Lakshya JEE 2025-TEST PLANNER

Test No.	DATE	Pattern	Mode	Physics	Chemistry	Mathematics
Practice Test-1	Sunday, April 21, 2024	Short Test-1	Online	Electric Charges and Fields: Introduction Charge Coulomb's Law Electric Field Conductors and Insulators Electric Field of a Continuous Charge Distribution	Solutions:Binary Solution Concentration Terms Solubility: Solubility of a Solid in a Liquid Solubility of a Gas in a Liquid Nature of Solvent and Solute Effect of Pressure and Temperature	Determinants (Complete Chapter)
Practice Test-2	Sunday, May 5, 2024	JEE Mains-1	Online	Electric Charges and Fields: Introduction Charge Coulomb's Law Electric Field Conductors and Insulators Electric Field of a Continuous Charge Distribution Motion of a Charged Particle in Uniform Electric Field Electric Field Lines Electric Flux Gauss Law Application of gauss's law Electric Dipole	Solutions: Binary Solution Concentration Terms Solubility Vapour Pressure Vapour Pressure of Liquid Solutions Determination of Vapour Pressure of a Liquid Vapour Pressure of Liquid Solutions Ideal and Non-ideal Solutions Colligative Properties: Colligative Properties one	Determinants (Complete Chapter) Matrices: Introduction Types of the Matrices Equality of Matrices Trace of a Matrix Determinants Operation on Matrices (Addition, Subtraction and Multiplication) Matrix Polynomial Transpose of a Matrix Transposed Conjugate of a Matrix A Symmetric and Skew Symmetric Matrix Orthogonal matrix Adjoint of Matrix Invertible Matrix Elementary Operation (Transformation) of a Matrix
Practice Test-3	Sunday, May 19, 2024	Short Test-2	Online	Electric Charges and Fields (Complete Chapter) Electrostatic Potential and Capacitance: Electrostatic Potential/Potential difference Relation between Electric field (E) & Electric potential (V) Equipotential Surface Electrostatic potential energy Electric potential due to dipole	Solutions (Complete Chapter) Electrochemistry: Metallic/Electrolytic Conductors Determination of Cell Constant Measurement of Conductance and Conductivity of Ionic Solutions Molar Conductivity Equivalent Conductivity Equivalent Conductivity Relation Between Molar Conductivity and Equivalent Conductivity Variation of Conductivity and Molar Conductivity with Concentration Kohlrausch's Law Absolute Ionic Mobilities and their Calculation	Matrices (Complete Chapter)
Practice Test-4	Sunday, June 2, 2024	JEE Mains-2	Online	Units and Measurements- Class 11th (Complete Chapter) Motion in a Straight Line- Class 11th (Complete Chapter) Electric Charges and Fields (Complete Chapter) Electrostatic Potential and Capacitance (Complete Chapter) Current Electricity:Electric Current Current in Conductors: Analysis of circuit Drift Velocity Mean free path and relaxation time Mobility Conductance and Conductivity	Structure of Atom-Class 11th (Complete Chapter) Some Basic Concepts of Chemistry-Class 11th (Complete Chapter) Solutions (Complete Chapter) Electrochemistry (Complete Chapter) Chemical Kinetics: Introduction Rate of Reaction Rate Law Expression Rate constant Factors Affecting the Reaction Rate Order and molecularity of Reaction Negative Order of the Reaction Approximation Integrated Rate Equations Numericals on Some Important First Order Reactions Integrated Rate Equations Pseudo First Order Reaction Experimental Determination of Order of Reaction	Basic Mathematics- Class-11th (Complete Chapter) Sets- class-11th (Complete Chapter) Matrices (Complete Chapter)
Practice Test-5	Sunday, June 16, 2024	JEE Advanced-1	Online	Units and Measurements- Class 11th (Complete Chapter) Motion in a Straight Line- Class 11th (Complete Chapter) Electric Charges and Fields (Complete Chapter) Electrostatic Potential and Capacitance (Complete Chapter)	Structure of Atom-Class 11th (Complete Chapter) Some Basic Concepts of Chemistry-Class 11th (Complete Chapter) Solutions (Complete Chapter) Electrochemistry (Complete Chapter) Chemical Kinetics (Complete Chapter)	Basic Mathematics-Class-11th (Complete Chapter) Sets- Class-11th (Complete Chapter) Trigonometric Functions- Class-11th (Complete Chapter) Trigonometric Equation- Class-11th (Complete Chapter) Quadratic Equations- Class-11th (Complete Chapter) Determinants (Complete Chapter) Matrices (Complete Chapter)
Practice Test-6	Sunday, June 30, 2024	Short Test-3	Online	Motion in a Plane-Class 11th (Complete Chapter) Laws of Motion-Class 11th (Complete Chapter) Current Electricity (Full Chapter) Capacitors (Full Chapter) Moving Charges and Magnetism: Oersted's Experiment and Biot-Savart's Law B-field due to a current carrying Ring and Problems on combination of Ring and Rod	Classification of Elements and Periodicity in Properties-Class 11th (Complete Chapter) Chemical Bonding and Molecular Structure-Class 11th (Complete Chapter) Haloalkanes and Haloarenes (Optical Isomerism & Hydrocarbon): Optical Isomerism Hydrocarbon	Complex Number -I Class-11th (Complete Chapter) Sequence and Series- Class-11th (Complete Chapter) Relations and Functions (Complete Chapter)
Practice Test-7	Sunday, July 14, 2024	JEE Mains-3	Online	Motion in a Plane-Class 11th (Complete Chapter) Laws of Motion-Class 11th (Complete Chapter) Work, Energy and Power-Class 11th (Complete Chapter) Centre of Mass & System of Particles-Class 11th (Complete Chapter) Current Electricity (Full Chapter) Capacitors (Full Chapter) Moving Charges and Magnetism Oersted's Experiment and Biot-Savart's Law B-field due to a current carrying Ring and Problems on combination of Ring and Rod Ampere's Law and Its applications Force on a moving charge in a Magnetic Field Lorentz force Motion of a charge particle in presence of both Electric and magnetic field	Classification of Elements and Periodicity in Properties-Class 11th (Complete Chapter) Chemical Bonding and Molecular Structure-Class 11th (Complete Chapter) State of matter-Class 11th (Complete Chapter) Thermodynamics -Class 11th (Complete Chapter) Haloalkanes and Haloarenes (Optical Isomerism & Hydrocarbon) (Complete Chapter)	Complex Number -I Class-11th (Complete Chapter) Sequence and Series- Class-11th (Complete Chapter) Relation Function- Class-11th (Complete Chapter) Permutations and Combinations-Class-11th (Complete Chapter) Inverse Trigonometric Functions (Complete Chapter) Limit, Continuity and Differentiability: Limit Method finding limit Sandwich Theorem Newton Leibnitz Theorem

Practice Test-8	Sunday, July 28, 2024	JEE Advanced-2	Online	Motion in a Plane-Class 11th (Complete Chapter) Laws of Motion-Class 11th (Complete Chapter) Work, Energy and Power-Class 11th (Complete Chapter) Centre of Mass & System of Particles-Class 11th (Complete Chapter) Rotational Motion-Class 11th (Complete Chapter) Gravitation-Class 11th (Complete Chapter) Current Electricity (Full Chapter) Capacitors (Full Chapter) Moving Charges and Magnetism (Full Chapter) Magnetism and Matter (Full Chapter)	Classification of Elements and Periodicity in Properties-Class 11th (Complete Chapter) Chemical Bonding and Molecular Structure-Class 11th (Complete Chapter) State of matter-Class 11th (Complete Chapter) Thermodynamics -Class 11th (Complete Chapter) Redox Reaction-Class 11th (Complete Chapter) Equilibrium-Class 11th (Complete Chapter) Haloalkanes and Haloarenes (Optical Isomerism & Hydrocarbon) (Complete Chapter) Alcohols, Phenols and Ethers (Complete Chapter)	Complex Number -I Class-11th (Complete Chapter) Sequence and Series- Class-11th (Complete Chapter) Relation Function- Class-11th (Complete Chapter) Permutations and Combinations-Class-11th (Complete Chapter) Binomial theorem-Class-11th (Complete Chapter) Straight Lines-Class-11th (Complete Chapter) Circles-Class-11th (Complete Chapter) Relations and Functions (Complete Chapter) Inverse Trigonometric Functions (Complete Chapter) Limit, Continuity and Differentiability (Complete Chapter)
Practice Test-9	**Sunday, August 11, 2024**	**Board Pattern Test-1**	**Online**	**Complete Syllabus Till Date**	**Complete Syllabus Till Date**	**Complete Syllabus Till Date**
Practice Test-10	Sunday, August 25, 2024	JEE Mains-4	Online	Mechanical Properties of Solids-Class 11th (Complete Chapter) Mechanical Properties of Fluids-Class 11th (Complete Chapter) Electromagnetic Induction (Complete Chapter) Alternating Current (Complete Chapter)	P-block Elements (Group 13 and 14)-Class 11th (Complete Chapter) Some Basic Principles and Techniques:IUPAC Nomenclature - Class 11th (Complete Chapter) Aldehydes, Ketones and Carboxylic Acids (Complete Chapter) Amines (Complete Chapter) Biomolecules (Complete Chapter) Coordination Compounds: Shape 1. Double salt 2. Co-ordination or Complex Compounds I. Perfect Complex II. Imperfect complex	Conic Sections:Parabola-Class-11th (Complete Chapter) Conic Sections:Ellipse-Class-11th (Complete Chapter) Conic Sections:Hyperbola-Class-11th (Complete Chapter) Method of Differentiation (Complete Chapter) Application of Derivatives: Tangent and normal Angle between two curves Shortest distnace between two curves Approximation and error Monotonicity Stationary points, Critical Points Maxima and Minima Global maxima/ global minima Concavity Rolle's theorem
Practice Test-11	**Sunday, September 15, 2024**	**AITS-01/Mains**	**Online**	**Electric Charges and Fields Electrostatic Potential and Capacitance Current Electricity Moving Charges and Magnetism Magnetism and Matter Electromagnetic Induction**	**Solutions Electrochemistry Chemical Kinetics Haloalkanes and Haloarenes Alcohols, Phenols and Ethers**	**Determinants Matrices Basic Mathematics Relations and Functions Inverse Trigonometric Functions Limit Continuity and Differentiability Method of Differentiation Application of Derivatives**
Practice Test-12	Sunday, September 29, 2024	JEE Advanced-3	Online	Mechanical Properties of Solids-Class 11th (Complete Chapter) Mechanical Properties of Fluids-Class 11th (Complete Chapter) Thermal Properties of Matter-Class 11th (Complete Chapter) Kinetic Theory-Class 11th (Complete Chapter) Electromagnetic Induction (Complete Chapter) Alternating Current (Complete Chapter) Electromagnetic Waves (Complete Chapter)	P-block Elements (Group 13 and 14)-Class 11th (Complete Chapter) Some Basic Principles and Techniques:IUPAC Nomenclature - Class 11th (Complete Chapter) Some Basic Principles and Techniques: Isomerism-Class 11th (Complete Chapter) Some Basic Principles and Techniques: General Organic Chemistry-Class 11th (Complete Chapter) Aldehydes, Ketones and Carboxylic Acids (Complete Chapter) Amines (Complete Chapter) Biomolecules (Complete Chapter) Coordination Compounds (Complete Chapter)	Conic Sections:Parabola-Class-11th (Complete Chapter) Conic Sections:Ellipse-Class-11th (Complete Chapter) Conic Sections:Hyperbola-Class-11th (Complete Chapter) Complex Number-II-Class-11th (Complete Chapter) Method of Differentiation (Complete Chapter) Application of Derivatives (Complete Chapter) Indefinite Integration (Complete Chapter) Definite Integration (Complete Chapter)
Practice Test-13	Sunday, October 13, 2024	JEE Mains-5	Online	Thermodynamics-Class 11th (Complete Chapter) Oscillations-Class 11th (Complete Chapter) Modern Physics (Complete Chapter)	Hydrocarbon-Class 11th (Complete Chapter) Purification and Analysis of Organic Compound-Class 11th (Complete Chapter) Principles of Qualitative Analysis:Salt analysis: Introduction ANALYSIS OF ANIONS (ACID RADICALS) INDIVIDUAL TEST OF ANIONS CLASS A RADICALS:GROUP 1 Group I involves anions which evolve gases on reaction with dil. HCl/dil. H2SO4 CLASS B RADICALS: Group II RADICALS DETECTED WITH THEIR SALTS SOLUTIONS ANALYSIS OF CATIONS (BASIC RADICALS) Separation of Cations Identification of Basic Radical	Statistics-Class-11th (Complete Chapter) Probability-Class-11th (Complete Chapter) Application of integrals (Complete Chapter) Differential Equation (Complete chapter)
Practice Test-14	Sunday, October 27, 2024	JEE Advanced-4	Online	Thermodynamics-Class 11th (Complete Chapter) Oscillations-Class 11th (Complete Chapter) Waves-Class 11th (Complete Chapter) Measuring Instruments-Class 11th (Complete Chapter) Modern Physics (Complete Chapter) Semiconductor Electronics: Materials, Devices and Simple Circuits (Complete Chapter)	Hydrocarbon-Class 11th (Complete Chapter) Purification and Analysis of Organic Compound-Class 11th (Complete Chapter) Hydrogen and its Compound-Class 11th (Complete Chapter) S-block Element-Class 11th (Complete Chapter) Environmental Chemistry-Class 11th (Complete Chapter) Principles of Qualitative Analysis:Salt analysis (Complete Chapter) The p-Block Elements (XII) (Complete Chapter)	Statistics-Class-11th (Complete Chapter) Probability-Class-11th (Complete Chapter) Introduction to Three Dimensional Geometry- Class-11th (Complete Chapter) Solution of Triangle-Class-11th (Complete Chapter) Definite Integration (Complete Chapter) Application of integrals (Complete Chapter) Differential Equation (Complete Chapter)
Practice Test-15	**Sunday, November 17, 2024**	**AITS-02/Mains**	**Online**	**Alternating Current Wave Optics Dual Nature of Radiation and Matter**	**Aldehydes, Ketones and Carboxylic Acids Amines Biomolecules Coordination Compounds The p-Block Elements The d and f-Block Elements**	**Indefinite Integration Definite Integration Application of Integrals Differential Equation Vector Algebra Three Dimensional Geometry**
Practice Test-16	**Sunday, December 1, 2024**	**Board Pattern Test-2**	**Online**	**Complete Syllabus Till Date**	**Complete Syllabus Till Date**	**Complete Syllabus Till Date**

Practice Test-17	Sunday, December 15, 2024	AITS-03/Mains	Online	**Electric Charges and Fields** **Electrostatic Potential and Capacitance** **Current Electricity** **Moving Charges and Magnetism** **Magnetism and Matter** **Electromagnetic Induction** **Alternating Current** **Wave Optics** **Dual Nature of Radiation and Matter**	**Solutions** **Electrochemistry** **Chemical Kinetics** **Haloalkanes and Haloarenes** **Alcohols, Phenols and Ethers** **Aldehydes, Ketones and Carboxylic Acids** **Amines** **Biomolecules** **Coordination Compounds** **The p-Block Elements** **The d and f-Block Elements**	**Determinants** **Matrices** **Basic Mathematics** **Relations and Functions** **Inverse Trigonometric Functions** **Limit Continuity and Differentiability** **Method of Differentiation** **Application of Derivatives** **Indefinite Integration** **Definite Integration** **Application of Integrals** **Differential Equation** **Vector Algebra** **Three Dimensional Geometry**
Practice Test-18	Sunday, December 22, 2024	AITS-04/Advanced	Online	**Electric Charges and Fields** **Electrostatic Potential and Capacitance** **Current Electricity** **Moving Charges and Magnetism** **Magnetism and Matter** **Electromagnetic Induction** **Alternating Current** **Wave Optics** **Dual Nature of Radiation and Matter**	**Solutions** **Electrochemistry** **Chemical Kinetics** **Haloalkanes and Haloarenes** **Alcohols, Phenols and Ethers** **Aldehydes, Ketones and Carboxylic Acids** **Amines** **Biomolecules** **Coordination Compounds** **The p-Block Elements** **The d and f-Block Elements**	**Determinants** **Matrices** **Basic Mathematics** **Relations and Functions** **Inverse Trigonometric Functions** **Limit Continuity and Differentiability** **Method of Differentiation** **Application of Derivatives** **Indefinite Integration** **Definite Integration** **Application of Integrals** **Differential Equation** **Vector Algebra** **Three Dimensional Geometry**
Practice Test-19	Sunday, January 5, 2025	AITS-05/Mains	Online	**Units and Dimensions** **Motion in a Straight Line** **Motion in a Plane** **Newton's Laws of Motion** **Work, Energy & Power** **Centre of Mass & System of Particles** **Rotational motion** **Gravitation**	**Structure of Atom** **Some Basic Concepts of Chemistry** **Classification of Elements and Periodicity in Properties** **Chemical Bonding and Molecular Structure** **Thermodynamics & Thermochemistry** **Redox Reaction** **Equilibrium** **P-block Element (Group 13 and 14)**	**Basic Maths** **Sets** **Trigonometric Functions** **Trigonometric Equation** **Quadratic Equations** **Sequence and Series** **Binomial theorem** **Permutations and Combinations** **Straight Lines** **Circles**
Practice Test-20	Sunday, January 12, 2025	AITS-06/Mains	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-21	Sunday, January 19, 2025	AITS-07/Mains	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-22	Sunday, February 2, 2025	Board Pattern Test-3	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-23	Sunday, February 9, 2025	AITS-08/Mains	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-24	Sunday, February 16, 2025	AITS-09/Advanced	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-25	Sunday, March 2, 2025	AITS-10/Mains	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-26	Sunday, March 16, 2025	AITS-11/Advanced	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-27	Sunday, March 23, 2025	AITS-12/Mains	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-28	Sunday, March 30, 2025	AITS-13/Mains	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-29	Sunday, April 20, 2025	AITS-14/Advanced	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-30	Sunday, May 4, 2025	AITS-15/Advanced	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-31	Sunday, May 11, 2025	AITS-16/Advanced	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**
Practice Test-32	Sunday, May 18, 2025	AITS-17/Advanced	Online	**Full Syllabus**	**Full Syllabus**	**Full Syllabus**