

JEE (MAIN + ADVANCED) : Topic Wise Syllabus & Schedule

For : Leader Test Series/Joint Package **Phase-II** (Class XII / XII Pass Students)

UNIT & REVIEW TEST

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test*	Subject	Topics Covered
1	12/10/2025	UNITTEST-1	JEE (ADVANCED)	1 PM-4 PM	PEN PAPER	Physics	Basic Maths Used In Physics, Unit & Dimension, Vectors, Geometrical Optics, Kinematics - 1D, 2D, Electrostatics, Newton's Laws of Motion, Friction, Gravitation
						Chemistry	Mole Concept & Eudiometry, Concentration Terms Solid State, Liquid Solution, Quantum Number & Electronic Configuration, Periodic Table & Periodic Properties, Chemical Kinetics, Chemical Bonding, Thermodynamics - 01, Thermochemistry, Thermodynamics - 02
						Mathematics	Sets, Numbers & Intervals, Fundamental of Algebra, Quadratic Equations, Function, Inverse Trigonometric Function, Logarithms, Sequence & Series, Limit, Continuity & Differentiability, Trigonometric Ratio & Identities, Method of Differentiation, Application Of Derivative
2	02/11/2025	UNITTEST-2	JEE (ADVANCED)	1 PM-4 PM	PEN PAPER	Physics	Circular Motion, Current Electricity, Work, Power, Energy, Capacitance
						Chemistry	Redox & Equivalent Concepts, Coordination Chemistry, Metallurgy, Nomenclature & Common Names, Electronic Displacement Effects, Halogen Derivatives, Alcohol & Ether, Hydrocarbon
						Mathematics	Trigonometric Ratio & Identities, Trigonometric Equation, Fundamental of Geometry, Indefinite Integration, Straight Line, Determinant, Definite Integration
3	23/11/2025	REVIEWTEST-1 (UNITTEST-1 & 2)	JEE (MAIN) (Paper - I)	P-1 : 9 AM-12 NOON	CBT	Physics	Basic Maths used in Physics, Vectors, Unit & Dimension, Geometrical Optics (Ray Optics, Optical Instruments), Kinematics 1-D (Motion in 1D), Kinematics 2-D (Projectile Motion), Electrostatics, Newton Laws of Motion and Friction, Gravitation, Circular Motion, Current Electricity, Work, Power, Energy, Capacitance
						Chemistry	Mole Concept & Eudiometry, Concentration Terms (Mole Concepts), Liquid Solution, Quantum Number & Electronic Configuration (Atomic structure), Periodic Table & Periodic Properties, Chemical Kinetics, Chemical Bonding, Thermodynamics - 01, Thermochemistry, Thermodynamics - 02 (Chemical Thermodynamics & Energetics), Redox & Equivalent Concepts, Coordination Chemistry, Nomenclature & Common Names, Electronic Displacement Effects, Halogen Derivatives, Alcohol & Ether, Hydrocarbon
						Mathematics	Sets, Numbers & Intervals, Fundamental of Algebra (Basic Maths), Quadratic Equations, Function, Inverse Trigonometric Function, Logarithms (Basic Maths), Sequence & Series, Limit, Continuity & Differentiability, Trigonometric Ratio & Identities, Method of Differentiation, Application of Derivative, Trigonometric Ratio & Identities, Fundamental of Geometry, Indefinite Integration, Straight Line, Determinant, Definite Integration
			JEE (ADVANCED) (Paper - II)	P-2 : 1 PM-4 PM	CBT	Physics	Basic Maths Used In Physics, Unit & Dimension, Vectors, Geometrical Optics, Kinematics - 1D, 2D, Electrostatics, Newton Laws of Motion, Friction, Gravitation, Circular Motion, Current Electricity, Work, Power, Energy, Capacitance
						Chemistry	Mole Concept & Eudiometry, Concentration Terms Solid State, Liquid Solution, Quantum Number & Electronic Configuration, Periodic Table & Periodic Properties, Chemical Kinetics, Chemical Bonding, Thermodynamics - 01, Thermochemistry, Thermodynamics - 02, Redox & Equivalent Concepts, Coordination Chemistry, Metallurgy, Nomenclature & Common Names, Electronic Displacement Effects, Halogen Derivatives, Alcohol & Ether, Hydrocarbon

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						Mathematics	Sets, Numbers & Intervals, Fundamental of Algebra, Quadratic Equations, Function, Inverse Trigonometric Function, Logarithms, Sequence & Series, Limit, Continuity & Differentiability, Trigonometric Ratio & Identities, Method of Differentiation, Application Of Derivative, Trigonometric Equation, Fundamental Of Geometry, Indefinite Integration, Straight Line, Determinant, Definite Integration
4	07/12/2025	UNIT TEST-3	JEE (ADVANCED)	1 PM-4 PM	PEN PAPER	Physics	Center of Mass, Momentum & Collision, Magnetic Effect Of Current, Rotational Dynamics, Electromagnetic Induction (EMI), Elasticity, Thermal Expansion, Calorimetry & Heat Transfer, Alternating Current
						Chemistry	Electronic Displacement Effects, Acidic Strength & Basic Strength, Carbonyl Compound, Oxidation, Reduction, Aldol & Similar Name Reactions, Ideal Gas, Real Gas, Ionic Equilibrium, Electrochemistry, Atomic Structure, Surface Chemistry, Salt Analysis, Heating Effect, Reactions of Salt Analysis
						Mathematics	Circle, Area Under The Curve, Differential Equation, Parabola, Ellipse, Hyperbola, Matrices, Permutation & Combination, Binomial Theorem, Vectors
5	21/12/2025	UNIT TEST-4	JEE (ADVANCED)	1 PM-4 PM	PEN PAPER	Physics	KTG, Thermodynamics, Wave of String, Sound Wave, EM Waves, Wave Optics, Fluid Mechanics, Simple Harmonic Motion, Modern Physics, Error In Measurements & Instruments, Semiconductor, Principle of Communication
						Chemistry	Chemical Equilibrium, s - Block Element & d - Block Compounds, p - Block Element, Hydrogen And Its Compounds, f - Block Element, Environmental Chemistry, Isomerism, Purification & Characteristics Of Organic Compounds, Carboxylic Acids & Its Derivative, Aliphatic Amines, Aromatic Compounds, Biomolecules, Polymer And Practical Organic Chemistry, Separation Techniques, Chemistry In Every Day Life
						Mathematics	Complex Number, 3- Dimensional Geometry, Relation, Statistics, Probability
6	28/12/2025	REVIEW TEST-2 (UNIT TEST-3 & 4)	JEE (MAIN) (Paper - I)	P-1 : 9 AM-12 NOON	CBT	Physics	Centre of Mass (Momentum & Collision), Magnetic Effect of Current, Rotational Motion, Electromagnetic Induction (EMI), Elasticity, Thermal Expansion, Calorimetry, Heat Transfer, Alternating Current, KTG, Thermodynamics, Sound Wave, EM Waves, Wave Optics, Fluid Mechanics, Simple Harmonic Motion (SHM), Modern Physics, Error in Measurements & Instruments, Semiconductor
						Chemistry	Electronic Displacement Effects, Carbonyl Compound, Oxidation, Reduction, Aldol & Similar Name Reactions, Acidic Strength & Basic Strength, Atomic Structure (Upto Bohr Model), Ionic Equilibrium, Electrochemistry, Atomic Structure, Salt Analysis, Heating Effect, Reactions of Salt Analysis (Practical Chemistry), Chemical Equilibrium, d - Block Compounds, p - Block Element, f - Block Element, Isomerism, Purification & Characteristics of Organic Compounds, Carboxylic Acids & Its Derivative, Aliphatic Amines, Aromatic Compounds, Biomolecules, Practical Organic Chemistry, Separation Techniques
						Mathematics	Circle, Area Under The Curve, Differential Equation, Parabola, Ellipse, Hyperbola (Conic Section), Matrices, Permutation & Combination, Binomial Theorem, Vector, 3- Dimensional Geometry, Complex Number, Relation, Statistics, Probability

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	28/12/2025	REVIEW TEST-2 (UNIT TEST-3 & 4)	JEE (ADVANCED) (Paper - II)	P-2 : 1 PM-4 PM	CBT	Physics	Center of Mass, Momentum & Collision, Magnetic Effect Of Current, Rotational Dynamics, Electromagnetic Induction (EMI), Elasticity, Thermal Expansion, Calorimetry & Heat Transfer, Alternating Current, KTG, Thermodynamics, Wave of String, Sound Wave, EM Waves, Wave Optics, Fluid Mechanics, Simple Harmonic Motion, Modern Physics, Error In Measurements & Instruments, Semiconductor, Principle of Communication
						Chemistry	Electronic Displacement Effects, Acidic Strength & Basic Strength, Carbonyl Compound, Oxidation, Reduction, Aldol & Similar Name Reactions, Ideal Gas, Real Gas, Ionic Equilibrium, Electrochemistry, Atomic Structure, Surface Chemistry, Salt Analysis, Heating Effect, Reactions of Salt Analysis, Chemical Equilibrium, s-Block Element & d-Block Compounds, p-Block Element, Hydrogen And Its Compounds, f-Block Element, Environmental Chemistry, Isomerism, Purification & Characteristics of Organic Compounds, Carboxylic Acids & Its Derivative, Aliphatic Amines, Aromatic Compounds, Biomolecules, Polymer And Practical Organic Chemistry, Separation Techniques, Chemistry In Every Day Life
						Mathematics	Circle, Area Under The Curve, Differential Equation, Parabola, Ellipse, Hyperbola, Matrices, Permutation & Combination, Binomial Theorem, Vectors, Complex Number, 3- Dimensional Geometry, Relation, Statistics, Probability
MAJOR TEST#							
1	04/01/2026	MAJOR TEST	JEE (MAIN)	9 AM-12 NOON	CBT	Physics	Full Syllabus
						Chemistry	
						Mathematics	
2	11/01/2026	MAJOR TEST	JEE (MAIN) (ALL INDIA OPEN TEST)	9 AM-12 NOON	CBT	Physics	Full Syllabus
						Chemistry	
						Mathematics	
3	18/01/2026	MAJOR TEST	JEE (MAIN)	1 PM-4 PM	PEN PAPER	Physics	Full Syllabus
						Chemistry	
						Mathematics	

#Dates of Remaining Major Tests will be Declared in the Month of Dec. 2025

NOTE:

- * If the number of students are less /minimum at the CBT Center or due to the non-availability of computer labs; the test will be available on your **ALLEN App/Web** (allen.in) in **ONLINE CBT mode** (attempt test paper from home in online mode) as per the schedule.
- Under any unforeseen circumstances, if it is not possible to conduct a test in **CBT mode/Pen Paper** at center then the test will be available on your **ALLEN App/Web panel in ONLINE CBT mode** (attempt test paper from home in online mode) as per the schedule.
- For each CBT Test, the student has to download and print their CBT Admit Card from **User Control Panel**.
- For **JEE (MAIN)** pattern tests please refer JEE (MAIN) syllabus only.
- Number of Tests/Dates/Timings/Pattern may differ according to the dates of Main Exams declared by the exam governing body.
- If the Students are unable to attempt the exam on the pre-scheduled Test Dates due to late registration or absence can avail their missed exams as **Practice Tests on the ALLEN App/Web panel** and will also get the All India Predicted Rank (PR) among the pool of students after the declaration of AIR for the particular test.
- DLP question paper & answer key will be available after completion the exam on **ALLEN App/Web** (allen.in) in PDF format (downloadable & printable format).