

JEE (Main) : Topic Wise Syllabus & Schedule

For : Major Test Series (Class XII / XII Pass Students)

MAJOR TEST

Test No.	Test Date	Day	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
1	22\12\2024	Sunday	REVIEWTEST-1	JEE (MAIN)	9 AM-12 NOON	Online CBT on DSAT (Available in Online CBT mode for Practice)	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, 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 Equation, Fundamental Of Geometry, Indefinite Integration, Straight Line, Determinant, Definite Integration
2	29\12\2024	Sunday	REVIEWTEST-2	JEE (MAIN)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	Center of Mass, Momentum & Collision, Magnetic Effect Of Current, Electromagnetic Induction (EMI), Elasticity, Thermal Expansion, Calorimetry & Heat Transfer, Alternating Current, KTG, Thermodynamics, Sound Wave, EM Waves, Wave Optics, Fluid Mechanics, Simple Harmonic Motion, Modern Physics, Error In Measurements & Instruments, Semiconductor
							Chemistry	Electronic Displacement Effects, Acidic Strength & Basic Strength, Carbonyl Compound, Oxidation, Reduction, Aldol & Similar Name Reactions, Ionic Equilibrium, Electrochemistry, Atomic Structure, Salt Analysis, Heating Effect, Reactions of Salt Analysis, 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, Polymer And Practical Organic Chemistry, Separation Techniques
							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
3	05\01\2025	Sunday	Major Test-1	JEE (MAIN)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	

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4	12\01\2025	Sunday	Major Test-2	JEE (MAIN) (ALL INDIA OPENTEST)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	
5	19\01\2025	Sunday	Major Test-3	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	
6	02\02\2025	Sunday	Major Test-4	JEE (MAIN)	1 PM-4 PM	PEN PAPER	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	
7	16\02\2025	Sunday	Major Test-5	JEE (MAIN)	9 AM-12 NOON	CBT	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	
8	02\03\2025	Sunday	Major Test-6	JEE (MAIN)	1 PM-4 PM	PEN PAPER	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	
9	09\03\2025	Sunday	Major Test-7	JEE (MAIN)	9 AM-12 NOON	CBT	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	
10	16\03\2025	Sunday	Major Test-8	JEE (MAIN)	2 PM-5 PM	PEN PAPER	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	
11	23\03\2025	Sunday	Major Test-9	JEE (MAIN) (ALL INDIA OPENTEST)	9 AM-12 NOON	CBT	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	
12	30\03\2025	Sunday	Major Test-10	JEE (MAIN)	2 PM-5 PM	PEN PAPER	Physics	FULL SYLLABUS
							Chemistry	
							Mathematics	



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IMPORTANT : 1. 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 DSAT panel (dsat.allen.ac.in) in ONLINE CBT mode (attempt test paper from home in online mode) as per the schedule. | 2. DLP question paper & answer key will be available after completion the exam on DSAT (dsat.allen.ac.in) in PDF format (downloadable & printable format). | 3. Number of tests, dates, timings, syllabus & pattern may differ according to the notification/dates of Main Exams declared by the exam governing body. | 4. Under any unforeseen circumstances, if it is not possible to conduct a test in **Computer Based Test / Pen Paper** mode at center then the test will be available on your DSAT panel (dsat.allen.ac.in) in **ONLINE CBT** mode (attempt test paper from home in online mode) as per the schedule. | 5. 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 DSAT 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. | 6. **ALL INDIA OPEN TEST** : AIOT provides vast exposure, ranking and analysis on the national level to compete with ALLEN'S current year Classroom students. | 7. Students are advised to keep visiting the official website dlp.allen.ac.in for the latest updates