

# JEE Main 2023 Syllabus with weightage

## JEE Main 2023 Syllabus with Weightage for Physics

Topics	No of Questions	Marks
Modern Physics	5	20
Heat and Thermodynamics	3	12
Optics	3	12
Current Electricity	3	12
Electrostatics	3	12
Magnetics	2	8
Unit, Dimension and Vector	1	4
Kinematics	1	4
Laws of motion	1	4
Work, Power and Energy	1	4

Centre Of Mass, Impulse and Momentum	1	4
Rotation	1	4
Gravitation	1	4
Simple Harmonic Motion	1	4
Solids and Fluids	1	4
Waves	1	4
Electromagnetics Induction ; AC	1	4

### JEE Main 2023 Syllabus with Weightage for Chemistry

Topics	No of Questions	Marks
Periodic table and Representative Elements	3	12
Transition Elements and Coordination Chemistry	3	12
Thermodynamics And Gaseous State	2	8

Atomic Structure	2	8
Chemical Bonding	2	8
Chemical And Ionic Equilibrium	2	8
Solid State And Surface Chemistry	2	8
Nuclear Chemistry And Environment	2	8
Mole Concept	1	4
Redox Reaction	1	4
Electrochemistry	1	4
Chemical Kinetics	1	4
Solution and Colligative Properties	1	4
General Organic Chemistry	1	4
Stereochemistry	1	4
Hydrocarbon	1	4
Alkyl Halides	1	4

Carboxylic Acid and their Derivatives	1	4
Carbohydrates, amino acid and Polymers	1	4
Aromatic Compounds	1	4

### JEE Main 2023 Syllabus with Weightage for Mathematics

Topics	No of Questions	Marks
Coordinate Geometry	5	20
Limits, Continuity and Differentiability	3	12
Integral Calculus	3	12
Complex numbers and Quadratic Equation	2	8
Matrices and Determinants	2	8
Statistics and Probability	2	8
Three Dimensional Geometry	2	8
Vector Algebra	2	8

Sets, Relation and Function	1	4
Permutations and Combinations	1	4
Binomial Theorem and Its Application	1	4
Sequences and Series	1	4
Trigonometry	1	4
Mathematical Reasoning	1	4
Differential Equation	1	4
Statics and Dynamics	1	4
Differential Calculus	1	4