

Test schedule & Syllabus

For students appearing in JEE 2027

Preparatory Tests

Test your exam-preparedness as you progress with syllabus completion

Preparatory Test 1

Test date	July 5, 2026 (Sunday)		
Test schedule	JEE Main paper	0900 to 1200	
	JEE Advanced paper	1300 to 1600	

JEE Main syllabus

Physics	Chemistry	Mathematics
• Kinematics • Laws of Motion • Work, Energy and Power • Conservation of Momentum • Rotational Motion • Gravitation • Properties of Solids • Properties of Fluids • Heat • Thermodynamics • Kinetic Theory of Gases • Oscillations • Waves • Electrostatics	• Some Basic Concepts in Chemistry • Redox Reactions • Atomic Structure • Chemical Bonding and Molecular Structure • Chemical Thermodynamics • Equilibrium • Chemical Kinetics • Classification of Elements and Periodicity in Properties • Purification and Characterisation of Organic Compounds • Some Basic Principles of Organic Chemistry • Hydrocarbons • Organic Compounds Containing Halogens • Alcohols, Phenols and Ethers	• Sets and Relations • Functions • Quadratic Equations and Expressions • Complex Numbers • Permutations and Combinations • Binomial Theorem • Sequence and Series • Statistics • Straight Line • Circle • Conic Sections • Trigonometric Ratios and Identities • Inverse Trigonometric Functions

For detailed syllabus, refer Appendix 1.

JEE Advanced syllabus

Physics	Chemistry	Mathematics
• Kinematics • Laws of Motion • Work, Energy, Power • Conservation of Momentum • Rotational Motion • Oscillations • Elasticity • Gravitation • Fluid Mechanics • Waves • Thermal Physics • Electrostatics	• General Topics • States of Matter: Gases and Liquids • Atomic Structure • Chemical Bonding and Molecular Structure • Chemical Thermodynamics • Chemical and Ionic Equilibrium • Chemical Kinetics • Classification of Elements and Periodicity in Properties • Hydrogen • s-Block Elements • Practical Organic Chemistry • Basic Principles of Organic Chemistry • Alkanes, Alkenes and Alkynes, Benzene • Alkyl Halides, Haloarenes • Alcohols, Phenols, Ethers	• Sets and Relations • Functions • Complex Numbers • Quadratic Equations and Expressions • Sequence and Series • Logarithms • Permutations and Combinations • Binomial Theorem • Statistics • Trigonometric Ratios and Identities • Inverse Trigonometric Functions • Straight Line • Circle • Conic Sections

For detailed syllabus, refer Appendix 2.

Preparatory Test 2

Test date	August 2, 2026 (Sunday)	
Test schedule	JEE Main paper	0900 to 1200
	JEE Advanced paper	1300 to 1600

JEE Main Syllabus

Physics	• Preparatory Test 1 syllabus (approximately 70% weightage) • Current Electricity
Chemistry	• Preparatory Test 1 syllabus (approximately 70% weightage) • Aldehydes and Ketones • Carboxylic Acids • Organic Compounds Containing Nitrogen • Biomolecules
Mathematics	• Preparatory Test 1 syllabus (approximately 70% weightage) • Limits, Continuity and Differentiability • Differentiation • Applications of Derivatives

For detailed syllabus, refer Appendix 1.

JEE Advanced Syllabus

Physics	• Preparatory Test 1 syllabus (approximately 70% weightage) • Current Electricity
Chemistry	• Preparatory Test 1 syllabus (approximately 70% weightage) • Aldehydes and Ketones • Carboxylic Acids • Amines • Biomolecules • Polymers
Mathematics	• Preparatory Test 1 syllabus (approximately 70% weightage) • Limits, Continuity and Differentiability • Differentiation • Applications of Derivatives

For detailed syllabus, refer Appendix 2.

Preparatory Test 3

Test date	August 30, 2026 (Sunday)	
Test schedule	JEE Main paper	0900 to 1200
	JEE Advanced paper	1300 to 1600

JEE Main Syllabus

Physics	• Preparatory Test 2 syllabus (approximately 75% weightage) • Magnetic Effects of Current and Magnetism • Electromagnetic Induction and Alternating Current
Chemistry	• Preparatory Test 2 syllabus (approximately 75% weightage) • Solutions • Electrochemistry • p-Block Elements
Mathematics	• Preparatory Test 2 syllabus (approximately 75% weightage) • Indefinite Integrals • Definite Integrals • Areas

For detailed syllabus, refer Appendix 1.

JEE Advanced Syllabus

Physics	• Preparatory Test 2 syllabus (approximately 75% weightage) • Magnetism • Electromagnetic Induction and Alternating Current
Chemistry	• Preparatory Test 2 syllabus (approximately 75% weightage) • Solutions • Electrochemistry • p-Block Elements
Mathematics	• Preparatory Test 2 syllabus (approximately 75% weightage) • Integration • Areas

For detailed syllabus, refer Appendix 2.

Preparatory Test 4

Test date	October 4, 2026 (Sunday)	
Test schedule	JEE Main paper	0900 to 1200
	JEE Advanced paper	1300 to 1600

JEE Main Syllabus

Physics	• Preparatory Test 3 syllabus (approximately 80% weightage) • Electromagnetic Waves • Ray Optics
Chemistry	• Preparatory Test 3 syllabus (approximately 80% weightage) • d- and f-Block Elements • Coordination Compounds
Mathematics	• Preparatory Test 3 syllabus (approximately 80% weightage) • Differential Equations • Probability • Matrices and Determinants

For detailed syllabus, refer Appendix 1.

JEE Advanced Syllabus

Physics	• Preparatory Test 3 syllabus (approximately 80% weightage) • Electromagnetic Waves • Ray Optics
Chemistry	• Preparatory Test 3 syllabus (approximately 80% weightage) • Isolation of Metals • d-Block Elements • f-Block Elements • Coordination Compounds
Mathematics	• Preparatory Test 3 syllabus (approximately 80% weightage) • Differential Equations • Probability • Matrices and Determinants

For detailed syllabus, refer Appendix 2.

Preparatory Test 5

Test date	November 1, 2026 (Sunday)	
Test schedule	JEE Main paper	0900 to 1200
	JEE Advanced paper	1300 to 1600

JEE Main Syllabus

Physics	• Preparatory Test 4 syllabus (approximately 85% weightage) • Wave optics • Dual Nature of Matter and Radiation • Atoms and Nuclei • Electronic Devices • Units and Measurements • Experimental Skills
Chemistry	• Preparatory Test 4 syllabus (approximately 85% weightage) • Principles Related to Practical Chemistry
Mathematics	• Preparatory Test 4 syllabus (approximately 85% weightage) • Vector Algebra • Three-Dimensional Geometry

For detailed syllabus, refer Appendix 1.

JEE Advanced Syllabus

Physics	• Preparatory Test 4 syllabus (approximately 85% weightage) • Wave Optics • Modern Physics • Units and Dimensions, Error Analysis, Experimental Physics
Chemistry	• Preparatory Test 4 syllabus (approximately 85% weightage) • Solid State • Surface Chemistry • Principles of Qualitative Analysis • Chemistry in Everyday Life • Environmental Chemistry
Mathematics	• Preparatory Test 4 syllabus (approximately 85% weightage) • Vectors • Three-Dimensional Geometry

For detailed syllabus, refer Appendix 2.