

## DISTANCE LEARNING PROGRAMME

### STUDY MATERIAL COURSE & JOINT PACKAGE COURSE

**TARGET : JEE (Main + Advanced)**

### SET # 01

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-1	Unit & Dimension, Basic Maths and Vector, Kinematics-1D & Calculus, Kinematics-2D, Newton's Law of Motion & Friction	11 <sup>th</sup>
2	E-1	Geometrical Optics	12 <sup>th</sup>
3	E-2	Electrostatics, Gravitation, Current Electricity, Capacitance	12 <sup>th</sup>

#### Theory Part

4	Theory	Unit & Dimension, Basic Maths and Vector, Newton's Law of Motion & Friction, Kinematics-1D & Calculus, Kinematics-2D	11 <sup>th</sup>
5	Theory	Simple Harmonic Motion, Geometrical Optics	11 <sup>th</sup> + 12 <sup>th</sup>
6	Theory	Electrostatics, Gravitation, Current Electricity, Capacitance	12 <sup>th</sup>

#### CHEMISTRY

1	N-2	Mole concept & Eudiometry, Concentration Terms & Redox & Equivalent Concepts	11 <sup>th</sup>
2	E-1	Solid State, Liquid Solution & Chemical Kinetics	12 <sup>th</sup>
3	N-1	Quantum Number, Periodic Table & Chemical Bonding	11 <sup>th</sup>
4	E-4	Thermodynamics-01, Thermochemistry, Thermodynamics-02	12 <sup>th</sup>
5	E-2	Chemical Bonding, Coordination Chemistry, Metallurgy	12 <sup>th</sup>

#### MATHEMATICS

1	N-1	Sets, Numbers and Intervals, Fundamentals of Algebra	11 <sup>th</sup>
2	E-1	Function & Inverse Trigonometric Functions, Limit, Continuity & Differentiability	12 <sup>th</sup>
3	N-2	Quadratic Equation, Logarithm, Sequence & Series	11 <sup>th</sup>
4	N-3	Compound angle (TRI), Trigonometric Equation, Fundamental of Geometry	11 <sup>th</sup>
5	E-2	Method of Differentiation (MOD) & Application of Derivative (AOD)	12 <sup>th</sup>

Self Evaluation Test : Unit # 01	JEE-Advanced Paper-1 & 2
Self Evaluation Test : Unit # 01	JEE-Main
Self Evaluation Test : Unit # 02	JEE-Advanced Paper-1 & 2
Self Evaluation Test : Unit # 02	JEE Main
Self Evaluation Test : Unit # 03	JEE-Advanced Paper-1 & 2
Self Evaluation Test : Unit # 03	JEE Main
Self Evaluation Test : Unit # 01, 02 & 03 (Solutions)	JEE-Advanced
Self Evaluation Test : Unit # 01, 02 & 03 (Solutions)	JEE-Main