MARGSHREE
By Mukesh Sir

Menu ▼

JEE Main Syllabus – Class Wise

JEE Main Syllabus for Class 11 and 12 Physics

Topics From Class XI	Topics From Class XII
Unit, Dimension & Measurement	Geometrical Optics
Kinematics	Wave Optics
Newton's Law of Motion	Electrostatics
Circular Motion	Capacitance
Work, Power & Energy	Current Electricity
Momentum & Collision	Gravitation
Center of Mass & Inertia	Magnetic Effects of Current & Magnetism
Rotational Dynamics	Nuclear Physics & Radio Activity
Elasticity, Calorimetry, Thermal Expansion	Communication Systems
Ktg & Thermodynamics	Electromagnetic Induction & AC
Simple Harmonics Motion	Electronics Devices
Mechanical Waves	Dual Nature of Matter and radiation.
Fluid Mechanics	Error in Measurement & Instruments

JEE Main Syllabus for Class 11 and 12 Chemistry

Topics From Class XI	Topics From Class XII

Periodic Table & Properties	Halogen Derivative
Mole Concept	Co-ordination Compound
Nomenclature of Organic Compounds	Aromatic Hydrocarbons
Chemical Bondings	Aliphatic Hydrocarbons
Gaseous States	Liquid Solution & Surface Chemistry
Electronic Displacement Effect	Metallurgy
Atomic Structure	Phenol
Isomerism	Alcohol
Redox & Equivalent Concept	Ether
Chemical & Ionic Equilibrium	Solid State
Chemical Kinetics	Carbonyl Compound
Radioactivity (Nuclear Chemistry)	Qualitative Analysis
	S, P, D & F block element
	Thermodynamic, Thermochemistry & Electrochemistry
	Biomolecules
	Polymers
	Carboxylic Acids & Its Derivatives
	Amines
	Practical Organic Chemistry

JEE Main Syllabus for Class 11 and 12 Maths

Topics From Class XI	Topics From Class XII

Logarithms & Related Expressions	Limits, Continuity & Derivebilities
Quadratic Equations & Expressions	Method of differentiation
Sequence & Progressions	Indefinite Integration
Compound Angles	Definite Integration
Trigonometric Function, Equations & Inequations	Application of Derivatives
Solutions of Triangles	Determinants and Matrices
Circles	Vectors
Straight Lines & Pair of Lines	3 Dimensional Geometry
Binomial Theorems	Probability
Permutations & Combinations	Differential Equations
Sets, Relations & Functions	Area Under Curve
Mathematical Inductions & Reasoning	Parabola, Elipse, Hyperbola
	Complex Number
	Statistics

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