

DISTANCE LEARNING PROGRAMME

STUDY MATERIAL COURSE & JOINT PACKAGE COURSE

TARGET : JEE (Main + Advanced)

SET # 03

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-4	Elasticity, Thermal Expansion, Calorimetry & Heat transfer, KTG & Thermodynamics, Fluid mechanics	11 th
2	E-5	Wave on String, Sound Wave, Electromagnetic Waves & Wave Optics	12 th

Theory Part

3	Theory	Elasticity, Thermal Expansion, Calorimetry & Heat Transfer, Kinetic Theory of Gases & Thermodynamics, Fluid Mechanics	11 th
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Solutions of SET-2

1	Solution	Circular Motion, Work, Power & Energy	
2	Solution	Center of Mass, Momentum & Collision, Rotational Dynamics	
3	Solution	Magnetic Effect of Current, Electromagnetic Induction & Alternating Current	

CHEMISTRY

1	N-5	Ideal Gas & Real Gas	11 th
2	N-6	Atomic Structure & Chemical Equilibrium	11 th
3	E-5	Salt Analysis, Heating Effects, s-Block & d-Block, Reactions of Salt Analysis	12 th
4	E-9	p-Block, Hydrogen and its Compounds, f-Block, Environmental Chemistry	12 th
5	E-11	Ionic Equilibrium, Electrochemistry & Surface Chemistry	12 th

Solutions of SET-2

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

MATHEMATICS

1	N-5	Conic Section (Parabola, Ellipse & Hyperbola)	11 th
2	N-6	Binomial Theorem, Permutation & Combination	11 th
3	E-5	Area under the Curve & Differential Equation, Matrices	12 th

Solutions of SET-2

1	Solution	Determinant, Straight Line and Linear Inequality, Circle	
2	Solution	Indefinite Integration, Definite Integration	

Self Evaluation Test : Unit # 07	JEE-Advanced Paper-1 & 2
Self Evaluation Test : Unit # 07	JEE-Main
Self Evaluation Test : Unit # 08	JEE-Advanced Paper-1 & 2
Self Evaluation Test : Unit # 08	JEE Main
Self Evaluation Test : Unit # 07 & 08 (Solutions)	JEE-Advanced
Self Evaluation Test : Unit # 07 & 08 (Solutions)	JEE-Main