



## Revision & Major Test Series Plan for JEE Main 2024

Test Type	Test Pattern	Topics Covered
Revision Test - 1	JEE Main	<b>Physics</b> : Essential Mathematics, Units & Dimensions, Vectors, Error, Motion in One Dimension, Motion in Two Dimension, Projectile Motion, Relative Motion, Circular Motion, Newton's Law of Motion, Friction, Work, Power & Energy, Momentum, Center of Mass, Conservation of Energy & Momentum, Rigid Body Dynamics, Rotational Motion <b>Chemistry</b> : Atomic Structure, Periodic Table, Chemical Bonding, Basic Concepts of Chemistry, Redox and Volumetric Analysis, Chemical equilibrium <b>Maths</b> : Quadratic Equation, Sets, Statistics, Trigonometric Ratio and Identities, Progressions, Permutation and Combination
Revision Test - 2	JEE Main	<b>Physics</b> : Simple Harmonic Motion (SHM), Gravitation, Properties of Matter, Elasticity, Surface Tension, Viscosity, Hydrostatics, Fluid Dynamics, Calorimetry, Thermal Expansion, Kinetic Theory of Gases, Law of Thermodynamics, Heat Transfer, Transverse Waves, Longitudinal Waves <b>Chemistry</b> : Acid Base, Ionic equilibrium, Chemical Energetics, Classification & Nomenclature, Isomerism (Except Optical Isomerism and Tautomerism), GOC-1 (Brief Idea of Electronic Displacement Effects), Hydrocarbons (Preparation Methods, Physical and Chemical Properties without Optical Isomerism Application), Purification of Organic Compounds, p-block elements [Part-1(Boron and Carbon Family)] <b>Maths</b> : Binomial Theorem, Point and Straight Line, Circle, Parabola, Ellipse, Hyperbola
Revision Test - 3	JEE Main	<b>Physics</b> : Electrostatics, Gauss Law, Capacitance & Capacitor, Current Electricity, Heating Effect of Current, Magnetism, Magnetic effect of Current, Electromagnetic Induction, Alternating Current <b>Chemistry</b> : Chemical Kinetics, Electrochemistry, Solution and colligative properties, General Organic Chemistry, Optical Isomerism and Tautomerism, Hydrocarbons, Halogen Derivatives <b>Maths</b> : Relation, Function & Inverse Trigonometric Functions, Limit and Continuity of Function, Differentiability and Differentiation, Application of Differentiation [Rate Measurement, Monotonicity, Maxima and Minima], Indefinite Integration
Revision Test - 4	JEE Main	<b>Physics</b> : Reflection Plane & Spherical Surface, Refraction on Plane Surface, Prism, Refraction on Curved Surface, Lense, Optical Instruments, Light Waves, Interference of Light, Diffraction, Polarisation, Atomic Structure in Modern Physics, Matter Waves & De-Broglie, Photo-Electric Effect, Radioactivity, Nuclear Physics, Semiconductors and Electronics, EM Waves, Vernier Callipers, Screw Gauge <b>Chemistry</b> : Aromatic Chemistry, Alcohol, Ether and Phenol, Carbonyl Compounds, Carboxylic Acid and its Derivatives, Nitrogen Compounds and Amines, Carbohydrates, Amino Acid, Protein, Practical Organic Chemistry, Co-ordination Compound, p-block elements [Part-2(Nitrogen, Oxygen, Halogen Family and Noble Gas)], Salt/Qualitative Analysis, Transitional Elements <b>Maths</b> : Definite Integration, Area under the Curves and Differential Equation, Probability, Complex Number, Matrices and Determinants, Vector and Three Dimensional Geometry
Major Test - 1	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 2	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 3	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 4	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 5	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 6	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 7	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 8	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 9	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>
Major Test - 10	JEE Main	<b>Complete Syllabus Test (Class XI &amp; XII Syllabus)</b>