



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

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

Test No.	Test Date	Test Type	Test Pattern	Test Timings	Subject	Topics Covered
1	29/08/2021	REVIEW TEST-1 (Available in Online CBT mode for Practice)	JEE (MAIN)	9 AM-12 NOON	Physics	Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement, Kinematics, Laws of Motion and Friction
			JEE (ADVANCED)	1 PM-4 PM	Chemistry	Mole Concept, Atomic structure, Periodic properties, Basic inorganic nomenclature
					Mathematics	**Logarithms, Trigonometric Ratios and Identities, Quadratic Equations & *Linear Inequilities, Trigonometric Equations, **Solution of Triangles, *Height and Distance
2	10/10/2021	REVIEW TEST-2 (Available in Online CBT mode for Practice)	JEE (ADVANCED) (2 PAPERS)	P-1 : 9 AM-12 NOON P-2 : 1 PM-4 PM	Physics	Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement, Kinematics, Laws of Motion and Friction, Work, Energy & Power, Centre of Mass & Collisions
					Chemistry	Mole Concept, Atomic structure, Periodic properties, Basic inorganic nomenclature, Chemical Bonding, Redox & equivalent concept, Chemical Equilibrium
					Mathematics	**Logarithms, Trigonometric Ratios and Identities, Quadratic Equations & *Linear Inequilities, Trigonometric Equations, **Solution of Triangles, *Height and Distance, Point and Straight Line, Circle
3	19/12/2021	REVIEW TEST-3 (Available in Online CBT mode for Practice)	JEE (MAIN)	9 AM-12 NOON	Physics	Rotational Motion, Thermal Physics (Thermal Expansion, Calorimetry , Heat Transfer, KTG & Thermodynamics), Gravitation, Properties of matter and Fluid Mechanics
			JEE (ADVANCED)	1 PM-4 PM	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	20/02/2022	REVIEW TEST-4 (Available in Online CBT mode for Practice)	JEE (ADVANCED) (2 PAPERS)	P-1 : 9 AM-12 NOON P-2 : 1 PM-4 PM	Physics	Rotational Motion, Thermal Physics (Thermal Expansion, Calorimetry , Heat Transfer, KTG & Thermodynamics), Gravitation, Properties of matter and Fluid Mechanics, Simple Harmonic Motion, Waves(String & Sound waves)
					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 Derivaties and Three Dimensional Geometry, Probability (All Elementary Level)], *[Sets, Relation, Statistics, Mathematical Reasoning]
MAJOR TEST						
1	13/03/2022	MAJOR TEST (Available in Online CBT mode for Practice)	JEE (ADVANCED) (2 PAPERS)	P-1 : 9 AM-12 NOON P-2 : 1 PM-4 PM	Physics	Full Syllabus
					Chemistry	
					Mathematics	
2	27/03/2022	MAJOR TEST (Available in Online CBT mode for Practice)	JEE (MAIN)	9 AM-12 NOON	Physics	Full Syllabus
					Chemistry	
					Mathematics	
3	10/04/2022	MAJOR TEST (Available in Online CBT mode for Practice)	JEE (ADVANCED) (2 PAPERS)	P-1 : 9 AM-12 NOON P-2 : 1 PM-4 PM	Physics	Full Syllabus
					Chemistry	
					Mathematics	
4	08/05/2022	MAJOR TEST	JEE (ADVANCED) (2 PAPERS)	P-1 : 9 AM-12 NOON P-2 : 2 PM-5 PM	Physics	Full Syllabus
					Chemistry	
					Mathematics	
5	28/05/2022	MAJOR TEST	JEE (MAIN)	9 AM-12 NOON	Physics	Full Syllabus
					Chemistry	
					Mathematics	

*Marked Topic/Topics are only in JEE (MAIN) Syllabus. | **Marked Topic/Topics are only in JEE (ADVANCED) Syllabus.

NOTE:

- 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
- For each CBT Test, the student has to download and print their CBT Admit Card from **User 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.
- 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.
- DLP question paper & answer key will be available after completion the exam on DSAT (dsat.allen.ac.in) in PDF format (downloadable & printable format).