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Distance & e-Learning Programmes(DLPD)

Syllabus of JEE (Advanced)
Topic wise Online Test Series

Class XI		
Physics	**Chemistry**	**Maths**
Mechanics Vol-1	**Physical Chemistry -I**	**Algebra-1**
Newton's Lows of Motion	Mole Concept	Sequence And Series
Friction	Atomic Structure	Quadratic Equation
Work Power and Energy	Gaseous State	Binomial Theorem
Kinematics	Chemical Equilibrium	Permutation And Combination
Mechanics Vol-2	Thermodynamics	Complex Number
Circular Motion	Ionic Equlibrium	**Trigonometry**
Centre of Mass	**Inorganic Chemistry-I**	Solution of Triangle
Rigid Body Dynamics	Periodic Table + s-Block	Trigonometric Ratio And Identities
Gravitation	Chemical Bonding	**Co-ordinate Geometry**
Waves and Properties of Matter	**Organic Chemistry-I**	Straight Line
Simple Harmonic Motion	General Organic Chemistry-1 (GOC I)	Circle
Fluids Mechanics, Elasticity, Viscosity and Surface Tension	General Organic Chemistry-2 (GOC II)	Parabola
Wave on string	IUPAC	Ellipse
Sound waves		Hyoperbola
Heat and Thermodynamics		
1st Law of Thermodynamics		
Heat Transfer		
Kinetic Theory of Gases (KTG)		
Specific Heat of Gases		

Class XII		
Physics	**Chemistry**	**Maths**
Electrodynamics	**Physical Chemistry -II**	**Differential Calculus**
Electrostatics	Surface Chemistry	Function
Current Electricity	Solutions and Colligative Properties	Limits Of Function
Capacitance	Elelctro Chemistry	Continuity and Derivability
Magnetic Effect of Current, Magnetic Force on Charge and Current (EMF)	Chemical Kinetics	Method of Differentiation
Electro Magnetic Induction (EMI)	Solid State	Application of Derivative
Alternating Current	**Inorganic Chemistry-II**	**Algebra-II And Geometry (3-D)**
Optics	Coordination Compounds	Matrices and Determinant
Geometrical Optics	p-Block elements	Probability
Wave Optics	d-block Elements and Qualitative Analysis	Vector and Three Dimensional Geometry
Modern Physics	Metallurgy	**Integral Calculus**
Nuclear Physics(Radioactivity,Fission,Fusion)	**Organic Chemistry-II**	Indefinite Integration
Photoelectric Effect, D-Broglie Waves, Bhor's Atomic Model, X-rays	Reaction Mechanism	Definite Integation
	Hydrocarbon, Structure Identification, POC and Reduction	Differential Equation
	Carbonyl compounds	
	Carboxylic Acid	
	Aromatic compound	