	SYLLABUS: Class-XI & XII
Contonto	Unit -1 Atomic Structure CONCEPT
Contents	
Introduction to Structure of Atom	Dalton's atomic theory
	Thomson model
Atomic models	Rutherford model
	Bohr model
	Dual behavior of Matter
	Concept of orbitals
Quantum Mechanical Model	Heisenberg's uncertainty principle
	Quantum numbers
	Shape of s, p and d orbitals
Shapes of Atomic Orbitals	Node and nodal surface
	Shielding effect
Rules for Filling Electrons in Orbitals Stability of Completely Filled and	Aufbau principle
	Pauli's exclusion principle
	Hund's rule Electronic configuration of atoms
half-filled Orbitals	
Itali-Illied Orbitals	Unit-2 Chemical Bonding
Types of Chemical	Ionic bond
	Covalent bond
Bonds	Polar covalent bond
	Hybridization
Valence Bond Theory	VSEPR theory
	Resonance
Molecular Orbital Theory	Magnetic characteristics
	Bond order Intermolecular hydrogen bonding
Hydrogen Bond	Intramolecular hydrogen bonding
	Unit-3 States of Matter: Gases and Liquids
	Types of intermolecular forces
Intermolecular Forces	Nature of intermolecular forces
	Boyle's law
Laws Governing Gaseous State	Charles law
Laws Governing Gaseous State	Gay-lussac
	Avogadro law
Talant Dahardaru	Ideal gas equation
Ideal Behaviour	Dalton's law of partial pressure
	Kinetic theory of gases pressure Compressibility factor
Deviation from Ideal Behaviour	Boyle's Temperature
Liquefaction of Gases	Critical temperature, critical pressure and critical volume
4	Vapour pressure
Liquid State	Viscosity
	Surface tension
	Unit-4 Thermodynamics
	Concepts of :
	system, surrounding
Thermodynamic Terms	types of system
Thermodynamic Terms	state of a system state function and path function
	extensive and intensive properties
	extensive and intensive properties reversible and irreversible process
Thermodynamic Quantities	extensive and intensive properties reversible and irreversible process Work Heat
Thermodynamic Quantities	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy
· · · · ·	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthaloy
· · · · · ·	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity
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· · · · ·	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity Measurement of 40 Measurement of 41 Enthalpy change in a chemical reaction Endothermic and Exothermic reactions
First Law of Thermodynamics	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity Measurement of 40 Measurement of 41 Enthalpy change in a chemical reaction Endothermic and Exothermic reactions Standard enthalpy of reactions
Thermodynamic Quantities First Law of Thermodynamics Thermochemistry	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity Measurement of 41 Measurement of 41 Enthalpy change in a chemical reaction Endothermic and Exothermic reactions Standard enthalpy of reactions Enthalpy changes during phase transformations
First Law of Thermodynamics	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity Measurement of 40 Measurement of 41 Enthalpy change in a chemical reaction Endothermic and Exothermic reactions Standard enthalpy of reactions
First Law of Thermodynamics	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity Measurement of 4) Measurement of 4H Enthalpy change in a chemical reaction Endothermic and Exothermic reactions Standard enthalpy of reactions Enthalpy changes during phase transformations Standard enthalpy of formation
First Law of Thermodynamics	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity Measurement of 40 Measurement of 41 Enthalpy change in a chemical reaction Endothermic and Exothermic reactions Standard enthalpy of reactions Enthalpy changes during phase transformations Standard enthalpy of formation Thermochemical equations Hess's Law of Constant Heat Summation Enthalpies for different types of reactions Enthalpies for different types of reactions
First Law of Thermodynamics	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity Measurement of 40 Measurement of 41 Enthalpy change in a chemical reaction Endothermic and Exothermic reactions Standard enthalpy of reactions Enthalpy changes during phase transformations Standard enthalpy of formation Thermochemical equations Hess's Law of Constant Heat Summation Enthalpies for different types of reactions
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First Law of Thermodynamics Thermochemistry	extensive and intensive properties reversible and irreversible process Work Heat Internal Energy Enthalpy Heat capacity Measurement of 40 Measurement of 41 Enthalpy change in a chemical reaction Endothermic and Exothermic reactions Standard enthalpy of reactions Enthalpy changes during phase transformations Standard enthalpy of formation Thermochemical equations Hess's Law of Constant Heat Summation Enthalpies for different types of reactions

	Unit-5 Chemical Equilibrium
Introduction to Equilibrium	Dynamic nature of equilibrium
Equilibrium in Physical Processes	Solid - liquid equilibrium Liquid - vapour equilibrium
	Solid vapour equilibrium
	Equilibrium involving dissolution of solid and gases in liquids Dynamic nature of chemical equilibrium
Equilibrium in Chemical Processes	law of chemical equilibrium
Turne of Chamical Familibria	Equilibrium constant Homogenous Equilibria
Types of Chemical Equilibria	Heterogeneous Equilibria
Applications of Equilibrium Constant	Predicting the extent of a reaction Predicting the direction of the reaction
Factors Affecting Equilibria	Calculating Equilibrium Concentrations
Ionic Equilibrium in Solution	Le Chatelier's principle Strong and weak electrolytes
Torne Equilibrium in Solution	Acids, bases and salts Ionic product of Water
	pH scale
Ionization of Acids and Bases	Ionization constant of weak acids and bases Factors affecting acid strength
	Common ion effect
Buffer Solutions Solubility Equilibria of Sparingly	Buffer action and relevant examples Solubility product
Soluble Salts	Common ion effect of solubility of ionic salts
Introduction to Solid State	Unit -6 Solid State
Chemistry	Characteristics of Solid State
Classification of Solids on the Basis of Order in the Arrangement	Crystalline and amorphous Solids
Crystal Lattices and Unit Cells	Primitive and Centred Unit Cells
e. , star Euterces und Offic Cells	Number of atoms in per unit Cell in a cubic unit cell
Close Packing in solids	Packing in Solids Voids
r doking in Johas	Packing Efficiency Calculation of Density of unit cell
	Types of Point Defects
Imperfections in Solids	Stoichiometric and Non-Stoichiometric Defects Metal Excess Defect
Imperieccions in Solids	Metal Deficiency Defect
	Impurity Defects Conductors, semiconductors and insulators
Electrical Properties	Band theory of solids
	n & p type semiconductors Paramagnetic
	Diamagnetic
Magnetic Properties	Ferromagnetic Antiferromagnetic
	Ferrimagnetic
	Unit-7 Solutions Solute
Introduction to solutions	Solvent
	Solution Gaseous Solutions
Types of Solutions	Liquid Solutions
	Solid solutions Various, quantities used, to express concentration of a solution
Expressing the Concentration of	Various quantities used to express concentration of a solution Mole Fraction
Expressing the Concentration of Solutions of Solids in Liquids	Various quantities used to express concentration of a solution Mole Fraction Molarity
Solutions of Solids in Liquids	Various quantities used to express concentration of a solution Mole Fraction Molarity Molality Solubility of solid in liquid
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Solutions of Solids in Liquids Solubility	Various quantities used to express concentration of a solution Mole Fraction Molarity Molality Solubility of solid in liquid Solubility of gas in liquid Henry's Law Solution of two volatile liquids
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Solutions of Solids in Liquids Solubility Vapou r Pressure of Liquid Solutions Classification of Liquid-Liquid Solutions on the basis of Raoult's Law Colligative Properties Abnormal Molecular Mass Oxidation and Reduction Reactions Redox Reactions in Terms of Electron Transfer Reactions Oxidation Number Types of Redox Reactions Balancing of Redox Reactions Types of Electrochemical Cells Electrolysis	Various quantities used to express concentration of a solution Mola Fraction Molarity Molality Solubility of solid in liquid Solubility of gas in liquid Henry's Law Solution containing non-volatile solute Raoult's Law Ideal solutions Non Ideal solutions Non Ideal solutions Relative lowering of vapour pressure Elevation of boiling point Depression of freezing point Osmotic pressure Determination of molecular masses using colligative properties van't Hoff Factor - Numericals based on the above Unit-8 Redox reactions and Electrochemistry Mechanism of redox reactions by electron transfer process Evolution of the electrochemical series. Calculation of oxidation number Oxidation number method Half reaction Method Electrolytic cells Galvanic cells Electrode Sign conventions at anode and cathode Laws of electrolytic conductance Types of electrolytic conductivity Variation of conductivity with concentration Molaric ond conductivity Variation of conductivity with concentration Molaric number local account of the conductivity with concentration
Solutions of Solids in Liquids Solubility Vapou r Pressure of Liquid Solutions Classification of Liquid-Liquid Solutions on the basis of Raoult's Law Colligative Properties Abnormal Molecular Mass Oxidation and Reduction Reactions Redox Reactions in Terms of Electron Transfer Reactions Oxidation Number Types of Redox Reactions Balancing of Redox Reactions Types of Electrochemical Cells Electrolysis Conductance in Electrolytic Solutions	Various quantities used to express concentration of a solution Mole Fraction Mole Fraction Molarity Molality Solubility of solid in liquid Solubility of gas in liquid Henry's Law Solution of two volatile liquids Solution containing non-volatile solute Raoult's Law Ideal solutions Non Ideal solutions Non Ideal solutions Positive deviation Regative deviation Regative lowering of vapour pressure Elevation of boiling point Depression of freezing point Osmotic pressure Determination of molecular masses using colligative properties van't Hoff Factor – Numericals based on the above Unit-8 Redox reactions and Electrochemistry Mechanism of redox reactions by electron transfer process Evolution of the electrochemical series. Calculation of oxidation number Oxidation number method Half reaction Method Electrolytic cells Galvanic cells Electrotys electrolytic conductance Types of electrolytes Conductance Resistance Molar conductivity Variation of conductivity with concentration Kohlrausch's law EMF of a cell EMF of a cell

	Unit 0 c. Plack 9 n. Plack Flomants and motallings
	Unit-9 s- Block & p-Block Elements and metallurgy Electronic configuration
	Physical Properties Chemical properties
	Position of hydrogen in the periodic table
& Group 2 Elements	Diagonal relationship
	Biological importance Water and hydrogen peroxide
	Some Alkali metal compounds
	Some Alkaline earth metal compounds Electronic configuration
P-Block Elements Group 13, 14, 15, 16, 17 and 18 Elements	Occurrence Inert pair effect Reactivity
10, 17 and 10 Elements	Some compounds of Group 13 to 18 elements
	Unit-10 d and f - Block Elements and Coordination Compounds General properties of 3d elements.
	Electronic configuration
d-Block elements	Variable valency concept Color
	Magnetic properties Catalytic properties
	Compounds
F-Block Elements	Electronic configuration Oxidation states
	Lanthanide contraction
Coordination Compounds	General composition
	Coordination number Types of ligands
	Werner theory
IUPAC Nomenclature of Coordination Compounds	IUPAC rules
Valence Bond Theory as Applied to	Valence bond theory
Coordination Compounds	Crystal field theory
Importance of Coordination	Analytical applications
Compounds	Industrial applications Biological applications
	Unit-11 Surface Chemistry
Adsorption on a Surface	Physisorption Chemisorption
Adoorption on a Surface	Chemisorption Factors affecting the adsorption of gases on solids
	Homogenous and heterogeneous catalysis
Catalysis	Shape selective catalysis Enzyme catalysis
	Enzyme catalysis Distinction between true solution, colloid and suspension
	Classification of colloids
Colloids	Properties of colloids: Mechanical, Optical, Electrical Hardy-Schulze rule
	application of colloids
	Unit-12 Chemical Kinetics
Rate of Chemical Reaction	Average rate of reaction Instantaneous rate of reaction
	Concentration of reactants, temperature, catalyst, nature of reactants, pressure (gases), presence of light,
Factors Affecting Rate of a Reaction	surface area of the reactants
_	Rate Law and Specific Rate Constant Order And Molecularity
Total and Barrier and Control	Zero order reactions
untegrated Rate Equations and Half	
Integrated Rate Equations and Half life	First order reactions
life	First order reactions Pseudo First order reaction
life Temperature Dependence of Rate of	First order reactions Pseudo First order reaction Activation Energy
Temperature Dependence of Rate of Reaction	First order reactions Pseudo First order reaction Activation
life Temperature Dependence of Rate of	First order reactions Pseudo First order reaction Activation Energy Arrhenius Equation
Temperature Dependence of Rate of Reaction Collision Theory	First order reactions Pseudo First order reaction Activation Energy Arrhenius Equation Unit-13 Hydrocarbons, Haloalkanes and Haloarenes Types of hybridization in carbon compounds
Temperature Dependence of Rate of Reaction	First order reactions Pseudo First order reaction Activation Energy Arrhenius Equation Unit-13 Hydrocarbons, Haloalkanes and Haloarenes Types of hybridization in carbon compounds Shapes of organic molecules
Temperature Dependence of Rate of Reaction Collision Theory Types of Hybridization of Carbon	First order reactions Pseudo First order reaction Activation Energy Arrhenius Equation Unit-13 Hydrocarbons, Haloalkanes and Haloarenes Types of hybridization in carbon compounds
Temperature Dependence of Rate of Reaction Collision Theory	First order reactions Pseudo First order reaction Activation Energy Arrhenius Equation Unit-13 Hydrocarbons, Haloalkanes and Haloarenes Types of hybridization in carbon compounds Shapes of organic molecules 2D and 3D structural representation of organic compounds based on functional groups based on structure
Temperature Dependence of Rate of Reaction Collision Theory Types of Hybridization of Carbon	First order reactions Pseudo First order reaction Activation Energy Arrhenius Equation Unit-13 Hydrocarbons, Haloalkanes and Haloarenes Types of hybridization in carbon compounds Shapes of organic molecules 2D and 3D structural representation of organic compounds based on functional groups based on structure Priority order of functional groups
Temperature Dependence of Rate of Reaction Collision Theory Types of Hybridization of Carbon Classification of Organic Compounds	First order reactions Pseudo First order reaction Activation Energy Arrhenius Equation Unit-13 Hydrocarbons, Haloalkanes and Haloarenes Types of hybridization in carbon compounds Shapes of organic molecules 2D and 3D structural representation of organic compounds based on functional groups based on structure
Temperature Dependence of Rate of Reaction Collision Theory Types of Hybridization of Carbon Classification of Organic Compounds IUPAC Nomenclature of Organic	First order reactions Pseudo First order reaction Activation Energy Arrhenius Equation Unit-13 Hydrocarbons, Haloalkanes and Haloarenes Types of hybridization in carbon compounds Shapes of organic molecules 2D and 3D structural representation of organic compounds based on functional groups based on structure Priority order of functional groups Prefixes and suffixes for functional groups Derivation of structural formula from a given IUPAC name and vice-versa Structural isomerism
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life Temperature Dependence of Rate of Reaction Collision Theory Types of Hybridization of Carbon Classification of Organic Compounds IUPAC Nomenclature of Organic Compounds Stereochemistry and Isomerism Homolytic and Heterolytic Fission of a Covalent Bond Basics of Organic Reaction Electronic Displacements in a Covalent Bond Aromaticity Alkanes (Upto 5 Carbon Atoms) Alkenes (Upto 5 Carbon Atoms) Alkynes (Upto 5 Carbon Atoms)	First order reactions Pseudo First order reaction Activation Energy Unit-13 Hydrocarbons, Haloalkanes and Haloarenes Types of hybridization in carbon compounds Shapes of organic molecules 20 and 30 structural representation of organic compounds based on functional groups based on functional groups Perfixes and suffixes for functional groups Derivation of structural formula from a given IUPAC name and vice-versa Structural isomerism Structural isomerism Structural isomerism Streachemistry and stereoisomerism Projection formulae Interconversion of projection formulas Conformations and their relative stabilities (ethane and butane) Geometrical isomerism (as and trans) Optical isomerism Absolute and relative nomenclature of optical isomers carbocation carbanion free radical Electrophilic and nucleophilic reagents Types of organic reactions inductive effect electromeric effect resonance hyperconjugation Stability of aromatic compounds Huckel's rule Methods of preparation (Reduction, Wurtz reaction, Kolbe's electrolysis) Physical properties Chemical reactions (Halogenation, Isomerisation, Oxidation, Aromatization, Combustion, Pyrolysis) Methods of preparation (Partial reduction, dehydrohalogenati on, dehydration, dehalogenation) Physical properties Chemical reactions (Addition of Hz, X2, Markovnikov's and anti-Markovnikov's rule) Addition of HX, and H2O, ozonolysis, oxidation and polymerization Nomenclature, resonance and stability of benzene, orientation effect of substituents in benzene, preparation (Phychoplass of calcium carbiide, dehydrohalo- qenation) Physical properties Chemical reactions (Addition of H2, X2, HX, and H2O and polymerization) Nomenclature, resonance and stability of benzene, orientation effect of substituents in benzene, preparation (Phychoplass of calcium carbiide, dehydrohalo- qenation) Physical properties Chemical reactions (Addition of H2, X2, HX, and H2O and polymerization) Nomenclature, resonance and stability of benzene, orientation effect of substituents in benzene, preparation (Phychop

	Unit-14 Oxygen containing Organic compounds
St	Structure of alcohols, phenois and ethers
Structure Preparation of Alcohols and Phenols	Classification
	Preparation of alcohols (hydration of alkenes, hydroboration- oxidation, reduction of carbonyl compounds,
	from Grignard's reagent)
	Preparation of Phenols (from chlorobenzene, benzene and cumene)
	Physical Properties of Alcohols, Phenols and Ethers
Properties of Alcohols, Phenols and Ethers	Chemical Properties of Alcohols (with metals, esterification, esterification, with HX, dehydration)
	Chemical Properties of Phenols (halogenation, nitration and sulphonation, Kolbes Reimer - Tiemann,
	deoxygenation and oxidation)
Dunnanation of Ethans C shaminal	Preparation from alcohols
Preparation of Ethers & chemical Properties	Williamsons ether synthesis
Toperaes	Ether cleavage by HX
Structure of Aldehydes, Ketones and	halogenation, nitration and Friedel crafts reaction
Carboxylic Acids	
Preparation of Aldehydes and	From alcohols
	From alkenes
	From alkynes
	From aromatic hydrocarbons
Ketones	Gattermann-Koch
	From acid chlorides
	From nitriles
	Physical Properties of aldehydes and ketones
Physical, Chemical Properties and	Chemical Properties of Aldehydes and Ketones (nucleophilic addition reactions, nucleophilic addition-
Uses of Aldehydes and Ketones	elimination reactions, reduction, oxidation, Aldol condensation, Cannizzarro reaction, electrophiclic
	substitution in aromatic aldehydes)
	Structure of carboxylic acid
Controllinguide	Preparation of carboxylic acids (by oxidation, hydrolysis, from Grignard reagents)
Carboxylic acids	Physical properties of carboxylic acids
1	Chemical properties of carboxylic acids
	Unit-15 Nitrogen containing Organic compounds
Structure	
Preparation of Amines	By reduction of nitro compounds, nitriles and amides
	Ammonolysis of alkyl halides
Physical and Chemical Properties of	Physical Properties of Amines
Amines	Chemical Properties of Amines
	Nomenclature
1	Structure
1	Methods of
Diazonium Salts	Preparation
	Physical properties
i e e e e e e e e e e e e e e e e e e e	
	Chemical Properties
	Chemical Properties
	Chemical Properties Structure and importance of azodyes and examples
Biamalagulas	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers
Biomolecules	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates
Biomolecules	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins
	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids
Biomolecules	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins
	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers
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	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers
Polymers	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy
Polymers Chemicals in Medicines, Food and	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants
Polymers	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property
Polymers Chemicals in Medicines, Food and	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property detergents and bio-degradable detergents
Polymers Chemicals in Medicines, Food and	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property detergents and bio-degradable detergents Unit-18 Environmental Chemistry
Polymers Chemicals in Medicines, Food and Hygiene (Soaps and Detergents) Environmental	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property detergents and bio-degradable detergents Unit-18 Environmental Chemistry Environmental pollution
Polymers Chemicals in Medicines, Food and Hygiene (Soaps and Detergents)	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property detergents and bio-degradable detergents Unit-18 Environmental Chemistry Environmental pollution Conservation of natural resources
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Polymers Chemicals in Medicines, Food and Hygiene (Soaps and Detergents) Environmental	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property detergents and bio-degradable detergents Unit-18 Environmental Chemistry Environmental pollution Conservation of natural resources
Polymers Chemicals in Medicines, Food and Hygiene (Soaps and Detergents) Environmental Pollution	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property detergents and bio-degradable detergents Unit-18 Environmental Chemistry Environmental pollution Conservation of natural resources Types of water pollutants
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Polymers Chemicals in Medicines, Food and Hygiene (Soaps and Detergents) Environmental Pollution	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property detergents and bio-degradable detergents Unit-18 Environmental Chemistry Environmental pollution Conservation of natural resources Types of water pollutants Treatment of water pollution BOD
Polymers Chemicals in Medicines, Food and Hygiene (Soaps and Detergents) Environmental Pollution Water Pollution	Chemical Properties Structure and importance of azodyes and examples Unit-16 Bio-Molecules and Polymers Carbohydrates Amino acids and proteins Nucleic acids Vitamins Classification Methods of polymerization Methods of polymerization Preparation of Some polymers Unit-17 Chemistry in everyday life antacids, antihistamines, tranquilizers, analgesics, antimicrobials (antibiotics, antiseptics and disinfectants), antifertility drugs and chemotherapy food additives, artificial sweetening agents, preservatives and antioxidants saponification, Soaps & cleansing property detergents and bio-degradable detergents Unit-18 Environmental Chemistry Environmental pollution Conservation of natural resources Types of water pollutants Treatment of water pollution BOD Industrial and agricultural chemicals that