



# JEE(Main) : Topic Wise Syllabus & Schedule

For : Nurture Test Series/Joint Package (Class XI Undergoing Students)

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
1	03/07/2022	UNITTEST- 1	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement
						Chemistry	Mole Concept
						Mathematics	Trigonometric Ratios and Identities
2	17/07/2022	UNITTEST- 2	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Kinematics (Motion along a straight line and Motion in a plane)
						Chemistry	Atomic structure
						Mathematics	Quadratic Equations
3	31/07/2022	UNITTEST- 3	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Laws of Motion and Friction
						Chemistry	Periodic properties, Basic inorganic nomenclature
						Mathematics	Trigonometric Equations, Height and Distance
4	14/08/2022	REVIEWTEST-1	JEE (MAIN)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	Syllabus of Test No. 1, 2 & 3 (Unit Test- 1 to 3)
						Chemistry	
						Mathematics	
5	28/08/2022	UNITTEST- 4	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Work, Energy & Power, Circular Motion
						Chemistry	Chemical Bonding
						Mathematics	Point and Straight Line
6	11/09/2022	UNITTEST- 5	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Conservation Laws-Collisions and Centre of Mass
						Chemistry	Redox & equivalent concept, Chemical Equilibrium
						Mathematics	Circle
7	25/09/2022	REVIEWTEST-2	JEE (MAIN)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	Syllabus of Test No. 1 to 6 (Unit Test- 1 to 5)
						Chemistry	
						Mathematics	
8	09/10/2022	UNITTEST- 6	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Rotational Motion
						Chemistry	Organic nomenclature, Basic principles of practical organic chemistry, State of matter (Gaseous State)
						Mathematics	Sequences and Series
9	30/10/2022	UNITTEST- 7	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics)
						Chemistry	Ionic Equilibrium, Acid Base theory, s-block elements & hydrogen, Boron & Carbon family
						Mathematics	Permutation & Combination and Binomial Theorem
10	11/12/2022	UNITTEST- 8	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Gravitation, Properties of matter and Fluid Mechanics
						Chemistry	GOC (application of electronic effect, aromaticity, application of Inductive, Resonance, Hyperconjugation effect on stability of intermediates)
						Mathematics	Complex Numbers, Principle of Mathematical Induction
11	08/01/2023	REVIEWTEST-3	JEE (MAIN)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	Syllabus of Test No. 8, 9 & 10 (Unit Test- 6 to 8)
						Chemistry	
						Mathematics	



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12	22/01/2023	UNITTEST- 9	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Oscillations (SHM, damped and forced oscillations & Resonance)
						Chemistry	GOC (acidic & basic strength),isomerism (Geometrical & Structural)
						Mathematics	Parabola, Ellipse & Hyperbola
13	05/02/2023	UNITTEST- 10	JEE (MAIN)	1 PM-4 PM	PEN PAPER (Available in Online CBT mode for Practice)	Physics	Wave Motion and Doppler's Effect
						Chemistry	Alkane, Alkenes & Alkynes, Chemical Thermodynamics & Thermochemistry, Aromatichydrocarbon, environmental chemistry
						Mathematics	Functions, [Limits and Derivatives and Three Dimensional Geometry, Probability (AlIElementary Level)], [Sets, Relation, Statistics, Mathematical Reasoning]
14	19/02/2023	REVIEWTEST-4	JEE (MAIN)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	Syllabus of Test No. 8 to 13 (Unit Test- 6 to 10)
						Chemistry	
						Mathematics	
MAJOR TEST							
1	05/03/2023	MAJORTEST	JEE (MAIN)	9 AM-12 NOON	ONLINE CBT (Available in Online CBT mode for Practice)	Physics	Full Syllabus
						Chemistry	
						Mathematics	
2	19/03/2023	MAJORTEST	JEE (MAIN)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	Full Syllabus
						Chemistry	
						Mathematics	
3	02/04/2023	MAJORTEST	JEE (MAIN)	9 AM-12 NOON	ONLINE CBT (Available in Online CBT mode for Practice)	Physics	Full Syllabus
						Chemistry	
						Mathematics	
4	16/04/2023	MAJORTEST	JEE (MAIN)	9 AM-12 NOON	ONLINE CBT (Available in Online CBT mode for Practice)	Physics	Full Syllabus
						Chemistry	
						Mathematics	
5	30/04/2023	MAJORTEST	JEE (MAIN)	9 AM-12 NOON	CBT (Available in Online CBT mode for Practice)	Physics	Full Syllabus
						Chemistry	
						Mathematics	

**Note :** 1. On the date of the COMPUTER BASED TEST (CBT) Exam, No hard copy paper will be given/conducted. | 2. For each CBT Test, the student has to download and print their CBT Admit Card from Student Control Panel. | 3. Number of Tests/Dates/Timings may differ according to the dates of Main Exams declared by the exam governing body. | 4. For detailed syllabus please visit **Download Schedule and Syllabus** section in Student Zone or refer Syllabus Booklet. | 5. DLP question paper & answer key will be available after completion the exam on DSAT (dsat.allen.ac.in) in PDF format (downloadable & printable format). | 6. 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 on your DSAT panel in **ONLINE CBT** mode (attempt test paper from home in online mode) as per the schedule. | 7. Students who were not able to attempt the exam on the Test Date due to late registration or absence, can avail their missed exams as **Practice Test on DSAT** panel and will also get the All India Predicted Rank (PR) **after the AIR declaration** of the particular test.