

# JEE(Main) : Topic Wise Syllabus & Schedule

For : Nurture Computer Based Test Series (Class XI Undergoing Students)

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
1	14/08/2022	REVIEW TEST-1	JEE (MAIN)	9 AM-12 NOON	CBT AT CENTER (Available in Online CBT mode for Practice)	Physics	Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement, Kinematics (Motion along a straight line and Motion in a plane), Laws of Motion and Friction
						Chemistry	Mole Concept, Atomic structure, Periodic properties, Basic inorganic nomenclature
						Mathematics	Trigonometric Ratios and Identities, Quadratic Equations Trigonometric Equations, Height and Distance
2	25/09/2022	REVIEW TEST-2	JEE (MAIN)	9 AM-12 NOON	CBT AT CENTER (Available in Online CBT mode for Practice)	Physics	Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement, Kinematics (Motion along a straight line and Motion in a plane), Laws of Motion and Friction, Work, Energy & Power, Circular Motion, Conservation Laws-Collisions and Centre of Mass
						Chemistry	Mole Concept, Atomic structure, Periodic properties, Basic inorganic nomenclature, Chemical Bonding, Redox & equivalent concept, Chemical Equilibrium
						Mathematics	Trigonometric Ratios and Identities, Quadratic Equations, Trigonometric Equations, Height and Distance, Point and Straight Line, Circle
3	08/01/2023	REVIEW TEST-3	JEE (MAIN)	9 AM-12 NOON	CBT AT CENTER (Available in Online CBT mode for Practice)	Physics	Rotational Motion, Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Gravitation, Properties of matter and Fluid Mechanics
						Chemistry	Organic nomenclature, Basic principles of practical organic chemistry, State of matter (Gaseous State), Ionic Equilibrium, Acid Base theory, s-block elements & hydrogen, Boron & Carbon family, GOC (application of electronic effect, aromaticity, application of Inductive, Resonance, Hyperconjugation effect on stability of intermediates)
						Mathematics	Sequences and Series, Permutation & Combination and Binomial Theorem, Complex Numbers, Principle of Mathematical Induction
4	19/02/2023	REVIEW TEST-4	JEE (MAIN)	9 AM-12 NOON	CBT AT CENTER (Available in Online CBT mode for Practice)	Physics	Rotational Motion, Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Gravitation, Properties of matter and Fluid Mechanics, Oscillations (SHM, damped and forced oscillations & Resonance), Wave Motion and Doppler's Effect
						Chemistry	Organic nomenclature, Basic principles of practical organic chemistry, State of matter (Gaseous State), Ionic Equilibrium, Acid Base theory, s-block elements & hydrogen, Boron & Carbon family, GOC (application of electronic effect, aromaticity, application of Inductive, Resonance, Hyperconjugation effect on stability of intermediates), GOC (acidic & basic strength), isomerism (Geometrical & Structural), Alkane, Alkenes & Alkynes, Chemical Thermodynamics & Thermochemistry, Aromatic hydrocarbon, environmental chemistry
						Mathematics	Sequences and Series, Permutation & Combination and Binomial Theorem, Complex Numbers, Principle of Mathematical Induction, Parabola, Ellipse & Hyperbola, Functions, [Limits and Derivatives and Three Dimensional Geometry, Probability (All Elementary Level)], [Sets, Relation, Statistics, Mathematical Reasoning]

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## Major Test

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Mode of Test	Subject	Topics Covered
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 AT CENTER (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 AT CENTER (Available in Online CBT mode for Practice)	Physics	Full Syllabus
						Chemistry	
						Mathematics	

### NOTE:

1. ONLINE CBT : Attempt test from home in online mode on your device (PC, Laptop, Mobile) at DSAT (dsat.allen.ac.in) panel.
2. If the number of students are less /minimum at CBT Center then the test will be available on your DSAT (dsat.allen.ac.in) panel in ONLINE CBT mode (attempt test paper from home in online mode) as per the schedule.
3. Under any unforeseen circumstances, if it is not possible to conduct a test in CBT 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.
4. For each CBT Test, the student has to download and print their CBT Admit Card from User Control Panel.
5. For JEE (MAIN) pattern tests please refer JEE (MAIN) syllabus only.
6. Number of Tests/Dates/Timings/Pattern may differ according to the dates of Main Exams declared by the exam governing body.
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.
8. DLP question paper & answer key will be available after completion the exam on DSAT (dsat.allen.ac.in) in PDF format (downloadable & printable format).