FIITJEE - KUKATPALLY/MIYAPUR
PINNACLE FIRST YEAR - MICRO SCHEDULE 2024-25

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
		Chapter Name	Concept	Chapter Name	Concept	Chapter Name	Concept
03-Jun-24	MONDAY	Logarithms	Definition and properties of log	Vectors	Definition of vector, types of vectors, triangle law of addition	Mole Concept & Stoichiometry	Concentration terms
04-Jun-24	TUESDAY	Logarithms	Log inequalities	Vectors	Parallelogram law of addition of vectors	Mole Concept & Stoichiometry	Concentration terms
05-Jun-24	WEDNESDAY	Modulus	Modulus and its properties	Vectors	Problems on Parallelogram law of addition of vectors	Mole Concept & Stoichiometry	Calculation of oxidation numbers; variable oxidation states of transition elements
06-Jun-24	THURSDAY	Wavy Curve	Wavy Curve	Vectors	Perpendicular components of a vector, 3 dimension components	Mole Concept & Stoichiometry	Practice based on calculation of oxidation number, Balancing of redox reactions (oxidation number method)
07-Jun-24	FRIDAY	Wavy Curve	Wavy Curve	Vectors	Dot product of vectors	Mole Concept & Stoichiometry	Balancing of redox reactions (Ion Electron method)
08-Jun-24	SATURDAY	Wavy Curve	Wavy Curve	Vectors	Cross product of vectors	Mole Concept & Stoichiometry	Balancing of redox reactions (Ion Electron method)
09-Jun-24	SUNDAY						
10-Jun-24	MONDAY	Trigonometric Ratios upto Transformations	Measurement of an angle, Basic Definitions and Identities, Trigonometric Ratios of an angle between 0 to 360	Vectors	Problems on above topics	Mole Concept & Stoichiometry	Equivalent concept, law of chemical equivalence, n-factor
11-Jun-24	TUESDAY	Trigonometric Ratios upto Transformations	Trigonometric Ratios of an angle between 0 to 360, Ranges of T-ratios	Differentiation	Differential Calculus	Mole Concept & Stoichiometry	Equivalent concept, law of chemical equivalence, n-factor
12-Jun-24	WEDNESDAY	Trigonometric Ratios upto Transformations	Complimentary Angles, Supplementary Angles, T-Ratios for Allied angles	Differentiation	Differential Calculus	Mole Concept & Stoichiometry	Calculation of Equivalent Weight and number of equivalents in a given weight
13-Jun-24	THURSDAY	Trigonometric Ratios upto Transformations	Complimentary Angles, Supplementary Angles, T-Ratios for Allied angles	Differentiation	Maxima and Minima	Mole Concept & Stoichiometry	Calculation of Equivalent Weight and number of equivalents in a given weight
14-Jun-24	FRIDAY	Trigonometric Ratios upto Transformations	Compound Angles	Differentiation	Maxima and Minima	Mole Concept & Stoichiometry	Normality and numericals on normality, Laws of Chemical combinations (IPE only)
15-Jun-24	SATURDAY	EXAM					
16-Jun-24	SUNDAY						
17-Jun-24	MONDAY	Trigonometric Ratios upto Transformations	Compound Angles	Integration	Integral Calculus (indefinite)	Atomic Structure	Basics of Atomic Structure
18-Jun-24	TUESDAY	Trigonometric Ratios upto Transformations	Compound Angles	Integration	Integral Calculus (definite)	Atomic Structure	Rutherford model of an atom, Rutherford model - calculation of distance of closest approach
19-Jun-24	WEDNESDAY	Trigonometric Ratios upto Transformations	Multiple and Sub-Multiple Angles	Error Analysis	Error Analysis	Atomic Structure	EM radiation, Planck's quantum theory of radiation
20-Jun-24	THURSDAY	Trigonometric Ratios upto Transformations	Multiple and Sub-Multiple Angles	Error Analysis	Error Analysis	Atomic Structure	Photoelectric effect and Numericals
21-Jun-24	FRIDAY	Trigonometric Ratios upto Transformations	Multiple and Sub-Multiple Angles	Error Analysis	Significant figures	Atomic Structure	Bohr's theory and derivation of expression for radius, energy
22-Jun-24	SATURDAY	EXAM					
23-Jun-24	SUNDAY						

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24-Jun-24	MONDAY	Trigonometric Ratios upto Transformations	Transformations	Error Analysis	Significant figures	Atomic Structure	Derivation of expression - velocity, orbital frequency
25-Jun-24	TUESDAY	Trigonometric Ratios upto Transformations	Transformations	Kinematics	Kinematics 1D, distance, displacement, Average velocity	Atomic Structure	Problems on Bohr's theory
26-Jun-24	WEDNESDAY	Trigonometric Ratios upto Transformations	Conditional Identities	Kinematics	Uniform acceleration Motion	Atomic Structure	Drawbacks of Bohr's spectrum, types of spectrum
27-Jun-24	THURSDAY	Trigonometric Ratios upto Transformations	Summation of sine/cosine series	Kinematics	Vertically upward motion, freely falling bodies	Atomic Structure	Numericals on H-spectrum and Bohr's theory
28-Jun-24	FRIDAY	Trigonometric Ratios upto Transformations	Product of cosine, where angles are in G.P.	Kinematics	Problems based on uniform accelerated motion	Atomic Structure	Numericals on H-spectrum and Bohr's theory
29-Jun-24	SATURDAY	EXAM					
30-Jun-24	SUNDAY						
01-Jul-24	MONDAY	Trigonometric Ratios upto Transformations	Periodicity	Kinematics	Problems based on uniform accelerated motion	Atomic Structure	Debroglie's hypothesis and numericals
02-Jul-24	TUESDAY	Trigonometric Ratios upto Transformations	Extreme values of acosx + bsinx + c	Kinematics	Acceleration 1D Variable	Atomic Structure	Heisenberg's uncertainity principle and numericals
03-Jul-24	WEDNESDAY	Trigonometric Ratios upto Transformations	Graphs of Trignometric functions	Kinematics	Acceleration 1D Variable	Atomic Structure	Schrodinger's wave equation, significance of Y and Y2
04-Jul-24	THURSDAY	Trigonometric Ratios upto Transformations	Miscellaneous	Kinematics	s-t, v-t, a-t graphs	Atomic Structure	Rules for filling orbitals, stability of half and full filled configuration spin multiplicity - SAM, OAM
05-Jul-24	FRIDAY	Straight Lines	Distance Formula, Area of a triangle and Polygon	Kinematics	s-t, v-t, a-t graphs	Atomic Structure	Rules for filling orbitals, stability of half and full filled configuration spin multiplicity - SAM, OAM
06-Jul-24	SATURDAY	EXAM					
07-Jul-24	SUNDAY						
08-Jul-24	MONDAY	Straight Lines	Section Formula, Harmonic Conjugates and Collinearity	Kinematics	Projectiles with Examples – Oblique projection from ground, Path of projectile. Maximum height, time of flight and range. (acceleration is constant)	Atomic Structure	Probability distribution curves
09-Jul-24	TUESDAY	Straight Lines	Centroid, Circumcenter, Orthocenter, Incenter and Excenter	Kinematics	Projectiles with Examples – Oblique projection and horizontal projection from the top of tower – Path of projectile. Maximum height, time of flight and range. (acceleration is constant)	Periodic Classification	Modern periodic classification, s, p, d, f and general properties of blocks
10-Jul-24	WEDNESDAY	Straight Lines	Centroid, Circumcenter, Orthocenter, Incenter and Excenter	Kinematics	Projectiles with Examples – Oblique projection and horizontal projection from the top of tower – Path of projectile. Maximum height, time of flight and range. (acceleration is constant)	Periodic Classification	Atomic radius, Ionisation potential factors, trends
11-Jul-24	THURSDAY	Straight Lines	Locus	Kinematics	Motion due to Variable Acceleration (2D)	Periodic Classification	Electron affinity and trends in electron affinity
12-Jul-24	FRIDAY	Straight Lines	Translation and rotation of axes	Kinematics	Projection on an inclined plane	Periodic Classification	Electronegativity and scales of electronegativity, nature of oxides, Metallic trends, inert pair effect, diagonal relationship

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13-Jul-24	SATURDAY	EXAM					
14-Jul-24	SUNDAY						
15-Jul-24	MONDAY	Straight Lines	Translation and rotation of axes	Kinematics	Relative velocity 1 D	Periodic Classification	Electronegativity and scales of electronegativity, nature of oxides, Metallic trends, inert pair effect, diagonal relationship
16-Jul-24	TUESDAY	Straight Lines	Different forms of a line	Kinematics	Relative Velocity (River – boat)	Periodic Classification	Electronegativity and scales of electronegativity, nature of oxides, Metallic trends, inert pair effect, diagonal relationship
17-Jul-24	WEDNESDAY	MUHARRAM					
18-Jul-24	THURSDAY	Straight Lines	Normal form of a line and perpendicular distance from a point to a line	Kinematics	Problems based on relative Velocity	Chemical Bonding	Ionic Bond / Fajan's rules
19-Jul-24	FRIDAY	Straight Lines	Angle between two lines	Laws of Motion	Types of forces,Laws of motion (Inertia , Newtons Law)	Chemical Bonding	Covalent Bond / Properties of covalent compounds
20-Jul-24	SATURDAY	EXAM					
21-Jul-24	SUNDAY						
22-Jul-24	MONDAY	Straight Lines	Parametric form and its applications	Kinematics	F.B.D	Chemical Bonding	Covalent Bond / Lewis dot structures
23-Jul-24	TUESDAY	Straight Lines	Position of a point w.r.t a line and a triangle, Ceva's Theorem and Menelaus' theorem	Laws of Motion	Equilibrium of forces	Chemical Bonding	Coordinate Bond / Formal charge
24-Jul-24	WEDNESDAY	Straight Lines	Foot of the perpendicular and image of a point w.r.t. a line	Laws of Motion	Constraint equations(string constraint)	Chemical Bonding	Valance Bond theory
25-Jul-24	THURSDAY	Straight Lines	Family of lines, altitude and Median problems	Laws of Motion	Constraint equations(string constraint)	Chemical Bonding	Valance Bond theory / Sigma and Pi bonds
26-Jul-24	FRIDAY	Straight Lines	Problems on family of lines	Laws of Motion	Constraint equations(contact constraint)	Chemical Bonding	Hybridisation
27-Jul-24	SATURDAY	Straight Lines	Acute and Obtuse angle bisectors	Laws of Motion	Concept of spring force and problems	Chemical Bonding	Hybridisation
28-Jul-24	SUNDAY						
29-Jul-24	MONDAY	BONALU JATARA					
30-Jul-24	TUESDAY	PHASE TEST I					
31-Jul-24	WEDNESDAY	Paper Discussion					
01-Aug-24	THURSDAY	Trigonometric Equations	Solution of Simultaneous trigonometric equation - in one variable	Laws of Motion	Inertial and Non-inertial frames of reference;	Chemical Bonding	VSEPR
02-Aug-24	FRIDAY	Trigonometric Equations	Solution of Simultaneous trigonometric equation - in one variable	Laws of Motion	Apparent weight in lift, Problems based on inertial and non inertial frame	Chemical Bonding	Molecular orbital theory
03-Aug-24	SATURDAY	Trigonometric Equations	Solution of Simultaneous trigonometric equation - in one variable	Laws of Motion	Problems based on inertial and non inertial frame	Chemical Bonding	Molecular orbital theory
04-Aug-24	SUNDAY						
05-Aug-24	MONDAY	Trigonometric Equations	Solution of Simultaneous trigonometric equation - in one variable	Laws of Motion	Friction(Kinetic friction)	Chemical Bonding	Molecular orbital theory
06-Aug-24	TUESDAY	Trigonometric Equations	Solution of Simultaneous trigonometric equation - in one variable	Laws of Motion	Static Friction and Angle of repose, problems	Chemical Bonding	Bond Characteristics, Hydrogen Bonding

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07-Aug-24	WEDNESDAY	Trigonometric Equations	Solution of Simultaneous trigonometric equation - in one variable, Solution of Simultaneous trigonometric equation - in two variable	Laws of Motion	Multiple block system	Chemical Bonding	Hydrogen Bonding
08-Aug-24	THURSDAY	Trigonometric Equations	Solution of Simultaneous trigonometric equation - in one variable, Solution of Simultaneous trigonometric equation - in two variable	Laws of Motion	Multiple block system	Chemical Bonding	Dipole moment
09-Aug-24	FRIDAY	Matrices	Types of matrices, addition, subtraction, multiplication Minors, co-factors	Laws of Motion	problems based on above sub topics	Chemical Bonding	Dipole moment
10-Aug-24	SATURDAY	EXAM					
11-Aug-24	SUNDAY						
12-Aug-24	MONDAY	Matrices	Types of matrices, addition, subtraction, multiplication Minors, co-factors	Laws of Motion	problems based on above sub topics	Chemical Bonding	Intermolecular forces, pπ, dπ bonding
13-Aug-24	TUESDAY	Matrices	Types of matrices, addition, subtraction, multiplication Minors, co-factors	Work Power and Energy	Work-Energy -(Definition and units),Work done by constant forces,Work done by variable forces,	Chemical Bonding	Metallic Bonding, Resonance
14-Aug-24	WEDNESDAY	Matrices	Othogonal matrices, idempotent, nilpotent, involutary, Hermittian, skew-Hermittian matrices, Transpose of a matrices, symmetric, skew-symmetric	Work Power and Energy	Spring force, series and parallel combinations of springs, and work done by spring force	Gaseous State	Gas Laws
15-Aug-24	THURSDAY	INDEPENDENCE DAY					
16-Aug-24	FRIDAY	Matrices	Transpose of a matrices, symmetric, skew-symmetric, Othogonal matrices, idempotent, nilpotent, involutary, Hermittian, skew-Hermittian matrices	Work Power and Energy	Kinetic energy, work energy theorem (general)	Gaseous State	Ideal Gas Equation / Numericals
17-Aug-24	SATURDAY	EXAM					
18-Aug-24	SUNDAY						
19-Aug-24	MONDAY	Matrices	Adjoint of a matrices, Inverse, Inverse by row, column transformation	Work Power and Energy	PROBLEMS BASED ON ABOVE SUBTOPICS	Gaseous State	Graham's law / Numericals
20-Aug-24	TUESDAY	Matrices	Adjoint of a matrices, Inverse, Inverse by row, column transformation	Work Power and Energy	Work done and kinetic energy in different reference of frame, work energy theorem in different reference of frame	Gaseous State	Dalton's law of Partial Pressures / Numericals
21-Aug-24	WEDNESDAY	Determinants	Determinants and its basic question, types of determinants, Properties of determinants and multiplication of determinants	Work Power and Energy	Work done and kinetic energy in different reference of frame, work energy theorem in different reference of frame	Gaseous State	Kinetic Theory of Gases / Numericals
22-Aug-24	THURSDAY	Determinants	Determinants and its basic question, types of determinants, Properties of determinants and multiplication of determinants	Work Power and Energy	Conservative(spring and gravitation) forces Non Conservative(friction) forces, work done by spring force, Elastic Potential Energy of Spring.	Gaseous State	Gas Velocities / Numericals

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23-Aug-24	FRIDAY	Determinants	Determinants and its basic question, types of determinants, Properties of determinants and multiplication of determinants	Work Power and Energy	Equilbrium (stable, unstable and neutral)	Gaseous State	Gas Velocities / Maxwell distribution of velocities
24-Aug-24	SATURDAY	JANAMASTHAMI					
25-Aug-24	SUNDAY						
26-Aug-24	MONDAY	Determinants	Determinants and its basic question, types of determinants, Properties of determinants and multiplication of determinants	Work Power and Energy	Conservation of Mechanical Energy , Introduction of Various forms of Energy	Gaseous State	Deviation from Ideality / Compressibility factor
27-Aug-24	TUESDAY	Determinants	Determinants and its basic question, types of determinants, Properties of determinants and multiplication of determinants	Work Power and Energy	Power (Inst. and Avg) and problems	Gaseous State	Vander Waal's Equation
28-Aug-24	WEDNESDAY	Determinants	Summation, differentation of determinant, Integration of determinant	Kinematics	Kinematics of circular motion	Gaseous State	Vander Waal's Equation / Numericals
29-Aug-24	THURSDAY	Determinants	Solution of system of linear equation, Cramer's rule for simultaneous linear equation, Solution of homogeneous linear equation (trivial and non-trivial solutions)	Kinematics	Kinematics of circular motion	Gaseous State	Joule Thomson effect & Liquefaction of gases, Critical constants
30-Aug-24	FRIDAY	Determinants	Determinants and its basic question, types of determinants, Properties of determinants and multiplication of determinants, Summation, differentation of determinant, Integration of determinant	Laws of Motion	Problems based on kinematics of circular motion,Radius of curvature, dynamics of circular motion,Conical Pendulum	Gaseous State	Eudiometry
31-Aug-24	SATURDAY	EXAM					
01-Sep-24	SUNDAY						
02-Sep-24	MONDAY	Functions	Domain of a function, Range of a function	Laws of Motion	problems based on circular motion and banking	Chemical Equilibrium	Rate, rate constant, rate law, Energy profile diagram, activation energy, enthalpy change
03-Sep-24	TUESDAY	Functions	Domain of a function, Range of a function	Work Power and Energy	Motion in vertical circle.	Chemical Equilibrium	Law Of Mass Action, Equilibrium Constant
04-Sep-24	WEDNESDAY	Functions	Types and number of functions: one-one/many-one, into/ onto	Conservation Of Momentum	Center of mass,Coordinates of Centre of Mass,Definition with examples – Difference between Centre of Mass and Centre of Gravity,	Chemical Equilibrium	Equilibrium Constant / Numericals
05-Sep-24	THURSDAY	Functions	Types and number of functions: one-one/many-one, into/ onto	Conservation Of Momentum	Determination of Centre of mass of symmetrical rigid bodies	Chemical Equilibrium	DOD & vapour density relationship, Thermodynamics of chemical equilibrium
06-Sep-24	FRIDAY	Functions	Types and number of functions: one-one/many-one, into/ onto	Conservation Of Momentum	Motion (Acceleration, Velocity and Displacement, Momentum) of Center of Mass, Velocity, Acceleration – Characteristics of centre of Mass	Chemical Equilibrium	Lechatlier's Principle
07-Sep-24	SATURDAY	GANESH CHATURTHI					
08-Sep-24	SUNDAY						

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
		Chapter Name	Concept	Chapter Name	Concept	Chapter Name	Concept
09-Sep-24	MONDAY	Functions	Range of a function	Conservation Of Momentum	Conservation of Momentum, Problems based on Conservation of Momentum	Chemical Equilibrium	Lechatlier's Principle
10-Sep-24	TUESDAY	Functions	Range of a function	Conservation Of Momentum	Collision of two bodies, coefficent of restitution, Elastic and Inelastic collisions	Group 1	Physical properties, solubility and stability of salts, Reaction with air, Non-metals, Reaction with water.
11-Sep-24	WEDNESDAY	Functions	Bijective functions, inverse of a function	Conservation Of Momentum	1d elastic and inelastic collision (mathematical treatment), Elastic and Inelastic collisions (Two dimensions)	Group 1	Reducing nature, other chemical reactions, Solubility in liquid ammonia, flame coloration
12-Sep-24	THURSDAY	Functions	Bijective functions, inverse of a function	Conservation Of Momentum	Impulse (problems), variable mass system	Group 1	Preparation and properties of NaOH, Preparation and properties of Na2CO3, Preparation and properties of NaHCO3
13-Sep-24	FRIDAY	Functions	Even/odd functions	Conservation Of Momentum	Problems on above topics	Group 1	Anamalous properties of Li, Biological importance of Na, K
14-Sep-24	SATURDAY	EXAM					
15-Sep-24	SUNDAY						
16-Sep-24	MONDAY	EID-E-MILAD					
17-Sep-24	TUESDAY	Functions	Period of a function	Rotational Dynamics	Rigid body, axis of rotation, kinetic energy of rigid body about a fixed axis,Moment of Intertia of Point Mass, Physical significance, discrete mass distribution	Group 2	Physical properties,reaction with water, reaction with air, Solubility and stability of salts, solubility in liquid ammonia, flame coloration, Reducing nature, other chemical reactions
18-Sep-24	WEDNESDAY	Functions	Composite function	Rotational Dynamics	Parallel and Perpendicular axis theorem (Derivations, Application of Theorem)	Group 2	Preparation and properties of Plaster of Paris, Preparation and properties of Ca(OH)2, General Characteristics of compounds of Alkaline earth metals, Biological importance of Mg & Ca
19-Sep-24	THURSDAY	Functions	Composite function	Rotational Dynamics	Moment of Inertia of continuous rigid bodies	GROUP IIIA	General characteristics – EC, Atomic radius, IP, EN, d, m.p, B.P, SRPGeneral characteristics – EC, Atomic radius, IP, EN, d, m.p, B.P, SRP
20-Sep-24	FRIDAY	Functions	Number of solution type problems, Graphical solution of function	Rotational Dynamics	Problems base on the application of Parallel & Perpendicular Axis Theorem	GROUP IIIA	(i) Chemical properties – Reaction with air, reaction with acids & alkalies, reaction with halogens Anamalous behaviour of B, Extraction of B
21-Sep-24	SATURDAY	Functions	Functional equation	Rotational Dynamics	Torque (due to action of forces, Concepts of torque & Couple , Equilibrium of Rigid Bodies)	GROUP IIIA	COMPOUNDS OF BORON: (i) Borax, (ii) B2O3 (iii) Boric Acid, BX3, Borax
22-Sep-24	SUNDAY						
23-Sep-24	MONDAY	PHASE TEST II					
24-Sep-24	TUESDAY	Paper Discussion					

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
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25-Sep-24	WEDNESDAY	Inverse Trignometric Functiion	Domain, Ranges, Graphs of IJF	Rotational Dynamics	Angular Momentum (r x p, Iω), Condition of Conservation of Angular Momentum in Pure Rotation.	GROUP IIIA	(i) Diborances, (ii) BN and B3N3H6
26-Sep-24	THURSDAY	Inverse Trignometric Functiion	f(f-1(x), f-1(f(x) properties on ITF	Rotational Dynamics	Problem Based on Conservation of Angular Momentum	GROUP IIIA	Extraction of Al & uses of Aluminium compounds
27-Sep-24	FRIDAY	Inverse Trignometric Functiion	f(-x), f(1/x), Identities of ITF	Rotational Dynamics	Work, Energy Theorem in rotation Motion,Rotational power, formula of Rotational Work done, rotational power	GROUP IIIA	Alums and other elements of Group III
28-Sep-24	SATURDAY	Inverse Trignometric Functiion	problems on Tan-1x+Tan-1y, sin-1x + sin-1y, Tan-1x-Tan-1y, sin-1x-sin-1y, cos-1x+cos-1y	Rotational Dynamics	Torque (I α) , Fixed Axis Rotation, Hinge Reaction & Determination of Tension in the String	GOC	Classification of organic compounds, Rules of IUPAC nomenclature of Alkanes.
29-Sep-24	SUNDAY						
30-Sep-24	MONDAY	Inverse Trignometric Functiion	solutions of Inverse Trigonometric equations	Rotational Dynamics	Fixed Axis Rotation, Hinge Reaction	GOC	IUPAC nomenclature of Alkanes.
01-Oct-24	TUESDAY	Inverse Trignometric Functiion	Inequalities, Maxima & Minima values	Rotational Dynamics	Hinge Reaction and Fixed non Ideal Pulley	GOC	(i) IUPAC nomenclature of hydrocarbons containing multiple bonds. (ii) IUPAC nomenclature of compounds containing only one functional group (Alcohols, Ethers, Aldehydes, Ketones, Carboxylic acids, esters, acid chlorides, acid - amides, acid anhydrides, nitries and amines).
02-Oct-24	WEDNESDAY	Limits	Definitions, L.H.L, R.H.L	Rotational Dynamics	Plane Motion, Velocity and Accelertion of a body performing combined motion	GOC	(i) IUPAC nomenclature of compounds containing two or more than two functional groups. (ii) IUPAC nomenclature of cyclic compounds - monocyclic and bicyclic (only simple examples should be discussed in bicyclic compounds) (iii) IUPAC nomenclature of Aromatic compounds.
03-Oct-24	THURSDAY	Limits	Algebra limits, Trignometric Limits	Rotational Dynamics	Plane Motion, Kinetic Energy, Angular Momentum, torque (I_{cm} α) performing combined motion	Isomerism	(i) Structural isomerism - chain, position and functional isomersm. (ii) Structural isomerism - Metamerism, Ring - chain isomerism, Index of Hydrogen deficiency and questions based on calculation of number of structural isomers. (iii) Projection formulae and inter conversions.
04-Oct-24	FRIDAY	Limits	Exponential & Logarithmetic limits	Rotational Dynamics	Conservation of Angular momentum & Angular Impulse, Rod + Particle collision (fixed axis)	Isomerism	(i) Conformational isomerism in Ethane and butane & relative stability stability of conformers. (ii) Conformational isomerism in ethylene glycol and ethylene chlorohydrin & their relative stabilities
05-Oct-24	SATURDAY	EXAM					

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06-Oct-24	SUNDAY						
07-Oct-24	MONDAY	DASARA HOLIDAYS					
08-Oct-24	TUESDAY						
09-Oct-24	WEDNESDAY						
10-Oct-24	THURSDAY						
11-Oct-24	FRIDAY						
12-Oct-24	SATURDAY						
13-Oct-24	SUNDAY						
14-Oct-24	MONDAY	Limits	Limits using expansions	Rotational Dynamics	Spool Problems, Toppling	Isomerism	Stability of cyclohexane - Baeyer's strain theory Conformational isomerism in cyclohexane & introduction to cnformational isomerism in monosubstituted cyclohexane.
15-Oct-24	TUESDAY	Limits	problems based on limits as x tendes to ¥	Rotational Dynamics	Rolling on Horizontal Plane	Isomerism	Geometrical isomerism around C = C, C = N, N = N and in cyclic compounds.
16-Oct-24	WEDNESDAY	Limits	limits on determinate form 00, ¥0	Rotational Dynamics	Accelerated Rolling on Horizontal Plane	Isomerism	properties of geometrical isomers and calculations of number of geometrical isomers
17-Oct-24	THURSDAY	Limits	indeterminate form, 1¥	Rotational Dynamics	Rolling on an Inclined Plane (with slipping), Rolling Problems (angular momentum conservation application)	Isomerism	Optical isomerism Optical activity Polarimeter experiment Angle of rotation and specific rotation
18-Oct-24	FRIDAY	Limits	Sandwith theorem, infinite limits	Rotational Dynamics	Instantaneous Axis of Rotation, Problems	Isomerism	Chiral C & Chirality, Achirality, Enantiomers and diastereomers, stereocentre.
19-Oct-24	SATURDAY	EXAM					
20-Oct-24	SUNDAY						
21-Oct-24	MONDAY	Limits	Application of series to find limit of the function	Gravitation	Universal law of Gravitation & Problems	Isomerism	(i) Meso form and discussion of plane of symmetry (ii) Properties of enantiomers & Diastereomers (iii) Racemization, Resolution (Methods of Resolution are not required), optical purity (iv) Questions based on calculation of number of optical isomers and total number of isomers.
22-Oct-24	TUESDAY	Limits	Miscellaneous	Gravitation	Gravitational Intensity due to Point Mass & System of discrete mass, Continuous Body(Ring, Hollow & Solid sphere, Ring, Hollow & Solid sphere)	Isomerism	Optical isomerism in allenes, biphenyls, spiro compounds, cyclo alkylidenses and amines.
23-Oct-24	WEDNESDAY	Continuity	Definition, existence and continuity of a function, Discontinuity of a function	Gravitation	Gravitational Accelerations(g) and Variation of g, Determination of g for Planet	Isomerism	(i) R, S - nomenclature (ii) E, Z - nomenclature

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
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24-Oct-24	THURSDAY	Continuity	problems on continuity, discontinuity of a function, points of discontinuity of a function	Gravitation	Gravitational Potential Energy between two point masses, Gravitational Potential due to point mass, Gravitational Potential Energy & Gravitational Potential due to System of the Mass and Continuous Body	Isomerism	(i) Discussion of questions based on stereochemical relationship (ii) D, L - nomenclature (iii) Erythro - Threo nomenclature. (iv) Elements of symmetry -Axis of symmetry -Plane of symmetry -Centre of symmetry
25-Oct-24	FRIDAY	Continuity	problems on continuity, discontinuous of a function, point of discontinuous of composite functions	Gravitation	Self Energy and Relation between Gravitation Potential & Gravitational Field	GOC	(i) Inductive effect, +I group and -I groups, (ii) Conjugation (iii) Electrophiles & Nucleophiles
26-Oct-24	SATURDAY	EXAM					
27-Oct-24	SUNDAY						
28-Oct-24	MONDAY	Differentiability	Definition, First principle, L.H.D, R.H.D	Gravitation	Motion of Planets and Satellite in Circular orbit, Orbital velocity with derivation and relation between them.	GOC	(i) conjugation (ii) Resonance - Rules for writing resonating structures
29-Oct-24	TUESDAY	Differentiability	Definition, First principle, L.H.D, R.H.D	Gravitation	Geo stationary satellites and their Uses, Polar satellites, Weightlessness	GOC	(i) Deciding stability of Resonating structures (ii) Mesomeric effect, +M group and -M groups.
30-Oct-24	WEDNESDAY	Differentiability	problems on Differentiability of a function	Gravitation	Escaped Velocity, Binding Energy, Projection of Particle from Surface of Planet, Binary Star system	GOC	Hyperconjugation (i) Application of Hyperconjugation to stability of Alkene and bond length (ii) Electromeric effect
31-Oct-24	THURSDAY	DEEPAWALI					
01-Nov-24	FRIDAY	Differentiability	problems on Differentiability of a function	Gravitation	Kepler's Law	GOC	Applications of Electrnic effects Aromaticity, Anti aromaticity and non aromaticity
02-Nov-24	SATURDAY	EXAM					
03-Nov-24	SUNDAY						
04-Nov-24	MONDAY	Differentiability	functional equations	Elasticity	Elasticity, Stress, Strain, Hooke's law, Young's Modulus, Shear and Bulk Modulus of Elasticity	GOC	(i) Directing influence of groups (o, p & m-directing groups) (ii) Reverse Hyperconjugation
05-Nov-24	TUESDAY	Methods of Differentiations	problems on produt qotient rule, chain rule	Elasticity	Behavious of a wire under gradually increasing load, Elastic Fatigue, Strain energy, Experimental determination of Y-Searle's apparatus.	GOC	Acidic character of Alcohols & Phenols, Take the examples of nitrophenols, cresols, alkoxy phenols, halophenols and hydroxy phenols.
06-Nov-24	WEDNESDAY	Methods of Differentiations	problems on Inverse Trigonometric Function	Elasticity	Poission's ratio, Application of Elastic behaviour of Material, Introduction of Beem and Section.	GOC	(i) Acidic character of Alcohols & phenols. Take the examples of nitrophenols, cresols, alkoxy phenols, halophenols and hydroxy phenols. (ii) Acidic character of Aliphatic and aromatic carboxylic acids. Take the examples of nitro, alkyl, alkoxy, Hydroxyand Halo carboxylic acids also.

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
		Chapter Name	Concept	Chapter Name	Concept	Chapter Name	Concept
07-Nov-24	THURSDAY	Methods of Differentiations	problems on parametic differentiation, derivative of a function w.r.t other functions,	Elasticity	Problem Based on Elasticity	GOC	(i) Basic character of Amines and anilines (ii) Basic character of substituted Anilines (iii) Basic character of substituted Anilines (iv) Steric inhibition of Resonance & Basic character of Anilines
08-Nov-24	FRIDAY	Methods of Differentiations	problems on logarthemic differentation problems on second and higher order derivatives	Fluid Statics	Fluid Pressure, variation of pressure with depth, force applied by Fluid	GOC	Stability of carbocations, Benzyl carbocations. Substituted benzyl carbocations, cyclopropyl methyl carbocations and Tropyllium carbocations etc.
09-Nov-24	SATURDAY	EXAM					
10-Nov-24	SUNDAY						
11-Nov-24	MONDAY	A.O.D	Equations of Tangent, Equation of Normal, related problem	Fluid Statics	Variation of Pressure in accelerated fluids, torque due to hydrostatic force	GOC	(i) Stability of carbanions, Benzyl carbanions, substituted benzyl carbanions etc. (ii) Stability of free radicals & other examples of stability of Reaction intermediates.
12-Nov-24	TUESDAY	A.O.D	subtangent, subnormal, Lenth of tangent, length of normal problem	Fluid Statics	Barometer, Manometer, U-tube	Isomerism	Tautomerism
13-Nov-24	WEDNESDAY	A.O.D	Angle between curves and orthogonal curves	Fluid Statics	Flotation, Buoyancy, Archimedes principle	ALKANES	Methods of preparation of Alkanes - Wurtz Reaction & Limitations.
14-Nov-24	THURSDAY	A.O.D	problems on increasing and decreasing functions	Fluid Statics	Flotation, Buoyancy, Archimedes principle	ALKANES	Frankland Reaction, Corey - House synthesis, Decarboxylation Reaction, Kolbe's electrolytic method.
15-Nov-24	FRIDAY	A.O.D	problems an increase and decreasing functions	Fluid Dynamics	Steady Flow, Equation of Continuity and Bernoulli's theorem	ALKANES	(i) By Reduction of Alcohols, Aldeyde, Ketones and carboxylic acids with HI & Red P (ii) Wolf-Kishner's Reduction. (iii) Clemmenson's Reduction (iv) Preparation of Alkanes from grignard - reagents. (v) Preparation of Methane from Carbides.
16-Nov-24	SATURDAY	EXAM					
17-Nov-24	SUNDAY						
18-Nov-24	MONDAY	A.O.D	problems on local maxima and local minima and critical points, stationary points	Fluid Dynamics	Application of Bernoulli's theorem	ALKANES	Preparation of alkane by catalytic hydrogenation of alkene and alkyne with mechanism and stereochemistry
19-Nov-24	TUESDAY	A.O.D	problems on local maxima and local minima and critical points, stationary points	Viscosity	Viscosity, Stoke's formula and terminal velocity	ALKANES	(i) Physical properties of Alkanes (ii) Halogenation of Alkanes (iii) Halogenation of alkanes

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
		Chapter Name	Concept	Chapter Name	Concept	Chapter Name	Concept
20-Nov-24	WEDNESDAY	A.O.D	problems on Absolute Maxima and Absolute Minima	Viscosity	Poiseuille's Equation	ALKANES	(i) Calculation of % of isomers, Reactivity - Selectivity principle. (ii) Problems based on monohalogenation Oxidation, Cracking Isomerisation, Nitration and sulphonation of alkane, octane number.
21-Nov-24	THURSDAY	A.O.D	problems on concavity, inflexion point	Surface Tension	Surface Tension and SurfaceTension Force	ALKENES	(i) Elimination Reactions – Introduction, (ii) E2 Mechanism
22-Nov-24	FRIDAY	A.O.D	problems on Mensuration related to Maxima and Minima	Surface Tension	Surface Energy	ALKENES	Stereochemistry of E2 Mechanism, E1 mechanism.
23-Nov-24	SATURDAY	A.O.D	problems on Mensuration related to Maxima and Minima	Surface Tension	Excess Pressure	ALKENES	E1Cb Mechanism, factors affecting E1 and E2 Reactions – Nature of substrate, Strength of base and leaving group.
24-Nov-24	SUNDAY						
25-Nov-24	MONDAY	PHASE TEST III					
26-Nov-24	TUESDAY	Paper Discussion					
27-Nov-24	WEDNESDAY	A.O.D	Mean value theorem problems	Surface Tension	Capillarity	ALKENES	Orientation in Elimination Reactions, – Saytzeff's and Hoffmann's Rule
28-Nov-24	THURSDAY	A.O.D	Mean value theorem problems	SHM	Equation of SHM, Relation between SHM and uniform circular motion, Phase constant, phase	ALKENES	(i) Hoffmann's Exhaustive alkylation & Elimination reactions in quaternary ammonium hyroxides,(ii) Dehydration of Alchols – 10, 20 & 30 alcohols, (i) Rearrangement during dehydration of alcohols, (ii) Rearrangement during dehydration of 10 alcohols (For ex : – 1–butanol)
29-Nov-24	FRIDAY	A.O.D	Nature of roots	SHM	Energy in SHM	ALKENES	Other Methods of Preparation of Alkenes (Dehalogenation of vicinal dihalides, Kolbe's Electrolytic Methods, Partial reduction of Alkynes, wittig Reaction, Pyrolysis of esters.
30-Nov-24	SATURDAY	A.O.D	Rate measure problems	SHM	Frequency of a system performing SHM	ALKENES	Chemical properties of Alkene , – Electrophilic addition Reactions – addition of HX (Markownikoff's addition)
01-Dec-24	SUNDAY						
02-Dec-24	MONDAY	A.O.D	Miscellaneous on Application of Derivatives	SHM	Angular SHM (Simple and rigid pendulum)	ALKENES	Anti Markownikoff's addition, Peroxide effect with Mechanism,Addition of X2 & HOX with mechanism and stereochemistry
03-Dec-24	TUESDAY	A.O.D	Miscellaneous on Application of Derivatives	SHM	superposition principle, reduced mass concept	ALKENES	Reaction with dilute H2SO4 (Acid catalyzed Hydration of Alkene), Reaction of alkene with alcohol in the presence of H+, OMDM

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
		Chapter Name	Concept	Chapter Name	Concept	Chapter Name	Concept
04-Dec-24	WEDNESDAY	Vectors	Definition of vectors (direction and length), Definition of position vector, null vector, unit vector etc , Equality of vectors, Line of support, Collinear and parallel, like, unlike vectors etc…	SHM	Damped harmonic motion, forced oscillation	ALKENES	HBO
05-Dec-24	THURSDAY	Vectors	Vector addition (triangle law, parallelogram law), Scalar multiplication and properties, Section formula, Problems	Thermal Expansion	Thermometry	ALKENES	OZONOLYSIS
06-Dec-24	FRIDAY	Vectors	Vector addition (triangle law, parallelogram law), Scalar multiplication and properties, Section formula, Problems	Thermal Expansion	Thermal expansion of solids	ALKENES	Oxidation of alkene with KMnO4 (hot & Cold), OsO4, Peracids, Lemieux reagent, Polymerisation, Allylic halogenation
07-Dec-24	SATURDAY	EXAM					
08-Dec-24	SUNDAY						
09-Dec-24	MONDAY	Vectors	orthonormal unit vectors, Linearly independent, linearly dependent, Collinearity and properties	Calorimetry	Three phases of matter, Triple point of water, Specific Heat and Latent heat	ALKENES	(i) Prince Reaction, (ii) 1, 2 & 1, 4 – addition of HBr on butadiene.
10-Dec-24	TUESDAY	Vectors	orthonormal unit vectors, Linearly independent, linearly dependent, Collinearity and properties	Calorimetry	Law of mixtures and related problems	ALKYNES	(i) Methods of Preparation of Alkynes, (ii) Acidic character of Terminal alkynes & Reactions of terminal alkynes, (iii) Electrophilic addition Reactions of Alkynes, –Reactions with HX, X2, HOX, HBO, OZONOLYSIS, Oxidation by KMnO4
11-Dec-24	WEDNESDAY	Vectors	Vector equation of lines, problems, Point of intersection of two lines	KTG	Kinetic gas equation, Interpretation of Temperature	ALKYNES	Isomerisation, Polymerisation, Nucleophilic addition of H2O, HCN etc.
12-Dec-24	THURSDAY	Vectors	Angle between two vectors, Definition of scalar product, Properties, Projections, Geometrical application (concurrency of altitudes, perpendicular – bisectors)	KTG	Gas Laws	ELECTROPHILIC AROMATIC SUBSTITUTION	(i) Methods of Preparation of benzene, (ii) General Mechanism of EAS
13-Dec-24	FRIDAY	Vectors	Angle between two vectors, Definition of scalar product, Properties, Projections, Geometrical application (concurrency of altitudes, perpendicular – bisectors)	KTG	Mean free Path and Average,RMS, Most probable velocities, Law of equipartition of energy and degrees of freedom	ELECTROPHILIC AROMATIC SUBSTITUTION	Nitration and sulphonation of benzene
14-Dec-24	SATURDAY	EXAM					
15-Dec-24	SUNDAY						
16-Dec-24	MONDAY	Vectors	Angle between two vectors, Definition of scalar product, Properties, Projections, Geometrical application (concurrency of altitudes, perpendicular – bisectors)	Thermodynamics	Zeroth law, Thermal Equilibrium and First Law of Thermodynamics	ELECTROPHILIC AROMATIC SUBSTITUTION	Halogenation of benzene, Friedel craft's Alkylation and Acylation
17-Dec-24	TUESDAY	Vectors	Definition of Cross product & properties, Cross product among unit vector, Areas	Thermodynamics	First Law of Thermodynamics	ELECTROPHILIC AROMATIC SUBSTITUTION	(i) Limitations of Friedel Craft's reactions, (ii) Activating and deactivating groups.

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
		Chapter Name	Concept	Chapter Name	Concept	Chapter Name	Concept
18-Dec-24	WEDNESDAY	Vectors	Definition of Cross product & properties, Cross product among unit vector, Areas	Thermodynamics	Molar Specific Heat and Mayer's Formula, Work Done in different thermodynamic process	ELECTROPHILIC AROMATIC SUBSTITUTION	(i) Orientation in mono & disubstituted benzene, (ii) Halogenation in the presence of light, Birch reduction, oxidation reactions, and ozonolysis.
19-Dec-24	THURSDAY	Vectors	Definition of Cross product & properties, Cross product among unit vector, Areas	Thermodynamics	Polytropic Process, cyclic process, efficiency and Graphs	GROUP IVA	General characteristics – EC, Atomic radius, IP, EN, d, M.P, B.P, electrical resistivity, catenation. (i) Chemical properties – reaction with air, reaction with water, reaction with halogens, (ii) Allotropes of carbon – diamond, graphite, fullerenes, (iii) Uses of carbon
20-Dec-24	FRIDAY	Vectors	Scalar triple product, Geometrical representation, Properties	Thermodynamics	Polytropic Process, cyclic process, efficiency and Graphs	GROUP IVA	Oxides of carbon – CO & CO2, & Carbonic acid. Isolation of silicon, properties of Si Compounds of Si – SiO2, SiCl4, Silicates, Silicones, SiC. Zeolitels
21-Dec-24	SATURDAY	EXAM					
22-Dec-24	SUNDAY						
23-Dec-24	MONDAY	Vectors	Scalar triple product, Geometrical representation, Properties	Thermodynamics	Second Law of Thermodynamics and reversible & irreversible process	HYDROGEN & ITS COMPOUNDS	Prep. & Prop. Of H2O2, Vol strength, Str. of H2O2 & tests, Hardness of water n basic PPM calculations, Heavy water , hydrides
24-Dec-24	TUESDAY	Vectors	Problems on volumes, Vector triple product and problems, Shortest distance between Skew lines	Thermodynamics	Carnot Cycle and its efficiency	POC	Det of elements in org compds;
25-Dec-24	WEDNESDAY	Vectors	Problems on volumes, Vector triple product and problems, Shortest distance between Skew lines	Thermodynamics	Heat engine and refrigerator	POC	sep n purification
26-Dec-24	THURSDAY	Vectors	Equation of plane, Angle between two planes , and problems, Vector triple product, Scalar product of 4 – vectors, Vector product of 4 – vectors, Problems, Solving vector equation and reciprocal system of vectors.,	Heat Transfer	Different process of Heat transfer , Convection of Heat,Elementary concept of conduction ,Conduction in one dimension,Coefficient of thermal conductivity,thermal Resistance	POC	Estimation method
27-Dec-24	FRIDAY	Vectors	Equation of plane, Angle between two planes , and problems, Vector triple product, Scalar product of 4 – vectors, Vector product of 4 – vectors, Problems, Solving vector equation and reciprocal system of vectors.,	Heat Transfer	Different process of Heat transfer , Convection of Heat,Elementary concept of conduction ,Conduction in one dimension,Coefficient of thermal conductivity,thermal Resistance	Environmental chemistry	Environmental chemistry
28-Dec-24	SATURDAY	EXAM					
29-Dec-24	SUNDAY						

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
		Chapter Name	Concept	Chapter Name	Concept	Chapter Name	Concept
30-Dec-24	MONDAY	3D-Geometry	Coordinate system, Distance formulae, Section formulae, Centroid of triangle, tetrahedron, Callinearity of 3 points, Incentre, ex-centre problems	Heat Transfer	Different process of Heat transfer , Convection of Heat,Elementary concept of conduction ,Conduction in one dimension,Coefficient of thermal conductivity,thermal Resistance	IONIC EQUILIBRIUM	Briefing of Kw, Ka, Kb, pKa, pKb and pkw The pH scale, pH & pOH
31-Dec-24	TUESDAY	3D-Geometry	Coordinate system, Distance formulae, Section formulae, Centroid of triangle, tetrahedron, Callinearity of 3 points, Incentre, ex-centre problems	Heat Transfer	Different process of Heat transfer , Convection of Heat,Elementary concept of conduction ,Conduction in one dimension,Coefficient of thermal conductivity,thermal Resistance	IONIC EQUILIBRIUM	pH calculation of Acids and bases
01-Jan-25	WEDNESDAY	3D-Geometry	D.C's , D.r's, Angle between 2 lines, Parallel lines, perpendicular lines	Heat Transfer	Nature and properties of Thermal Radiation – Prevost's Theory of heat exchange – Emissive and absorptive powers of bodies – Kirchoff's law and its application	IONIC EQUILIBRIUM	Common ion effect, salt hydrolysis salt hydrolysis
02-Jan-25	THURSDAY	3D-Geometry	Plane passing through three points, Plane passing through two points and parallel to a vector, Plane passing through two points and parallel to two vectors, Plane parallel to a given plane, Angle between two planes	Heat Transfer	Nature and properties of Thermal Radiation – Prevost's Theory of heat exchange – Emissive and absorptive powers of bodies – Kirchoff's law and its application	IONIC EQUILIBRIUM	buffer solutions buffer solutions, Buffer Capacity
03-Jan-25	FRIDAY	3D-Geometry	Planes bisecting the angles between two planes, Bisector of acute / obtuse angle, Distance of a point from a plane, Distance between two parallel planes	Heat Transfer	Nature and properties of Thermal Radiation – Prevost's Theory of heat exchange – Emissive and absorptive powers of bodies – Kirchoff's law and its application	IONIC EQUILIBRIUM	solubility product expression in different cases
04-Jan-25	SATURDAY	EXAM					
05-Jan-25	SUNDAY						
06-Jan-25	MONDAY	3D-Geometry	Equation of a line in symmetric form, distance between two skew lines.	Heat Transfer	Nature and properties of Thermal Radiation – Prevost's Theory of heat exchange – Emissive and absorptive powers of bodies – Kirchoff's law and its application	IONIC EQUILIBRIUM	Indicators & selection of suitable indicators
07-Jan-25	TUESDAY	3D-Geometry	Perpendicular distance from a point to a line, Image and foot of the perpendicular of a point w.r.t. a line	Heat Transfer	Black body radiation and Wein's displacement law, Stefan's law	IONIC EQUILIBRIUM	Indicators & selection of suitable indicators, numericals
08-Jan-25	WEDNESDAY	3D-Geometry	Lines, Line and plane	Heat Transfer	Black body radiation and Wein's displacement law, Stefan's law		Miscellaneous Topics
09-Jan-25	THURSDAY	3D-Geometry	Lines, Line and plane	Heat Transfer	Black body radiation and Wein's displacement law, Stefan's law		Miscellaneous Topics
10-Jan-25	FRIDAY	3D-Geometry	Lines, Line and plane	Heat Transfer	Newton's law of cooling		Miscellaneous Topics
11-Jan-25	SATURDAY	3D-Geometry	Lines, Line and plane	Heat Transfer	Newton's law of cooling		Miscellaneous Topics
12-Jan-25	SUNDAY						
13-Jan-25	MONDAY						
14-Jan-25	TUESDAY						

Date	Day	MATHEMATICS		PHYSICS		CHEMISTRY	
		Chapter Name	Concept	Chapter Name	Concept	Chapter Name	Concept
15-Jan-25	WEDNESDAY	PONGAL HOLIDAYS					
16-Jan-25	THURSDAY						
17-Jan-25	FRIDAY						
18-Jan-25	SATURDAY						
19-Jan-25	SUNDAY						
20-Jan-25	MONDAY	PHASE TEST IV					
21-Jan-25	TUESDAY	Paper Discussion					
22-Jan-25	WEDNESDAY	IPE REVISION					
23-Jan-25	THURSDAY						
24-Jan-25	FRIDAY						
25-Jan-25	SATURDAY						
26-Jan-25	SUNDAY						
27-Jan-25	MONDAY	PREFIANL-I SANSKRIT / FRENCH					
28-Jan-25	TUESDAY						
29-Jan-25	WEDNESDAY	PREFIANL-I ENGLISH					
30-Jan-25	THURSDAY						
31-Jan-25	FRIDAY						
01-Feb-25	SATURDAY	PREFIANL-I MATHS-IA					
02-Feb-25	SUNDAY						
03-Feb-25	MONDAY						
04-Feb-25	TUESDAY	PREFIANL-I MATHS-IB					
05-Feb-25	WEDNESDAY						
06-Feb-25	THURSDAY						
07-Feb-25	FRIDAY	PREFIANL-I PHYSICS					
08-Feb-25	SATURDAY						
09-Feb-25	SUNDAY						
10-Feb-25	MONDAY	PREFIANL-I CHEMISTRY					
11-Feb-25	TUESDAY						
12-Feb-25	WEDNESDAY						
13-Feb-25	THURSDAY	PREFIANL-II CHEMISTRY					
14-Feb-25	FRIDAY						
15-Feb-25	SATURDAY	PREFIANL-II PHYSICS					
16-Feb-25	SUNDAY						
17-Feb-25	MONDAY	ENGLISH PRACTICALS (TENTATIVE)					
18-Feb-25	TUESDAY						
19-Feb-25	WEDNESDAY	PREFIANL-II MATHS-IB					
20-Feb-25	THURSDAY						
21-Feb-25	FRIDAY	PREFIANL-II MATHS-IA					
22-Feb-25	SATURDAY	ENVIRONMENTAL EDUCATION (TENTATIVE)					
23-Feb-25	SUNDAY						
24-Feb-25	MONDAY	PREFIANL-II ENGLISH					
25-Feb-25	TUESDAY						
26-Feb-25	WEDNESDAY	PREFIANL-II SANSKRIT / FRENCH					
27-Feb-25	THURSDAY						
28-Feb-25	FRIDAY						