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

Session : 2026-27

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

Test No	Test Date	Test Day	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
1	**15/11/2026**	Sunday	PRACTICE TEST - 1	JEE (ADVANCED)	10 AM-1 PM	ONLINE	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	**22/11/2026**	Sunday	SEMI MAJOR TEST - 1	JEE (MAIN) (Paper - I)	1-SHIFT	CBT/ONLINE	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)	2-SHIFT		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
							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, Indenite Integration, Straight Line, Determinant, Definite Integration

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Test No	Test Date	Test Day	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
3	27/12/2026	Sunday	SEMI MAJOR TEST - 2	JEE (MAIN) (Paper - I)	1-SHIFT	CBT/ONLINE	Physics	Centre of Mass (Momentum & Collison), 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 Measurments & 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, Alphatic 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
				JEE (ADVANCED) (Paper - II)	2-SHIFT		Physics	Center of Mass, Momentum & Collison, 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 Measurments & Instruments, Semiconductor
							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, Alphatic 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
4	03/01/2027	Sunday	MAJOR TEST - 1	JEE (MAIN)	1-SHIFT	CBT/ONLINE	Physics	Full Syllabus
							Chemistry	
							Mathematics	
5	10/01/2027	Sunday	MAJOR TEST -2	JEE (MAIN) AIOT	1-SHIFT	CBT/ONLINE	Physics	Full Syllabus
							Chemistry	
							Mathematics	

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Test No	Test Date	Test Day	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
6	**17/01/2027**	Sunday	MAJOR TEST -3	JEE (MAIN)	10 AM-1 PM	ONLINE CBT	Physics Chemistry Mathematics	Full Syllabus

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

TEST TIMINGS*		
MODE OF TEST	**FIRST SHIFT**	**SECOND SHIFT**
CBT/ONLINE	10 AM - 1 PM	2 PM - 5 PM

Shifts will be allotted randomly and are non-changeable.
CBT may be conducted in multiple shifts. Your test shift timing will be mentioned on your Admit Card. Admit Cards can be downloaded from the website 2 days before the CBT exam date.

Note :

1. Number of Tests/Dates/Timings/Mode/Pattern may differ according to the dates of Main Exams declared by the exam governing body.

2. On the date of the COMPUTER BASED TEST (CBT) Exam, No hard copy paper will be given/conducted.

3. Make sure your payment is completed at least 7 days before the scheduled CBT exam so that you can appear in the exam without any hurdle. Students enrolled within 6 days of the scheduled CBT exam will be eligible for Re-attempt (Practice Test) / Online CBT on the ALLEN App & Web.

4. For each CBT, the student has to download and print their CBT Admit Card from Student Control Panel, which will be available for download on the website 2 days before the CBT date.

5. For **JEE (MAIN)** pattern tests please refer JEE (MAIN) syllabus only.

6. For detailed syllabus please visit **Download Schedule and Syllabus** section in Student Zone or refer Syllabus Booklet.

7. DLP question paper & answer key will be available after completion the exam in PDF format (downloadable & printable format).

8. Test syllabus may be change as per NTA/Exam governing body notification.

9. Under any unforeseen circumstances, if it is not possible to conduct a test in **CBT/Pen Paper** 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.

10. 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 in **ONLINE CBT** mode (attempt test paper from home in online mode) as per the schedule.

11. 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 (Re-attempt)** and will also get the All India Predicted Rank (PR) among the pool of students after the declaration of AIR for the particular test.

12. **ALL INDIA OPEN TEST** : AIOT provides vast exposure, ranking and analysis on the national level to compete with ALLEN'S current year Classroom students.