

Understanding Concepts Level - JEE Module 1

1. Maths

Unit	Chapter Name	Read Theory / Watched Video Lecture	Created Notes?	Did solved examples?	No of problems solved?	No of exams attempted?
Algebra	Complex Numbers					
	Quadratic Equations					
	Sequence and Series					
	Logarithms					
	Permutation and Combination					
	Binomial Theorem					
	Matrices and Determinants					
	Probability					
Trigonometry	Trigonometric Functions					
	Inverse Trigonometric Functions					
Vectors	Properties of Vectors					
Differential Calculus	Functions					
	Limits and Continuity					
	Derivatives					
Integration	Integration					
	Application of Integration					
	Differential Equations					

Analytical Geometry	2D Geometry					
	3D Geometry					

2. Physics

Unit	Chapter Name	Read Theory / Watched Video Lecture	Created Notes?	Did solved examples?	No of problems solved?	No of exams attempted?
General Physics	Units and Dimensions					
	Experimental Analysis					
Mechanics	Laws of motion					
	Kinematics					
	Systems of particles					
	Gravitation					
	Harmonic motions					
	Waves					
	The pressure in a fluid					
	Thermal Physics					
	Inertia					
	Momentum					
Electricity & Magnetism	Magnetic Fields					
	Electric Fields					
	Electric current					
	Capacitance					
	Electromagnetic Induction					
	Reflection					

Optics	Refraction					
	Wave nature of light					
Modern Physics	Atoms and Nuclei					

3. Chemistry

Unit	Chapter Name	Read Theory / Watched Video Lecture	Created Notes?	Did solved examples?	No of problems solved?	No of exams attempted?
Physical Chemistry	Basic Concepts					
	Energetics					
	Solutions					
	Nuclear Chemistry					
	Surface Chemistry					
	Chemical Bonding					
	States of Matter					
	Electrochemistry					
	Chemical Equilibrium					
	Solid State					
	Atomic Structure					
	Chemical Kinetics					
Inorganic Chemistry	Ores					
	Minerals					
	Transition Elements					
	Extractive Metallurgy					
	Properties of Non metals					

	Qualitative Analysis					
	Preparation of Non Metals					
	Preparation of compounds					
	Properties of compounds					
Organic Chemistry	Basic Concepts					
	Properties, Reactions and Preparation of Alkynes					
	Properties, Reactions and Preparation of Alkenes					
	Phenols					
	Reactions of Benzene					
	Alcohols					
	Ethers					
	Aldehydes and Ketones					
	Alkyl Halides					
	Carboxylic acids					
	Carbohydrates					
	Haloarenes					
	Practical Organic Chemistry					
	Amino acids & Peptides					
	Properties and Uses of Polymers					