

IIT-JEE (MAIN + ADVANCED) : 2024-25

ENTHUSIAST COURSE : SCORE-I

IMPORTANT :

IF THERE IS ANY ADDITIONAL TOPIC(S) IN JEE MAIN OR JEE ADVANCED PAPER THEN IT HAS BEEN HIGHLIGHTED. REMAINING TOPICS ARE COMMON IN BOTH PAPERS.

Test Date	Day	Pattern	Test Timing	Physics	Chemistry	Mathematics
01-Dec-24	SUNDAY	JEE Main Part Test-1(One Paper) + JEE Advanced Part Test-1(One Paper)	PAPER-1 : 09:00 AM TO 12:00 NOON PAPER-2 : 02:30 PM TO 05:30 PM	Modern Physics, KTG & Thermodynamics, Calorimetry, Heat Transfer, Thermal Expansion, Elasticity, Heat Engine, Heat Pump & Entropy (Additional JEE Main Topic : Semiconductor)	PC : Thermodynamics, Thermochemistry (Additional JEE Advanced Topics : Ideal gas, Real gas) IOC : Chemical bonding, p-block	Complex Numbers, Matrices, Determinants, FOM, Straight Line, Circle
08-Dec-24	SUNDAY	JEE Main Part Test-2(One Paper) + JEE Advanced Part Test-2(One Paper)	PAPER-1 : 09:00 AM TO 12:00 NOON PAPER-2 : 02:30 PM TO 05:30 PM	Electrostatics, Gravitation, Mechanics Till Momentum	IOC : Co-ordination Compound (Additional JEE Advanced Topic : Metallurgy) OC : Aromatic Compounds, Biomolecules/Amino Acids, Practical Organic Chemistry (Additional JEE Advanced Topics : Polymer)	Parabola, Ellipse, Hyperbola, Compound Angle, Quadratic Equations, Sequence & Series
15-Dec-24	SUNDAY	JEE Main Part Test-3(One Paper) + JEE Advanced Part Test-3(One Paper)	PAPER-1 : 09:00 AM TO 12:00 NOON PAPER-2 : 02:30 PM TO 05:30 PM	EMI, AC, MEC, SHM, Damped & Forced Oscillations (Additional JEE Main Topics : Bar Magnet, Magnetic Materials)	PC : Atomic Structure, Chemical Kinetics (Additional JEE Advanced Topics : Solid state) OC : Carboxylic Acid & Derivatives, Amines & Other Nitrogen Containing Organic Compounds, Name reactions and Nucleophilic addition to Carbonyl Compounds	Binomial Theorem, Logarithm, Permutation & Combination, Probability, Statistics (Additional JEE Advanced Topic : Trigonometric Equation)
22-Dec-24	SUNDAY	JEE Main Part Test-4(One Paper) + JEE Advanced Part Test-4(One Paper)	PAPER-1 : 09:00 AM TO 12:00 NOON PAPER-2 : 02:30 PM TO 05:30 PM	Rigid body Dynamics, Geometrical Optics (Additional JEE Main Topics : Microscope & Telescope)	PC : Liquid Solution, Chemical Equilibrium, Ionic Equilibrium IOC : Salt analysis (Additional JEE Advanced Topics : H-atom and its Compound, Environmental Chemistry)	Vectors, 3-D, Sets, Relation, Functions, Inverse Trigonometric Functions
29-Dec-24	SUNDAY	JEE Main Part Test-5(One Paper) + JEE Advanced Part Test-5(One Paper)	PAPER-1 : 09:00 AM TO 12:00 NOON PAPER-2 : 02:30 PM TO 05:30 PM	Current Electricity, Error Analysis, Capacitor, Fluid	IOC : Periodic table, d-block and f-block (Additional JEE Advanced Topics : s-block) OC : Oxidation & Reduction, Alcohols & Ether, Alkyl Halide (Substitution/Elimination)	Limits, Continuity & Differentiability, Method of differentiation, Application of derivative
05-Jan-25	SUNDAY	JEE Main Part Test-6(One Paper) + JEE Advanced Part Test-6(One Paper)	PAPER-1 : 09:00 AM TO 12:00 NOON PAPER-2 : 02:30 PM TO 05:30 PM	Wave, Sound, Wave Optics, E.M. Waves, Polarization, Diffraction & Resolving Power	PC : Electrochemistry, Redox, Mole Concept (Additional JEE Advanced Topic : Surface Chemistry) OC : Complete isomerism (Structural, Conformational, Optical, Geometrical), GOC (Electronic Displacement effects, acid base), Separation Technique, Attacking Reagents, IUPAC Nomenclature, Hydrocarbon (Additional JEE Advanced Topics : Chemistry in everyday life)	Indefinite Integration, Definite Integration, Differential Equation, Area under the curve
08-Jan-25	WEDNESDAY	JEE Main Full Test(One Paper)	09:00 AM TO 12:00 NOON	FULL SYLLABUS		
12-Jan-25	SUNDAY	JEE Main Full Test(One Paper)-AIOT	09:00 AM TO 12:00 NOON	FULL SYLLABUS		
15-Jan-25	WEDNESDAY	JEE Main Full Test(One Paper)	09:00 AM TO 12:00 NOON	FULL SYLLABUS		
19-Jan-25	SUNDAY	JEE Main Full Test(One Paper)	09:00 AM TO 12:00 NOON	FULL SYLLABUS		

Joint Entrance Examination : [JEE (Main)]– 2025, Session-1(January 2025) Between 22 January to 31 January 2025