

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	16/08/2020	REVIEW TEST-1	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)	2 PM-5 PM	Chemistry	Mole Concept, Atomic structure, Periodic properties, Basic inorganic nomenclature
					Mathematics	**Logarithms, Trigonometric Ratios and Identities, Quadratic Equations & *Linear Inequalities, Trigonometric Equations, **Solution of Triangles, *Height and Distance
2	27/09/2020	REVIEW TEST-2	JEE (ADVANCED) (2 PAPERS)	P-1 : 9 AM-12 NOON P-2 : 2 PM-5 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 Inequalities, Trigonometric Equations, **Solution of Triangles, *Height and Distance, Point and Straight Line, Circle
3	22/11/2020	REVIEW TEST-3	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)	2 PM-5 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	24/01/2021	REVIEW TEST-4	JEE (ADVANCED) (2 PAPERS)	P-1 : 9 AM-12 NOON P-2 : 2 PM-5 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 Derivatives and Three Dimensional Geometry, Probability (All Elementary Level)], *[Sets, Relation, Statistics, Mathematical Reasoning]
MAJOR TEST						
1	07/02/2021	MAJOR TEST	JEE (MAIN) (ALL INDIA OPEN TEST)	9 AM-12 NOON	Physics Chemistry Mathematics	Full Syllabus
2	07/03/2021	MAJOR TEST	JEE (MAIN) (ALL INDIA OPEN TEST)	9 AM-12 NOON	Physics Chemistry Mathematics	Full Syllabus
3	21/03/2021	MAJOR TEST	JEE (MAIN)	9 AM-12 NOON	Physics Chemistry Mathematics	Full Syllabus
4	25/04/2021	MAJOR TEST	JEE (ADVANCED) (2 PAPERS)	P-1 : 9 AM-12 NOON P-2 : 2 PM-5 PM	Physics Chemistry Mathematics	Full Syllabus

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

NOTE : 1. For each CBT Test, the student has to download and print their CBT Admit Card from Student Control Panel. | 2. For **JEE (MAIN)** pattern tests please refer JEE (MAIN) syllabus only.

3. Number of Tests/Dates/Timings may differ according to the dates of Main Exams declared by the exam governing body. | 4. Students who missed CBT due to late registration or absence can avail **CBT practice Test** Online after the declaration of AIR on <http://dsat.allen.ac.in> | 5. CBT Paper & Answer key will be available in PDF format on DSAT control panel after every CBT exam.