Complete IIT JEE Main & Advanced 2025 Syllabus

JEE Main 2025 Physics Syllabus

JEE Main Physics Syllabus:
1. Physics and Measurement
2. Kinematics
3. Laws of Motion
4. Work, Energy and Power
5. Rotational Motion
6. Gravitation
7. Properties of Solids and Liquids
8. Thermodynamics
9. Kinetic Theory of Gases
10. Oscillations and Waves
11. Electrostatics
12. Current Electricity
13. Magnetic Effects of Current and Magnetism
14. Electromagnetic Induction and Alternating Currents
15. Electromagnetic Waves
16. Optics
17. Dual Nature of Matter and Radiation
18. Atoms and Nuclei
19. Electronic Devices

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JEE Main 2025 Chemistry Syllabus

JEE Main Chemistry Syllabus:

Physical Chemistry:

1. Some Basic Concepts in Chemistry
2. States of Matter
3. Atomic Structure
4. Chemical Bonding and Molecular Structure
5. Chemical Thermodynamics
6. Equilibrium
7. Redox Reactions and Electrochemistry
8. Chemical Kinetics
9. Surface Chemistry

Inorganic Chemistry:

1. Classification of Elements and Periodicity in Properties
2. The s-Block Element
3. The p-Block Element
4. The d- and f-Block Elements
5. Coordination Compounds
6. Environmental Chemistry
7. General Principles and Processes of Isolation of Elements

Organic Chemistry:

1. Basic Principles of Organic Chemistry
2. Hydrocarbons
3. Haloalkanes and Haloarenes
4. Alcohols, Phenols and Ethers
5. Aldehydes, Ketones and Carboxylic Acids
6. Organic Compounds containing Nitrogen
7. Biomolecules
8. Polymers
9. Chemistry in Everyday Life

Complete IIT JEE Main & Advanced 2025 Syllabus

JEE Main 2025 Mathematics Syllabus

JEE Main Mathematics Syllabus:
1. Sets, Relations and Functions
2. Complex Numbers and Quadratic Equations
3. Matrices and Determinants
4. Permutations and Combinations
5. Binomial Theorem and Its Simple Applications
6. Sequences and Series
7. Limits, Continuity and Differentiability
8. Integral Calculus
9. Differential Equations
10. Coordinate Geometry
11. Three Dimensional Geometry
12. Vector Algebra
13. Statistics and Probability
14. Trigonometry
15. Mathematical Reasoning