

STUDY MATERIAL COURSE & JOINT PACKAGE COURSE
TARGET : JEE (Main + Advanced)
SET # 02

Dear Student, We are sending following books alongwith this checklist. Kindly check whether you have got all the books mentioned in this checklist.

PHYSICS

S.No.	Module No.	TOPIC COVERED	CLASS
1	N-2	Circular Motion, Work, Power & Energy	11 th
2	N-3	Center of Mass, Momentum & Collision, Rotational Dynamics	11 th
3	E-4	Magnetic Effect of Current, Electromagnetic Induction & Alternating Current	12 th

Solutions of SET-1

1	Solution	Units & Dimensions, Basic Mathematics and Vectors, Kinematics, Newton's Laws of Motion, Friction	
2	Solution	Simple Harmonic Motion, Geometrical Optics	
3	Solution	Electrostatics & Gravitation	
4	Solution	Current Electricity & Capacitance	

CHEMISTRY

1	N-2	IUPAC Nomenclature & Common Name, Electronic Displacement Effect, Acidic Strength & Basic Strength,	11 th
2	N-3	Isomerism, Purification & Characterisation of Organic Compound(s)	11 th
3	E-3	Halo Alkanes, Alcohol and Ether, Reduction	12 th
4	E-6	Oxidation, Carbonyl Compound (Part-I & II) & Hydrocarbon	12 th

Theory Part

4	Theory	Nomenclature of Organic Compounds, Basic Principle of Practical Organic Chemistry, Electronic Displacement Effects, Acidic Strength and Basic Strength, Isomerism	11 th
5	Theory	Halogen Derivative (Alkyl Halide and Aryl Halide), Alcohol & Ether, Reduction, Oxidation, Aldehydes and Ketones (Carbonyl Compound)	12 th

Solutions of SET-1

1	Solution	Quantum Numbers, Periodic Table & Chemical Bonding	
2	Solution	Solid State, Liquid Solution & Chemical Kinetics	
3	Solution	Chemical Bonding, Coordination Compound & Metallurgy	
4	Solution	Thermodynamics-01, Thermochemistry & Thermodynamics-02	
5	Solution	Mole concept, Concentration terms, Redox & Equivalent Concept	

MATHEMATICS

1	E-4	Indefinite Integration, Definite Integration	12 th
2	N-4	Determinant, Straight Line and Linear Inequality, Circle	11 th

Solutions of SET-1

1	Solution	Set Theory and Number System, Fundamentals of Algebra	
2	Solution	Function & Inverse Trigonometric Functions	
3	Solution	Limit, Continuity, Differentiability, Method of Differentiation	
4	Solution	Tangent and Normal, Monotonocity, Maxima and Minima	
5	Solution	Quadratic Equation, Logarithm, Sequence and Progression	
6	Solution	Trigonometric Ratios & Identities, Trigonometric Equations, Fundamentals of Geometry, Solutions of Triangle	

Self Evaluation Test : Unit # 04	JEE-Advanced Paper-1 & 2
Self Evaluation Test : Unit # 04	JEE-Main
Self Evaluation Test : Unit # 05	JEE-Advanced Paper-1 & 2
Self Evaluation Test : Unit # 05	JEE Main
Self Evaluation Test : Unit # 06	JEE-Advanced Paper-1 & 2
Self Evaluation Test : Unit # 06	JEE Main
Self Evaluation Test : Unit # 04 , 05 & 06 (Solutions)	JEE-Advanced
Self Evaluation Test : Unit # 04 , 05 & 06 (Solutions)	JEE-Main