

JEE(Main+Advanced) : Topic Wise Syllabus & Schedule

For : Leader Computer Based Test Series (Class XII / XII Pass Students)

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
1	16/08/2026	REVIEW TEST - 1	JEE (MAIN)	9 AM-12 NOON	CBT	Physics	Basic Maths Used In Physics, Unit & Dimension, Vectors, Geometrical Optics, Kinematics - 1D, 2D, Electrostatics, Newton Laws of Motion, Friction, Gravitation
			JEE (ADVANCED)	1 PM-4 PM		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	27/09/2026	SEMI MAJOR TEST - 1	JEE (MAIN)	9 AM-12 NOON	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
			JEE (ADVANCED)	1 PM-4 PM		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
			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 Ratio & Identities, Trigonometric Equation, Fundamental Of Geometry, Indefinite Integration, Straight Line, Determinant, Definite Integration			
3	22/11/2026	REVIEW TEST - 2	JEE (MAIN)	9 AM-12 NOON	CBT	Physics	Center of Mass, Momentum & Collision, Magnetic Effect of Current, Rotational Motion, Electromagnetic Induction (EMI), Elasticity, Thermal Expansion, Calorimetry & Heat Transfer, Alternating Current
			JEE (ADVANCED)	1 PM-4 PM		Chemistry	Electronic Displacement Effects, Carbonyl Compound, Oxidation, Reduction, Aldol & Similar Name Reactions, Acidic Strength & Basic Strength, Ideal Gas, Real Gas, Atomic Structure (Upto Bohr Model), 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			

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Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
4	27/12/2026	SEMI MAJOR TEST - 2	JEE (MAIN)	9 AM-12 NOON	CBT	Physics	Center of Mass, Momentum & Collision, Magnetic Effect of Current, Rotational Motion, Electromagnetic Induction (EMI), Elasticity, Thermal Expansion, Calorimetry & Heat Transfer, Alternating Current, KTG , Thermodynamics, Wave on String, Sound Wave, EM Waves, Wave Optics, Fluid Mechanics, Simple Harmonic Motion, Modern Physics, Error in Measurements & Instruments, Semiconductor
			JEE (ADVANCED)	1 PM-4 PM		Chemistry	Electronic Displacement Effects, Carbonyl Compound , Oxidation, Reduction, Aldol & Similar Name Reactions, Acidic Strength & Basic Strength, Ideal Gas, Real Gas, Atomic Structure (Upto Bohr Model), Electrochemistry, Atomic Structure, Surface Chemistry, Salt Analysis, Heating Effect, Reactions of Salt Analysis, Chemical Equilibrium , Ionic 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



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MAJOR TEST

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
1	03/01/2027	MAJOR TEST	JEE (MAIN)	9 AM-12 NOON	CBT	Physics	Full Syllabus
						Chemistry	
						Mathematics	
2	10/01/2027	MAJOR TEST	JEE (MAIN) (ALL INDIA OPENTEST)	9 AM-12 NOON	CBT	Physics	Full Syllabus
						Chemistry	
						Mathematics	
3	14/02/2027	MAJOR TEST	JEE (ADVANCED) (2 PAPERS)	9 AM-12 NOON	CBT	Physics	Full Syllabus
				2 PM-5 PM		Chemistry	
				Mathematics			

Important: Dates of Remaining Major Tests will be Declared in the Month of Dec. 2026.

Note:

- On the date of the COMPUTER BASED TEST (CBT) Exam, No hard copy paper will be given/conducted.
- Mode of test will be CBT as per given in the test schedule. No live "Online CBT" exam will be given.
- For each CBT, the student has to download and print their CBT Admit Card from Student 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.
- For detailed syllabus please visit **Download Schedule and Syllabus** section in Student Zone or refer Syllabus Booklet.
- DLP question paper & answer key will be available after completion the exam in PDF format (downloadable & printable format).
- Test syllabus may be change as per NTA/Exam governing body notification.
- Under any unforeseen circumstances, if it is not possible to conduct a test in **CBT** mode at center then the test will be available in **ONLINE CBT** mode (attempt test paper from home in online mode) as per the schedule.
- 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** and will also get the All India Predicted Rank (PR) among the pool of students **after the declaration of AIR** for the particular test.
- ALL INDIA OPENTEST:** AIOT provides vast exposure, ranking and analysis on the national level to compete with ALLEN'S current year Classroom students.

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