

XI NEET LIVE MICROSCHEDULE

Week No.	Class No.	TEST CODE	Chapter	Topic Title	Subtopics	Chapter	Class Title	Subtopics	Chapter	Class Title	Subtopics	Chapter	Class Title	Subtopics							
W1	09/07/2024 To 14/07/2024	1	Some basic concepts of chemistry	Mole Concept	Atomic Number, Atomic mass, Average atomic mass, Laws of Chemical combination, Dalton's Atomic Theory, Mole concept, Molar volume, Avogadro's Law and its application, Molar Mass, Molar fraction, Percentage composition, Empirical formula and molecular formula.	Physical world	Physical world	What is physics, Scope & Excitement of physics, Fundamental forces in nature, Nature of physical laws.	The Living World	Introduction - Exploring Life	Introduction, What is living? Diversity in the living world, Nomenclature, Need for classification, Classification: Taxonomy, Systematics	Structural Organization in Animal	Epithelial Tissues & Connective Tissue	Animal Tissues: Epithelial Tissues: General features, basement membrane, Types of Epithelial Tissues: Simple Compound Epithelium, specialized epithelial tissues, Types of gland, Connective Tissue: Connective tissue proper, loose connective tissue, Dense connective tissue: characters with examples, Supportive connective tissue: Cartilage, Bone, its structure & composition, Difference between cartilage & bone, Muscular Tissue: Types of Muscles: Skeletal muscles.							
					Stoichiometry reaction and numerical problem			Stoichiometric Calculations, % purity and % yield, Limiting reagent			Units and Measurements			System of Units and Errors in measurements	Introduction, International system of units, Measurement of length, Mass and Time, Errors in measurements	The Living World	Taxonomic categories	Taxonomic categories, species, genus, family, order, class, phylum (division), kingdom	Structural Organization in Animal	Nervous Tissue	Smooth muscles, Cardiac muscle, Nervous Tissue: Structure of neuron and its parts, Different types of neurons: Myelinated & Nonmyelinated neurons, Neuroglia cells: types of glial cells
					Some basic concepts of chemistry			Concentration Terms and Interconversion between different Concentration terms			Concentration terms (Molarity, Mole fraction, % W/W, % W/V, % V/V) Mole Fraction and ppm, Interconversion between different Concentration terms			Units and Measurements	Significant figures & Dimensions of Physical quantities	Least Count, Significant figures, Dimensions of physical quantities, Dimensional formulae & dimensional analysis, Dimensional analysis and its applications.	Biological Classification	Kingdom system of classification	Introduction, Kingdom system of classification- two kingdom, three kingdom, four kingdom, five kingdom, six kingdom, Domains of life, Kingdom Monera- characters of monera, Shape of bacteria, Bacterial Life process: Reproduction, Nutrition	Structural Organization in Animal	Morphology and Anatomy of Frog
W2	16/07/2024 To 21/07/2024	2	Some basic concepts of chemistry	Redox reaction	Oxidation number & balancing of redox reaction	Vectors	Vectors	Scalars & Vectors, Representation of a vector, Position & Displacement vectors, Angle between two vectors, Unit vector, Multiplication of vectors by real numbers, Addition of vectors: Triangle rule of vector addition, Parallelogram Law of vector addition, Pappus' Law, Resolution of vectors, projection of vector, dot product of vectors, applications of dot product, cross product of vectors, area of triangle and parallelogram and other applications	Biological Classification	Kingdom - monera	Reproduction: Asexual, Sexual recombination, Economic importance of bacteria, Archaeobacteria-methanogens, halophiles, thermophilobacteria, Eubacteria - Cyanobacteria, Mycoplasma	Animal Kingdom	General characteristics	Animal Kingdom-General Account(Non chordates), Basis of classification, Levels of organization, Open/Closed vascular system, Symmetry, Body plan, Protostomes, Deuterostomes, Coelom types, Segmentation, Notochord							
					Equivalent concept equivalent weight and Normality			Equivalent concept and calculation of equivalent weight of Acid, Base, Salt, Oxidising and Reducing Agent, Normality			KINEMATICS			Terms related to kinematics	Introduction, Position, Path length and displacement, Average velocity & average speed.	Biological Classification	Kingdom - Protista	Protozoa-General characters- Ciliophytes, Dinoflagellates, Euglenoids, Slime moulds, Protozoans-major groups with some salient features	Animal Kingdom	Porifera - Cnidaria and Ctenophora	Porifera & General characters, Body wall, Types of cells, Skeleton: Sclerites and spicules, Canal system (General outline), Reproduction, Cnidaria General characters, Body wall, Nematozoans: Structure, Hydra General characters, Hydra, Mollusca, Metazoa, Crustacea, Chelicerata, General characters, Comb plates, examples.
W3	23/07/2024 To 28/07/2024	3	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Differentiation, its application & integration	Biological Classification	Kingdom - Fungi - 1	Fungi-general characters, Character of different classes of fungi - Phycomycetes, Ascomycetes	Animal Kingdom	Platyhelminthes and Aschelminthes	Platyhelminthes: General characters, Symmetry, Flame cells, Reproduction, examples-Taenia, Fasciola, Aschelminthes/Nematodes: General characters, Reproduction with examples, nematodes-Ascaris, Hookworm, etc.							
					Planck quantum theory and Photoelectric effect			Planck quantum theory & related numericals, Photoelectric effect, black body radiation, Numericals of Photoelectric effect			KINEMATICS			Graphs & motion in 2D with uniform acceleration	Graphs (slope, area, etc.), Kinematic equations for uniformly accelerated motion, Motion under gravity	Biological Classification	Kingdom - Fungi - 2	Fungi- Basidiomycetes, Deuteromycetes, Kingdom Plantae, Kingdom Animalia	Animal Kingdom	Annelida, Arthropoda and Mollusca	Annelida: General characters, Reproduction, Nereis, Pheretima, Hirudinaria, Arthropods: General characters of arthropods, Chitinous exoskeleton, Types of respiration, excretory structures, reproduction, Types of molluscs in insects, Mollusca: General characters with examples.
W4	30/07/2024 To 04/08/2024	4	Some basic concepts of chemistry	Atomic structure	Bohr's model, spectrum and dual nature of matter	Kinematics	Kinematics	Motion in a plane, Motion in a plane with constant acceleration	Biological Classification	Viruses	Virus-introduction, discovery, structural components, Structure of some viruses (TMV, bacteriophage) Diseases, Sub-viral agents - Viroids, Viroids, Prions, Lentiv, Mycoplasma	Animal Kingdom	Echinodermata and Hemichordata	Echinodermata: General characters, Water vascular system, Hemichordata: General characters, stolidochord, examples.							
					Equivalent concept equivalent weight and Normality			Equivalent concept and calculation of equivalent weight of Acid, Base, Salt, Oxidising and Reducing Agent, Normality			KINEMATICS			Relative motion in 2D	Relative velocity in two dimensions, & rain man problems, river swimmer problems	Plant Kingdom	Classification systems	Introduction of plant kingdom, Classification systems-artificial, natural and phylogenetic, Branches of taxonomy	Animal Kingdom	Phylum - Chordata	Animal Kingdom-General Account(Chordates) Chordates: General characters.
W5	06/08/2024 To 11/08/2024	5	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-I	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W6	13/08/2024 To 18/08/2024	6	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W7	20/08/2024 To 25/08/2024	7	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W8	27/08/2024 To 01/09/2024	8	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W9	03/09/2024 To 08/09/2024	9	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W10	10/09/2024 To 15/09/2024	10	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W11	17/09/2024 To 22/09/2024	11	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W12	19/09/2024 To 24/09/2024	12	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W13	26/09/2024 To 01/10/2024	13	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W14	03/10/2024 To 08/10/2024	14	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W15	10/10/2024 To 15/10/2024	15	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W16	17/10/2024 To 22/10/2024	16	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W17	24/10/2024 To 29/10/2024	17	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W18	31/10/2024 To 05/11/2024	18	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W19	07/11/2024 To 12/11/2024	19	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W20	14/11/2024 To 19/11/2024	20	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W21	21/11/2024 To 26/11/2024	21	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W22	28/11/2024 To 03/12/2024	22	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W23	05/12/2024 To 10/12/2024	23	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W24	12/12/2024 To 17/12/2024	24	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W25	19/12/2024 To 24/12/2024	25	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W26	26/12/2024 To 31/12/2024	26	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum of hydrogen.			KINEMATICS			Projectile Motion-II	Horizontal projectile motion	Plant Kingdom	Bryophytes: General Characters, Life Cycle	Bryophytes- General Characters, Life Cycle	Animal Kingdom	Urochordata	Urochordata-General characters with examples.
W27	02/01/2025 To 07/01/2025	27	Some basic concepts of chemistry	Atomic structure	Atomic structure	Kinematics	Kinematics	Projectile Motion-II	Plant Kingdom	Algae	Algae-general characters, Economic importance of algae, Characters of different classes of algae: Chlorophyta, Rhodophyta, Charophyta, rhodophyceae	Animal Kingdom	Sub Phylum - Chordata	Sub phylum - Chordata: 3 subphyla-Urochordata, Cephalochordata, Vertebrata							
					Atomic structure			de Broglie equation and related numericals, Bohr's model, Calculation of radius, velocity, time period, Frequency and Energy of electron in nth orbit, Ionization energy & Excitation energy, Emission and absorption spectrum, Line spectrum													

13/10/2024	26	Chemical Equilibrium	Le Chatelier principle	Factor affecting equilibrium, (Le Chatelier principle, Effect of Change in pressure, change in temperature, Catalyst)	ROTATION	Torque, Angular momentum & Equilibrium of rigid body	Introduction to torque and angular momentum, Equilibrium of rigid body	CELL:THE UNIT OF LIFE	Introduction: Cell and Cell Theory	Introduction: What is a Cell? Cell Theory	BIOMOLECULES	Primary and Secondary Metabolites	Introduction, How to Analyse Chemical Composition? Primary and Secondary Metabolites.
14/10/2024	TEST	LFTN-6	W12 (40%), W11 (40%), W1 to 10 (20%)										
15/10/2024 TO 20/10/2024	27	Ionic Equilibrium	Concept of Acid base, Ostwald dilution law and Common ion effect	Concept of Acid base (Arrhenius concept, Bronsted Lowry) Lewis concept), Ionization of weak Acid and Base, Ostwald dilution law, Common ion effect	ROTATION	Moi. Radius of gyration, Perpendicular and Parallel axis theorems	moment of inertia, radius of gyration, Theorems of perpendicular and parallel axis and their application	CELL:THE UNIT OF LIFE	Prokaryotic Cell	An overview of Cell Prokaryotic Cells Cell Envelope and its Modifications Nuclear, Prochromosome and Plasmids, Ribosomes and Inclusion Bodies	BIOMOLECULES	Biomacromolecules	Biomacromolecules
	28	Ionic Equilibrium	Ionic product of water pH and pH scale	Ionic product of water, pH and pH scale	ROTATION	Dynamics of rotational motion	rotational motion about a fixed axis, Dynamics of rotational motion about a fixed axis, Angular momentum in case of rotation about a fixed axis.	CELL:THE UNIT OF LIFE	Eukaryotic Cell and its organelles	Eukaryotic Cells Cell Membrane Cell Wall Endomembrane System The Endoplasmic Reticulum (ER) Golgi apparatus Lysosomes Vacuoles	BIOMOLECULES	Proteins	Proteins
22/10/2024 TO 27/10/2024	29	Ionic Equilibrium	pH calculation and Buffer solution	pH calculation, Buffer solution, Type of Buffer solution, pH, Buffer capacity and Buffer range	ROTATION	Conservation of angular momentum & Angular impulse	law of conservation of angular momentum, angular impulse	CELL:THE UNIT OF LIFE	Eukaryotic Cell organelles - II	Mitochondria Placids Ribosomes Cytoskeleton Cilia and Flagella Centriosome and Centrioles Nuclear Chromosomes Microtubule	BIOMOLECULES	Carbohydrates	Carbohydrates
28/10/2024	TEST	LFTN-7	W14 (40%), W13 (40%), W1 to W13 (20%)										
30/10/2024 TO 31/10/2024			(WEDNESDAY) CHHOTIWAALI										
01/11/2024			(THURSDAY) DIWALI										
02/11/2024			(FRIDAY) GOVINDANAVOODA										
			(SATURDAY) BHAIROODI										
05/11/2024 TO 10/11/2024	30	Ionic Equilibrium	Salt and Salt hydrolysis and Titration	Salt and Salt hydrolysis, Solubility and Solubility product, theory of indicators, Titration- acid base and redox (burette)	GRAVITATION	Introduction, Kepler's law & Gravitational law	Introduction, Kepler's law, Universal law of Gravitation, Gravitational constant, Acceleration due to gravity of the earth, Acceleration due to gravity below & above the surface of the earth.	Cell Cycle and Cell Division	Cell cycle		BIOMOLECULES	Structure of Proteins	Structure of Proteins
	31	P block elements	Boron Family AND Carbon Family	G13 +14 (General trends and unique behaviour of first element), General trends in physical and chemical properties of element across the period and down the group	GRAVITATION	Gravitational Potential Energy, Escape orbital velocity & Orbits Satellites	Gravitational potential energy, gravitational potential, Escape speed, Earth's satellite, Energy of an orbiting satellite, orbital velocity of satellite	Cell Cycle and Cell Division	Cell division - MITOSIS	Mitosis Prophase Metaphase Anaphase Telophase Cytokinesis Significance of Mitosis	BIOMOLECULES	Nucleic Acids, Enzymes, Chemical Reactions	Nucleic Acids, Enzymes, Chemical Reactions
07/12/2024			CHAT POODI										
11/11/2024	TEST	LCTN-2	W12 TO 15 (80%), W1 TO 11 (20%)										
12/11/2024 TO 17/11/2024	32	General Organic Chemistry	Basic language of Organic chemistry	Classification and IUPAC Nomenclature of organic compounds.	PROPERTIES OF SOLIDS	Introduction & stress & strain	Introduction, Elastic behavior of solids, Stress & strain, Hooke's law, Stress-strain curve	Cell Cycle and Cell Division	Cell division - MEIOSIS	Miosis Meiosis I Meiosis II Significance of Meiosis	BIOMOLECULES	Classification and nomenclature of enzyme	How do Enzymes bring about such High Rates of Chemical Conversions? Nature of Enzyme Action, Factors Affecting Enzyme Activity, Classification and Nomenclature of Enzymes, Co-Factors, Nature of Bond Linking Monomers in a Polymer, Dynamic State of Body Constituents - Concept of Metabolism, Metabolic Basis for Living
19/11/2024 TO 24/11/2024	33	General Organic Chemistry	Nomenclature of Aromatic compound AND cyclic compound	Nomenclature of Aromatic compounds and brief discussion on nomenclature of cyclic compound	PROPERTIES OF SOLIDS	Elastic potential energy, Elastic moduli	Elastic Potential Energy, Elastic moduli, Applications of elastic behaviour of materials.	Anatomy of Flowering Plants	Epidermal and Ground Tissue system	Introduction, Tissue system - epidermal, ground tissue system	EXCRETORY PRODUCTS & THEIR ELIMINATION	Human excretory system and mode of excretion	Different types of excretory structures in various animals, Human excretory system-structure of kidney, urine, urinary bladder
24/11/2024	34	General Organic Chemistry	Electronic displacement.	Electronic displacement, inductive effect, Electromeric effect	FLUIDS	Pressure and its variation	Introduction, Pressure due to a fluid column, variation with depth, atmospheric pressure and gauge pressure	Anatomy of Flowering Plants	Vascular Tissue System	Vascular Tissue System, Types of vascular bundles	EXCRETORY PRODUCTS & THEIR ELIMINATION	Structure of nephron	Mode of excretion- Ammonotelous, Ureotelous, uricotelous (brief account), Different types of excretory structures in various animals, Human excretory system-structure of kidney, urine, urinary bladder
25/11/2024	TEST	LFTN-8	W17(40%), W16 to W15 (20%)										
26/11/2024 TO 01/12/2024	35	General Organic Chemistry	delocalization of pi electrons in conjugation system	Resonance, Resonating structure their stability, Mesomeric effect	FLUIDS	Pascal's Law, Hydraulic machines	Pascal's Law, Hydraulic machines	Anatomy of Flowering Plants	Anatomy of stem	Dicotyledonous Stem, Monocotyledonous Stem	EXCRETORY PRODUCTS & THEIR ELIMINATION	Mechanism of Urine formation	Urine formation - Glomerular filtration-Structure of Malpighian body, Ultra filtration mechanism, glomerular filtration rate, Filtration Fraction, reabsorption of glomerular filtrate, Tubular reabsorption & secretion
	36	General Organic Chemistry	Hyperconjugation	Hyperconjugation	FLUIDS	Continuity equation and Bernoulli's principle	Streamline flow, Equation of continuity, Bernoulli's principle and its application	Anatomy of Flowering Plants	Anatomy of leaf	Dorsiventral (Dicotyledonous) Leaf, Isobilateral (Monocotyledonous) Leaf	EXCRETORY PRODUCTS & THEIR ELIMINATION	Counter-current mechanism and kidney regulation	Counter-current mechanism, Regulation of kidney function, Osmoregulation, control by ions glomerular apparatus, Renin-angiotensin-aldosterone system (RAAS), renal hypertensive factor, ADH and Diabetes insipidus.
03/12/2024 TO 08/12/2024	37	General Organic Chemistry	Reaction intermediate	Reaction intermediate carbocation, Carbanion, Free radical, Carbene, Nitrene	FLUIDS	Viscosity, Stokes law, terminal velocity	Viscosity, Stokes law, terminal velocity	Photosynthesis in Higher Plants	Photosynthesis- Early experiments	Introduction, Importance, What do we know?, Early experiments	EXCRETORY PRODUCTS & THEIR ELIMINATION	Composition of Urine and kidney transplantation	Urine: its composition, micronutrient mechanism, role of other organs like kidney, lungs, liver and skin in excretion. Disorders-uricemia, renal failure, renal calculi, nephritis. Dialysis and artificial kidneys & kidney transplantation.
	38	General Organic Chemistry	Stability of reaction intermediate	Stability of reaction intermediate	FLUIDS	Surface Tension, Surface energy & Application of surface tension	Surface tension, surface energy, angle of contact, application of surface tension- drops, bubbles, capillary rise	Photosynthesis in Higher Plants	Absorption spectrum and action spectrum	Where does photosynthesis take place? How many types of pigments are involved in photosynthesis? Pigments, Absorption spectrum and action spectrum	LOCOMOTION & MOVEMENT	Types of movements and structure of skeletal muscle	Types of movements: Ciliary, protozoanlike crawling, Repulsive, muscular; Types of muscles and their structures. Muscle contraction-structure of contractile protein-actin, myosin, tropomyosin and troponin.
09/12/2024	TEST	LFTN-9	W15 (40%), W18 (40%), W1 to W17(20%)										
10/12/2024 TO 15/12/2024	39	General Organic Chemistry	Aromaticity	Aromatic, Anti-aromatic, Non-aromatic compounds	Thermal Properties Of Matter	Introduction, Heat & Temperature, Ideal gas equation, thermal expansion	Introduction, Temperature & Heat, measurement of temperature, Ideal gas equation & Absolute temperature, Thermal expansion.	Photosynthesis in Higher Plants	light reaction - Photoystems	What is light reaction?	LOCOMOTION & MOVEMENT	Mechanism of muscle contraction - I	Mechanism of muscle contraction-Sliding filament theory
	40	General Organic Chemistry	Isomerism Structural	Isomerism Structural Isomerism	Thermal Properties Of Matter	Specific heat capacity & Calorimetry	Specific heat capacity, Calorimetry, Change of state, latent heat	Photosynthesis in Higher Plants	Cyclic and non-cyclic photophosphorylation	Electron Transport System, Splitting of water, Cyclic and non-cyclic photophosphorylation	LOCOMOTION & MOVEMENT	Mechanism of muscle contraction - II	Role of calcium and regulatory proteins, role of ATP, various stages in cross bridge formation & break down, rest and active muscle fibres
17/12/2024 TO 22/12/2024	41	General Organic Chemistry	Tautomerism	Isomerism - Tautomerism	Thermal Properties Of Matter	Conduction, Convection	Heat transfer - Conduction, Convection	Photosynthesis in Higher Plants	Chemosynthetic theory	Chemosynthetic theory, WHERE ARE THE ATP AND NADPH USED?	LOCOMOTION & MOVEMENT	Axial skeleton- skull and vertebral column	Axial skeleton- Skull-crane bones, facial bones, Hyoid, Ear ossicles malleus, incus, stapes, Vertebral column-cervical, thoracic, lumbar, sacral, coccyx vertebrae
	42	General Organic Chemistry	Geometrical isomerism	Geometrical isomerism	Thermal Properties Of Matter	Radiation	Heat transfer - Radiation, Stefan's Law, Wien's law	Photosynthesis in Higher Plants	C3 cycle and C4 cycle	The Primary Acceptor of CO ₂ , The Calvin Cycle, C4 cycle	LOCOMOTION & MOVEMENT	Axial skeleton- Ribs	Ribs-vertebrae/Thoracic ribs, vertebrae/Thoracic ribs, ribs, vertebral/fracting ribs, rib cage, sternum
23/12/2024	TEST	LCTN-3	W17 to W20 (80%), W21 to W15 (20%)										
24/12/2024 TO 29/12/2024	43	General Organic Chemistry	Conformational isomerism	Conformational isomerism in ALKANE and Cyclohexane	Thermodynamics	Introduction, Zeroth law of thermodynamics, Heat, internal energy and work, First law of thermodynamics	Introduction, Thermal equilibrium, Zeroth law of thermodynamics, Heat, internal energy and work, First law of thermodynamics	Photosynthesis in Higher Plants	Factors affecting Photosynthesis	Photorespiration, Comparison between C3 & C4 plants, Factors affecting Photosynthesis	LOCOMOTION & MOVEMENT	Appendicular skeleton	Appendicular skeleton: Pectoral girdle, bones of upper limb (Humerus, radius, ulna, carpals, metacarpals and phalanges), pelvic girdle, bones of lower limb (Femur, patella, tibia, fibula, tarsals, metatarsals, phalanges)
	44	General Organic Chemistry	analysis method and determine the quantity	Purification of Organic compounds: Sublimation, Crystallisation, Distillation (of all types), Differential extraction and Chromatography in organic compounds	Thermodynamics	Specific heat capacity & equation of state	Specific heat capacity, Thermodynamic state variables & equation of state,	Respiration in Plants	Respiratory substrates	Introduction, Respiratory substrates, Do plant breath?	LOCOMOTION & MOVEMENT	Types of Joints Disorders of muscles	Human nervous system: Central and peripheral nervous system, neuron as structural and functional unit of nervous system, different types of neurons and their location, Nerve impulse, generation and its transmission, Resting membrane potential, spike potential, action potential, depolarization, repolarization, hyperpolarization.
29/12/2024			(WEDNESDAY) CHRISTMASDAY										
31/12/2024 TO 05/01/2025	45	General Organic Chemistry	analysis of elements in Organic compounds	Qualitative analysis of organic compounds: Detection of Carbon, Hydrogen, Nitrogen, Sulphur, Halogen and Phosphorus	Thermodynamics	Thermodynamic processes	Thermodynamic processes	Respiration in Plants	Glycolysis	Glycolysis (mechanism), Fermentation, Aerobic respiration-link reaction	NEURAL CONTROL & COORDINATION	Human neural system and nerve impulse generation and transmission	Human neural system: Central and peripheral nervous system, neuron as structural and functional unit of nervous system, different types of neurons and their location, Nerve impulse, generation and its transmission, Resting membrane potential, spike potential, action potential, depolarization, repolarization, hyperpolarization.
	46	General Organic Chemistry	analysis of elements in Organic compounds	Quantitative analysis of elements (Carbon, Hydrogen, Nitrogen, Sulphur, Halogen and Phosphorus) in organic compounds	Thermodynamics	Second law of thermodynamics, Reversible and irreversible process	Second law of thermodynamics, Reversible and irreversible process.	Respiration in Plants	TCA Cycle and Electron transport system	Tricarboxylic Acid Cycle, Electron transport system and oxidative phosphorylation	NEURAL CONTROL & COORDINATION	Types of Synapses	Synapses: Electrical and chemical, synaptic transmission, Neurotransmitters, excitatory and inhibitory.
01/01/2025			(WEDNESDAY) NEW YEAR										
06/01/2025	TEST	LFTN-10	W21 (40%), W22 (40%), W1 to W21 (20%)										
07/01/2025 TO 12/01/2025	47	Hydrocarbon	ALKANE	Preparation of ALKANE & Properties of ALKANE	Kinetic Theory Of Gases	Introduction and assumptions of KTG	Introduction, Molecular nature of matter, Behaviour of gases, Kinetic theory of an ideal gas.	Respiration in Plants	Respiratory balance sheet and R.Q. value	Respiratory balance sheet, Amphibolic pathways, Respiratory quotient	NEURAL CONTROL & COORDINATION	Structure of Brain	Structure of Brain: Meninges of Brain, Forebrain, cerebrum, thalamus, hypothalamus, brain system and their functions, and brain (corpus callosum and corpus cerebri), hind brain (cerebellum, pons, medulla) ventricles of brain and cerebrospinal fluid
	48	Hydrocarbon	Free radical Halogenation of Alkane Chemical & physical properties of alkane	Free radical Halogenation of alkane, physical properties of alkane, chemical properties of alkane	Kinetic Theory Of Gases	Law of equipartition of energy, Mean free path, average free path	Law of equipartition of energy, Mean free path, average free path	Plant Growth and Development	Growth rates	Plant Growth Generally is indeterminate, Growth is Measurable, Growth curve, growth rates - arithmetic growth and geometric growth, Absolute growth rate and relative growth rate	NEURAL CONTROL & COORDINATION	Spinal cord & Peripheral nervous system	Spinal cord & Peripheral nervous system: Cranial nerves, Spinal nerves, Autonomic nervous system-generally and its functions, somatic nervous system and their functions.
15/01/2025			PONGAL										
14/01/2025 TO 19/01/2025	49	Hydrocarbon	ALKENE	ALKENE Preparation & Physical properties of Alkene	SHM	Introduction and kinematics of SHM	Introduction, Periodic & oscillatory motions, Simple harmonic motion and uniform circular motion, Velocity and acceleration in simple harmonic motion	Plant Growth and Development	Condition for growth and Development	Differentiation, Dedifferentiation and Redifferentiation, Development - Definition, factors regulating it, plasticity	CHEMICAL COORDINATION AND INTEGRATION	Endocrine glands- hypothalamus and pituitary gland and its hormones	Endocrine glands and hormones: Human endocrine system: hypothalamus-releasing and inhibiting hormones, Pituitary gland: Anterior and posterior pituitary gland and its hormones
	50	Hydrocarbon	Electrophilic addition reactions of alkenes	Chemical properties of alkene (addition reaction)	SHM	Dynamics of SHM	Force law for simple harmonic motion, Energy in simple harmonic motion.	Plant Growth and Development	PLANT GROWTH REGULATORS Characteristics, Discovery	Plant Growth and Development: PLANT GROWTH REGULATORS Characteristics, The Discovery of Plant Growth Regulators.	CHEMICAL COORDINATION AND INTEGRATION	Disorders of hypothalamus and pituitary hormones	Disorders-Dwarfism, gigantism and acromegaly, diabetes insipidus.
20/01/2025	TEST	LFTN-11	W25 (40%), W24(40%), W1 to W23(20%)										
21/01/2025	51	Hydrocarbon	oxidation and ozonolysis of alkene	Chemical properties of alkene (oxidation and ozonolysis)	SHM	Examples of SHM	Some systems executing SHM, The simple pendulum	Plant Growth and Development	Auxin	PLANT GROWTH REGULATORS: Auxin	CHEMICAL COORDINATION AND INTEGRATION	Thyroid glands & its hormones and disorders	Thyroid: Structure, location, hormones and their functions, Disorders of thyroid gland-cretinism, myxedema and goiter, exophthalmic goiter
	52	Hydrocarbon	ALKYNE	ALKYNE: preparation, properties	Waves	Classifications of wave and wave speed	Introduction, Transverse & Longitudinal waves, Displacement relation in a progressive wave. The speed of a travelling wave.	Plant Growth and Development	Gibberellin	PLANT GROWTH REGULATORS: Gibberellins	CHEMICAL COORDINATION AND INTEGRATION	Parathyroid glands & its hormones and disorders	Parathyroid glands: Structure, location, hormone and mechanism of regulation of calcium homeostasis, disorders.
26/01/2025			(SUNDAY) REPUBLIC DAY										
28/01/2025 TO 02/02/2025	53	Hydrocarbon	Benzene	Benzene (Preparation, chemical properties)	Waves	Superposition, Reflection & Interference of waves	The principle of superposition of waves, Reflection of waves, interference.	Plant Growth and Development	Cytokinin	PLANT GROWTH REGULATORS: Cytokinin	CHEMICAL COORDINATION AND INTEGRATION	Adrenaline glands- Adrenal, Pineal, Thyroid and Pancreas and its hormones and disorders	Adrenal: Structure, location, hormones and their functions, disorders- Addison's disease, Pheal and its hormone, Thyroid and its hormone. Pancreas: structure, location, hormone and its principal actions and disorder- hypoglycemia, diabetes mellitus.
	54	Hydrocarbon	Electrophilic substitution reaction of Benzene	Benzene (chemical properties), Electrophilic substitution reaction	Waves	Stationary Waves	Stationary Waves(Vibrated Strings), Stationary Waves(Organ Pipes), Beats	Plant Growth and Development	Ethylene, abscisic acid	PLANT GROWTH REGULATORS: Ethylene, abscisic acid	CHEMICAL COORDINATION AND INTEGRATION	Mechanism of hormone action and role of hormones	Gonads: (Ovary and testis) structure, location, hormones, hormones of heart, kidney and gastrointestinal tract. Mechanism of hormone action (protein and steroid hormone) role of hormones as messengers: Regulation of gonadotropin and gonadotropin effects.
03/02/2025	TEST	GTN-1	COMPLETE XI SYLLABUS										