

**CLASS X LIVE MICRO-SCHEDULE 2024 - 25**

TERM -1

			PHYSICS			CHEMISTRY			BIOLOGY			MATHEMATICS			MAT		
S.NO	DATE	DAY	Chapter Name	Class Title	Subtopic	Chapter Name	Class Title	Subtopic	Chapter Name	Class Title	Subtopic	Chapter Name	Class Title	Subtopic	Chapter Name	Class Title	Subtopic
1	9TH JULY 2024 TO 14TH JULY 2024	W1	REFLECTION OF LIGHT	Fundamentals of Light: Properties, Propagation, and Reflection"	Introduction, Properties of Light, Propagation of Light, Terms Related to light, Reflection of Light, Basic Terms of Reflection, Types of Reflection, Laws of Reflection.	CHEMICAL REACTIONS AND EQUATIONS	Chemical Reactions and Equations: Fundamentals	Introduction, Chemical Reaction, Chemical Equation (Essentials of chemical equation, Steps for writing a chemical equation)	LIFE PROCESSES	Nutrition in Plants	Introduction, Nutrition, Mode of Nutrition, Autotrophic Nutrition, Mechanism of Photosynthesis in detail,Heterotrophic Nutrition,How do Organisms Obtain their Nutrition.	POLYNOMIAL	Types of Polynomials	Introduction to Polynomials, Types of polynomials, Degree of the polynomial, Zeroes of the polynomial, Geometrical meaning of zeroes of a polynomial Relationship between zeroes and coefficients of quadratic polynomial, Problems discussion	CALENDAR	Concept of odd days	Introduction, Points to remember, Types of Calendar Reasoning Questions: Counting Odd Days, Odd Days for Week Days, Odd Days for Month in a Year, With Reference Date, Without Reference Date, Repetition of Calendar Year
2	16TH JULY 2024 TO 21ST JULY 2024	W2	REFLECTION OF LIGHT	Image Formation by Plane Mirror	Plane Mirrors Image Formed by Plane Mirror, Properties of Image formed, No. of Images and Uses of Plane Mirror.	CHEMICAL REACTIONS AND EQUATIONS	Balancing and Types of Chemical Reaction	Balancing of chemical equation, Characteristics of a chemical reaction, Types of a Chemical Reaction (Combination reaction), Decomposition reaction (Thermal decomposition reaction, Photochemical decomposition reaction), Electrolytic decomposition reaction).	LIFE PROCESSES	Nutrition in Animals	Human Alimentary Canal ,Nutrition in Human Beings( Alimentary Canal) Functions of Digestive System, Digestive Glands & the Functions of Digestive Enzymes(Salivary glands, Gastric glands, Liver,Pancreas, Intestinal Glands), Absorption, Assimilation, Egestion, Digestive organs and enzymes.	POLYNOMIAL	Quadratic Equation	Roots of Quadratic Equation ,Methods for solving quadratic equation, Factorization, Quadratic formula, Discriminant ,Nature of Roots of Quadratic equations, Procedure to solve word problems, Exercise 1A ,1B 2	CODING DECODING	Cracking the Code	Introduction, Why learn Coding-Decoding and Reasoning, Types of Coding and Decoding: Letter Coding, Number/Symbol Coding, Substitution Coding, Mixed Number And Letter Coding,Jumbled Coding
3	23RD JULY 2024 TO 28TH JULY 2024	W3	REFLECTION OF LIGHT	Image Formation by Plane Mirror	Spherical Mirrors, Terms Related to Spherical Mirror, Reflection at Spherical Mirrors(Laws of Image Formation), Image Formation by a Concave Mirror, Image Formation by a Convex Mirror Spherical Mirrors (Sign Convention for Reflection by Spherical Mirrors,	CHEMICAL REACTIONS AND EQUATIONS	Types of Chemical Reaction	Displacement reaction, Double displacement reaction, Precipitation reaction, Neutralisation reaction ,	LIFE PROCESSES	Respiration	Respiration, Introduction, Types of Respiration, Respiration in Plants, Respiration in Animals,Human Respiratory System, Mechanism of Breathing	REAL NUMBERS	Rational and Irrational Number	Fundamental theorem of arithmetic, Irrational Numbers, Problems discussion Rational Numbers, Irrational numbers Exercise 1A ,1B 2	VERBAL SERIES	Sequence of Series	Introduction, Types of Series : Number Series, Letter Series,
4	30TH JULY 2024 TO 4TH AUGUST 2024	W4	REFLECTION OF LIGHT	Mirror Formula and Magnification	Mirror Formula, Magnification,)Magnification Produced by a Mirror in terms of u, v and f, Nature and position of image for a Spherical Mirror, Uses of Spherical Mirrors	CHEMICAL REACTIONS AND EQUATIONS	Types of Chemical Reaction	Oxidation and Reduction reactions: Classical concept, Modern Concept, Redox Reaction	LIFE PROCESSES	Transportation	Transportation in Animals, ,Transportaion in Humans, Maintenance by platelets, Blood Grouping, Blood Vessels,	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	Consistent and Inconsistent System of Simultaneous Equations	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES Introduction, System of Linear Equations, Geometrical Representation of a pair of linear equation, Inconsistent System of Linear Equations, Homogenous system of Linear Equation and Graphical Representation	DIRECTION SENSE TEST	Direction & Sub direction	Introduction
4TH AUGUST -CPT-01 (SYLLABUS-W1 TO W3)																	
5	6TH AUGUST 2024 TO 11TH AUGUST 2024	W5	REFRACTION OF LIGHT	Fundamentals of Refraction	Introduction, Causes of Refraction, Laws of Refraction, Absolute and Relative Refractive Index, Simple Effects of Refraction.	CHEMICAL REACTIONS AND EQUATIONS	Effects of Oxidation	Effects of oxidation in Everyday Life- Corrosion, Methods to prevent Corrosion, Rancidity, Combustion reaction, Respiration.	LIFE PROCESSES	Human Circulatory System	Human Circulatory System, Human Heart, Heart Sound, Heart Beat, Blood Pressure, Lymphatic System.	PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	Different Methods to Find the Solution	Algebraic Method. Application of Practical Problems: Problems based on Articles and their costs Quantities, Problems related to age, Problems related to numbers, Problems related to water streams and Boats, Problems related to Fractions. Exercise 1A ,1B 2	NUMBER RANKING AND TIME SEQUENCE	Order of Operations	Introduction, Types of Questions: Number Test, Ranking test, Time Sequence Test,
6	13TH AUGUST 2024 TO 18TH AUGUST 2024	W6	REFRACTION OF LIGHT	Refraction Through Glass Slabs	Refraction Through a Rectangular Glass Slab , Principle of Reversibility of light,Real and Apparent Depth, Lateral Displacement, Application of Refraction of light,	ACID-BASES AND SALTS	Introduction to Acids and Classification	Introduction, Acids , Classification of Acids (Depending on strength, sources, concentration), Classification of Acids (Depending on molecular composition, basicity).	LIFE PROCESSES	Excretion in Animals and Plants	Excretion, Excretion in Animals, Excretion in Human Beings, Nephron, Mechanism of Excretion, Micturition, Hormones regulating urine Volume, Artificial Kidney, Excretion in Plants.	ARITHMETIC PROGRESSIONS	Sequence and Series	ARITHMETIC PROGRESSIONS Introduction, Sequence, Arithmetic Progressions, General term of Arithmetic Progression, To find the m th term from the end of the A.P., Middle Term of a Finite A.P., Arithmetic Mean Between Two numbers, Selection of Terms in an A.P. Sum of First n Terms of an A.P., Application of Arithmetic progressions Exercise 1A ,1B 2	BLOOD RELATIONS	Family tree	Introduction, Family tree
7	20TH AUGUST 2024 TO 25TH AUGUST 2024	W7	REFRACTION OF LIGHT	Image Formation by Spherical Lenses	Spherical Lenses(Refraction by Spherical Lenses, Rules of Image Formation by Spherical Lenses )Spherical Lenses( Sign Convention, Lens Formula and magnification) Magnification Produced by a Lens(In terms of u, v and f)	ACID-BASES AND SALTS	Properties of Acids	Properties of Acids-Physical Properties, Chemical Properties of acids,	CONTROL AND CO-ORDINATION	Plant Hormones and Details of Neurons	Introduction, Plant Hormones, Plant Movements, Control and Coordination in Animals, Nervous System(Neuron, Conduction of Nerve Impulse)Nerves, Generation and Conduction of Nerve Impulse, Synapse and Neuromuscular Junction,Receptors	TRIANGLE	Similarity of Two Triangles	TRIANGLES Introduction, Similar figures, Similar polygons, theorems Related to Criteria of similarity of Similar Triangles,i) AAA similarity ii) SSS Similarity iii) SAS Similarity Basic Proportionality Theorem and its converse, Problems on BPT	BLOOD RELATIONS	Family tree	Types of Questions on Blood Relation: Dialogue/ Conversation Based, Based on Puzzles, Coding-Decoding
HOLIDAY:INDEPENDENCE DAY (15TH AUGUST 2024)																	
25TH AUGUST - CPT -02 (SYLLABUS-W4 TO W6)																	
HOLIDAY: RAKSHA BANDHAN (19TH AUGUST 2024)																	
8	27TH AUGUST 2024 TO 1ST SEPT 2024	W8	REFRACTION OF LIGHT	Applications of Spherical Lenses	Spherical Lenses(Power of a Lens,Images Formation by Convex and Concave Lenses), Application in Daily Life	ACID-BASES AND SALTS	Introduction to Bases and its Properties	Bases- Classification of Bases, Physical properties bases, Chemical Properties of Base, Uses of Acids and Bases.	CONTROL AND CO-ORDINATION	Human Nervous System	Human Nervous System, Reflex Action,Necessity of Reflex Action Mechanism of Reflex Action, Why Reflex Arcs have evolved in Animals?,Types of reflex action Human Nervous System(Central Nervous System, Peripheral Nervous System), Protection of central nervous system,Human Nervous System(Structure of brain and spinal cord)	TRIANGLE	Theorems Related to Areas of Similar Triangles	Theorems related to Areas of similar Triangles i) Pythagoras Theorem ii) Converse of Pythagoras Theorem, Internal Angle Bisector, Properties of Medians and Apollonius Theorem Exercise 1A,1B,2	CLOCKS	Time & Angle	Introduction, Structure of a Clock, Speed of the Hands: Speed of Minute Hand, The Speed Of An Hour Hand, Comparison of speed of Hands, Some facts about Clock, Types of Clock reasoing: Angle Based Clock, Reflection of Clock, Defective Clock,
1ST SEPTEMBER -FST -01 (SCIENCE) (SYLLABUS-W1 TO W7)																	

9	3RD SEPT 2024 TO 8TH SEPT 2024	W9	THE HUMAN EYE AND COLOURFUL WORLD	Introduction to the Human Eye and its Functions	Introduction, The Human Eye( Parts of the Human Eye, Working of Ciliary Muscles, Power of Accommodation ),	ACID-BASES AND SALTS	Neutralization Reaction and Indicators	Reactivity of Acids and Bases, Uses of Neutralization, Indicators, Types of Indicators, pH scale, Universal Indicator	CONTROL AND CO-ORDINATION	Endocrine System in Humans	Endocrine System, Hormones in Animals, General Properties of Hormones, Hypothalamus, Pituitary Gland Detailing of pituitary hormones and glands, Thyroid Gland, Parathyroid Gland, Thymus Gland, Pineal gland, Adrenal gland, Gonads, Feedback System.	Coordinate Geometry	Foundations and Applications of Coordinate Geometry	CO-ORDINATE GEOMETRY Introduction, Distance Formula, Application of Distance formula, Section formula, Coordinates of the Mid Point, centroid of Triangle Exercise 1A,1B,2	INSERTING THE MISSING CHARACTER	The Missing Piece	Introduction, Different kind of Problems: Magic Circle Problem, Magic Square, Miscellaneous
8TH SEPTEMBER -FST -02 (MATHEMATICS) (SYLLABUS-W1 TO W8)																	
10	10TH SEPT 2024 TO 15TH SEPT 2024	W10	THE HUMAN EYE AND COLOURFUL WORLD	Vision Defects and Prism Refraction	Defects of Vision, Refraction of Light Through a Prism , Angle of prism, Factors affecting angle of prism, Angle of deviation, Condition for minimum deviation, Numericals CPT- 4 REVISION	ACID-BASES AND SALTS	Importance of pH and Classification of Salts	Importance of pH in Everyday Life, Salts- Classification of Salts (Formation), Classification of Salt Solutions( Based on pH value), Solubility and Family of salts.	HOW DO ORGANISMS REPRODUCE?	Asexual Reproduction in Plants	Introduction, Modes of reproduction- Asexual reproduction in Animals, Vegetative propagation in Plants, Tissue Culture.	TRIGONOMETRY	Fundamentals of Trigonometry	INTRODUCTION TO TRIGONOMETRY Introduction, Angle, Trigonometric ratios, Relation between different T-ratios, Reciprocal relations, Quotient relations, Trigonometric Ratios of Some Standard Angle. Trigonometric Identities,	SYLLOGISM REASONING	Logical Connections	Introduction, Logical Venn Diagram, Statement Conclusion
COMMERCIAL MATHS																	
11	17TH SEPT 2024 TO 22ND SEPT 2024	W11	THE HUMAN EYE AND COLOURFUL WORLD	Light Dispersion and Recombination	Dispersion of White Light by Glass Prism, Recombination of the Spectrum of white light, Atmospheric Refraction of Light,	ACID-BASES AND SALTS	Some Important Salts	More about salts (Some Important Salts)- NaCl, Chlor-Alkali Process, Washing Soda (Sodium Carbonate), Baking Soda (Sodium Bicarbonate),	HOW DO ORGANISMS REPRODUCE?	Sexual Reproduction in Plants and Humans	Sexual Reproduction in Flowering Plants, Pollination, Fertilization in plants, Reproduction in Human Beings- Male Reproductive System	TRIGONOMETRY	Problems	Elimination of 'θ', Exercise 1A,1B,2 SOME APPLICATION OF TRIGONOMETRY Introduction, Basic concepts, Line of sight, Angle of elevation,	NON VERBAL REASONING -1	Visual figure	Introduction, Non Verbal Series, Embedded Figure, Non Verbal Analogy, Non Verbal Classification,
12	24TH SEPT 2024 TO 29TH SEPT 2024	W12	THE HUMAN EYE AND COLOURFUL WORLD	Tyndall Effect	Scattering of Light , Tyndall Effect, Assignment	ACID-BASES AND SALTS	Some Important Salts	Bleaching Powder (Calcium oxychloride), Plaster of Paris ( Calcium Sulphate Hemihydrate), Water of Crystallisation. Assignment.	HOW DO ORGANISMS REPRODUCE?	Sexual Reproduction in Humans	Female Reproductive System, Gametogenesis, Fertilisation, Placenta, Reproductive Health- STDs, Methods of Population Control,	Applications of Trigonometry	Allimination and Depression	Angle of depression, Problems on heights and distance (Advanced Problems) Exercise 1A,1B,2	COMMERCIAL MATHS-1	Quantitative Maths	Introduction, Percentage: Expressing X% as A Fraction, Expressing Decimal as a Percentage, Percentage Increase or Decrease, Multiplicative Factors, Successive Percentage Changes, Profit & Loss: Cost Price, Selling Price, Profit, Loss, Overheads, Discount, Successive Discounts, Interest: Simple Interest, Compound Interest, Compounding more than Once a Year.
25TH SEPTEMBER 2024 -TERM TEST-01 (SCIENCE) (TILL W NO. 10)																	
29TH SEPTEMBER 2024 -TERM TEST-02 (MATHEMATICS) (TILL W NO. 10)																	
TERM-2																	
14	1ST OCT 2024 TO 6TH OCT 2024	W14	ELECTRICITY	Fundamentals of Electricity and Electric Fields	Electric Charge( Properties of Electric Charge ), Conductors and Insulators, Electric Current Coulomb's Law, Electric Field and Electric Field Intensity, Electric Lines of Force or Electric Field Lines	METAL AND NON METAL	Occurrence and Properties of Metals	Metals, Occurrence of metals, Physical properties of metals Chemical properties of metals (Reaction of metals with oxygen, Reaction of metals with water, Reaction of metals with dilute acids), Activity series of metals, Characteristics regarding activity series of metals	HEREDITY	Introduction to Genetics	Variations (Accumulation of variations during reproduction), Types of variations (Somatic variations, Germinal variations), Sources of genetic variations, Heredity (Inherited traits, Basis of heredity), Genetic terminology	CIRCLES	Circles and its properties	CIRCLES Introduction, A circle and a line in a plane, Tangent as a limiting case of secant, Tangent and radius through point of contact, Theorem: A tangent to a circle is perpendicular to the radius at the point of contact (and its converse) Theorem: The lengths of two tangents drawn from an external point to a circle are equal, Theorem: If two tangents are drawn to a circle from an external point, then (They subtend equal angles at the centre, They are equally inclined to the line segment joining the centre to that point) ASSIGNMENT LEVEL-1 & 2	CUBES AND DICE	3D Mathematics	
HOLIDAY: MAHATMA GANDHI JAYANTI (2ND OCTOBER 2024)																	
15	8TH OCT 2024 TO 13TH OCT 2024	W15															BRANCH ACTIVITIES
HOLIDAY: DUSSEHRA (10TH OCTOBER 2024 TO 12TH OCTOBER 2024)																	
16	15TH OCT 2024 TO 20TH OCT 2024	W16	ELECTRICITY	Electric potential and Ohm's Law	Electric Potential and Potential Difference, Flow of Charge Ohm's Law (Resistance and Resistivity), Numericals	METAL AND NON METAL	Occurrence and Properties Of Non-Metal	Reaction of metals with salt solution, Reaction of metals with chlorine, Reaction of metals with hydrogen, Uses of metals Non-Metals, Occurrence of non-metals, Physical properties of non-metals, Chemical properties of non-metals (Reaction of non-metals with oxygen, Reaction of non-metals with water, Reaction of non-metals with dilute acids, Reaction of non-metals with salt solutions, Reaction of non-metals with chlorine, Reaction of non-metals with hydrogen), Uses of non-metals, Comparative study of Metals and Non-metals	HEREDITY	Mendel and His Experiments	Centre of heredity in cell, Homologous chromosomes, Father of genetics, Why Mendel selected pea plant for his experiments?, Reason behind Mendel's success	CIRCLES	Chord, Tangent, Secant of circle	Properties of intersecting chords, Angles made by a tangent and a chord, Alternate segment theorem, Theorem: If a chord and a tangent intersect externally, then the product of the lengths of the segments of the chord is equal to the square of the length of the tangent from the point of contact to the point of intersection Ptolemy's Theorem ASSIGNMENT LEVEL-1 & 2	CUBES AND DICE	3D Mathematics	
17	22ND OCT 2024 TO 27TH OCT 2024	W17	ELECTRICITY	EMF and Resistor Combinations	Electrical Circuits, Electric Symbols, Electromotive Force and Terminal Voltage, Internal resistance, Numericals Combination of Resistors (Series and Parallel), Advantages of Parallel Combination Over Series Combination, Numericals	METAL AND NON METAL	Chemical Bonds and Bond Characteristics	Interaction in Metals and Non-Metals, Chemical bond, Causes of chemical bond formation (Types of chemical bonds), Ionic Bond (Examples of ionic bond, Nature and structure of ionic compounds, Characteristics of ionic compounds Covalent Bond, Types of Covalent Bond, Characteristics of Covalent Compounds, Octet formation, Comparative Study of Properties of Ionic and Covalent Compounds, co-ordinate covalent compound	HEREDITY	Laws of Heredity	Mendel's experimental techniques, Punnett square, Monohybrid cross, Mendel's first three postulates	AREAS RELATED TO CIRCLES	Sector and Segment	AREAS RELATED TO CIRCLES Introduction, Perimeter and area of a circle: Brief review, Area of a circular ring, Perimeter and area of a semicircle, Perimeter and area of a quadrant of a circle Areas of parts of a circle, Sector Segment			
27TH OCTOBER 2024 - CPT - 4- (SYLLABUS .W14 TO W16)																	
18	29TH OCT 2024 TO 3RD NOV 2024	W18															BRANCH ACTIVITIES
HOLIDAY: DIWALI/GOVARDHAN PUJA/BHAI DUJ (30TH OCTOBER 2024 TO 3RD NOVEMBER 2024)																	

19	5TH NOV 2024 TO 10TH NOV 2024	W19	ELECTRICITY	Heating effect of electric current	Common Measuring Instruments, Joule's Heating Effect of Current	METAL AND NON METAL	Metals in Nature, Ores, Metallurgy	Metals in Nature, Ores, Metallurgy : Extraction of metals, Extraction of various metals according to their reactivity ( Mining, sizing and Concentration of ores ) ,More About Metallurgy(Mining, sizing and Concentration of ores) Oxidation of ore into oxide ore, Reduction of oxide ore into metal , Refining+A37:H40	OUR ENVIRONMENT	Ecosystem Structure	The concept of ecosystem(Definition of Ecosystem, Types of Ecosystem,Components of ecosystem- abiotic and biotic(Upto consumers))	AREA RELATED TO CIRCLE	Circumscribed and inscribed circle of a regular polygon	Area of regular polygon, Circumference and area of circumscribed and inscribed circles of an equilateral triangle, Circumference and area of circumscribed and inscribed circles of a regular hexagon Area of sector when length of arc and radius is given, Areas of circles touch internally and externally Areas of combination of plane figures				REVISION
10TH NOVEMBER 2024 -FST - 3 (MATHEMATICS) (SYLLABUS S. NO. W14 TO W17)																		
20	12TH NOV 2024 TO 17TH NOV 2024	W20	ELECTRICITY	Heating effect of electric current	Practical Applications of the Heating Effect of Electric Current, Numericals Special Cases for Electrical Power, Numericals	METAL AND NON METAL	Alloys & Corrosion	Alloys , Corrosion ASSIGNMENT LEVEL-1 & 2	OUR ENVIRONMENT	Components of Ecosystem	Types of ecosystem, Components of Ecosystem,Decomposers and their role,Food chain(Characteristics of food chain)	SURFACE AREA AND VOLUME	Area and Perimeter of solid figure	ASSIGNMENT LEVEL-1 & 2 SURFACE AREA AND VOLUME Surface area and volume of combination of solids Brief review:, Cuboid, Cube, Solid cylinder, Hollow cylinder, Cone, Solid sphere, Spherical shell, Hemisphere, Hemispherical shell (Problem Discussion)	COUNTING OF FIGURES	Shape Enumeration		
21	19TH NOV 2024 TO 24TH NOV 2024	W21	MAGNETIC EFFECT OF CURRENT	Magnetic Field: Units and Properties	ASSIGNMENT LEVEL-1 & 2 Magnetic Field and Its Unit, Magnetic Field Lines and Its Properties	CARBON AND ITS COMPOUND	Introduction and Allotropes of Carbon	Introduction, Occurrence, Allotropes of Carbon - Diamond (Structure of diamond, Physical properties, Uses), Graphite (Structure of graphite, Physical properties, Uses of graphite), Fullerenes (Structure of Fullerenes, Physical properties, Uses of fullerenes)	OUR ENVIRONMENT	Food Chain and Food Web	Significance of food chain,Trophic levels,Food Web,Types of Food chain	SURFACE AREA AND VOLUME	Pyramid	When a small cone is cut off at the top by a plane parallel to its base, Right Pyramid, LSA of Pyramid TSA of Pyramid, Volume of Pyramid, Problem Discussion ASSIGNMENT LEVEL-1 & 2	COMMERCIAL MATHS-2	Quantitative Methods		
24TH NOVEMBER 2024 -CPT - 5- (SYLLABUS W17 TO W20)																		
22	26TH NOV 2024 TO 1ST DEC 2024	W22	MAGNETIC EFFECT OF CURRENT	Magnetic Effects of Current	Magnetic Effects of Current ( Long Straight Current Carrying Wire, Right Hand Thumb Rule)Magnetic Field due to various current carrying conductors( Long Straight Current Carrying Wire)	CARBON AND ITS COMPOUND	Versatility of Carbon and Hydrocarbons	Bonding of carbon with itself, Bonding of carbon with other atom, Organic Chemistry(Introduction), Reasons for Large Number of Organic Compounds (Catenation, Tetravalency, Tendency to form multiple bonds, Isomerism) Hydrocarbons (Introduction, Acyclic or open chain compounds (Saturated hydrocarbon (Alkanes), Unsaturated hydrocarbons(alkenes and alkynes)), Cyclic or closed chain or ring compounds), Isomerism (types of structural isomer - chain isomers)	OUR ENVIRONMENT	Energy Flow	Flow of energy in an ecosystem, Ten percent law, Biomagnification, Energy Flow in Ecosystem, Ecological pyramids	STATISTICS	Mean, Median and Mode	STATISTICS Introduction, Mean, Mean of a grouped data, Direct method, Assumed mean method Step deviation method (Problems discussion) Mode, Mode of grouped data, Problems discussion				REVISION
1ST DECEMBER 2024 -FST-04- (SCIENCE) (SYLLABUS W 14 TO W 20 )																		
23	3RD DEC 2024 TO 8TH DEC 2024	W23	MAGNETIC EFFECT OF CURRENT	Magnetic Effects of Current	Magnetic Effects of Current ( Circular Coil Carrying Current, Long Solenoid , Electromagnet ) Magnetic Field Due to Various Current Carrying Conductors(Circular Coil Carrying Current, Long Solenoid)	CARBON AND ITS COMPOUND	Structure, Nomenclature and Functional group	Type of structural isomer, Position isomerism, Functional group isomerism, Metamerism (Classification of carbon),Functional Groups, The Homologous Series and its Characteristics IUPAC Nomenclature of Organic Compounds ( Nomenclature of straight chain hydrocarbon, Nomenclature of organic compounds having functional group) IUPAC nomenclature (Nomenclature of branched chain hydrocarbons), Rules for nomenclature of hydrocarbons (Longest chain rule, Lowest set or lowest sum rule, Examples of naming hydrocarbons), Nomenclature of Organic Compounds having Functional Group (Carboxylic acids, Esters, Aldehydes, Ketones, Alcohols), Miscellaneous examples, Bond Line Notations of Organic Compounds			REVISION	STATISTICS	Merits and Demerits	Median, Median of grouped data, Problems discussion Arithmetic mean, Deviation about mean, Merits and demerits of mean mode, median, Relative characteristics of mean, median and mode, Weighted arithmetic mean, Combined mean ASSIGNMENT LEVEL-1 & 2				
24	10TH DEC 2024 TO 15TH DEC 2024	W24	MAGNETIC EFFECT OF CURRENT	Magnetic Forces and Interactions	Force on a Moving Charge in a Magnetic Field,Motion of Charged Particle in a Magnetic Field, Numericals Force on a Current Carrying Conductor Placed in a Magnetic Field, Fleming's Left Hand Rule Force on a Current Carrying Conductor Placed in a Magnetic Field, Force Between Two Parallel Current Carrying Wires, Numericals REVISION	CARBON AND ITS COMPOUND	Types of Chemical Reactions & Some Important Compounds	Types of Chemical Reactions in Organic Compounds (Combustion, Oxidation, Addition reaction, Substitution reaction),Types of Chemical Reactions in Organic Compounds, Elimination reaction, Polymerization reaction), Hybridization Some important Organic Compounds, Ethyl Alcohol or Ethanol, Preparation , properties and uses),Ethanoic Acid (Preparation, Properties and uses) REVISION			REVISION	PROBABILITY	Random Outcomes	PROBABILITY Introduction, Probability: A theoretical approach, Definitions of various terms related to probability, Experiment, Random experiment, Trial, Outcomes, Sample space, Event, Elementary event, Compound event, Occurrence of an event, Equally likely outcomes of a random experiment, Complementary event Relation between P(A) and P(not A), Problems related to Playing Cards Mutually Exclusive Events, Honour Cards, Odd of an Event, Problem Discussion			REVISION	
15TH DECEMBER 2024 -CPT - 6- (SYLLABUS W 21 TO W23)																		
25	17TH DEC 2024 TO 22ND DEC 2024	W25	MAGNETIC EFFECT OF CURRENT	Electromagnetic Induction and Household Electric Circuits	Electromagnetic Induction, Electromagnetic Induction in Various Situations, Fleming's Right Hand Rule, Faraday's Law of Electromagnetic Induction, Lenz's law Household Electric Circuit, Domestic Wiring ,Electrical Problems, Advantages of AC Over DC	CARBON AND ITS COMPOUND	Ethanoic Acid and Cleansing Action of Soap/Detergents	Ethanoic Acid (Preparation, Properties and uses)Soaps and Detergents(Cleansing agents) Advantages of detergents over soap for Washing Purposes, Disadvantages of detergents over soaps - detergent pollution			REVISION			ASSIGNMENT LEVEL-1 & 2 REVISION				
26	24TH DEC 2024 TO 29TH DEC 2024	W26	MAGNETIC EFFECT OF CURRENT	Assignment	ASSIGNMENT LEVEL-1 & 2 REVISION	CARBON AND ITS COMPOUND	Assignment Discussion	ASSIGNMENT LEVEL-1 & 2 REVISION			REVISION			REVISION				
HOLIDAY: CHRISTMAS (25TH DECEMBER 2024)																		
29TH DECEMBER 2024 -CPT - 7- (COMPLETE SYLLABUS TERM II)																		
REVISION SCHEDULE																		
27	31ST DEC 2024 TO 5TH JAN 2025	W27			REVISION			REVISION			REVISION			REVISION				
Holiday: NEW YEAR (1ST JANUARY 2025)																		
5TH JANUARY 2025 (TERM TEST -03 SCIENCE) (COMPLETE SYLLABUS TERM II)																		

28	7TH JAN 2025 TO 12TH JAN 2025	W28			REVISION				REVISION				REVISION				REVISION		
12TH JANUARY 2025 (TERM TEST - 04 MATHEMATICS) (COMPLETE SYLLABUS TERM II )																			
29	14TH JAN 2025 TO 19TH JAN 2025	W29			REVISION				REVISION				REVISION				REVISION		
19TH JANUARY 2025 (MOCK TEST (MT) - 01 - SCIENCE) (COMPLETE SYLLABUS)																			
30	21ST JAN 2025 TO 26TH JAN 2025	W30			REVISION				REVISION				REVISION				REVISION		
25TH JANUARY 2025 (MOCK TEST(MT) -02 MATHEMATICS) (COMPLETE SYLLABUS)																			
HOLIDAY:REPUBLIC DAY (26TH JANUARY 2025)																			
31	28TH JAN 2025 TO 2ND FEB 2025	W31			REVISION				REVISION				REVISION				REVISION		
2ND FEBRUARY 2025 (MOCK TEST (MT) - 03 SCIENCE) (COMPLETE SYLLABUS )																			
9TH FEBRUARY 2024 (MOCK TEST (MT) -04 MATHEMATICS) (COMPLETE SYLLABUS )																			