JEE (Main)

SYLLABUS : CLASS 12th & 12th Pass

PCM

Note : - # Topics Marked # are Only for JEE Mains Level Tests

PHYISCS 11th PART - I		CHEMISTRY 11th PART - I		MATHEMATICS 11th PART - I	
P1	Mathematical Tools for Physics	C1	Some Basic Concepts of Chemistry	M1	Logarithams & Basic Inequalities
P2	Units, Dimensions & Measurement	C2	Structure of Atom	M2	Quadratic Equations & Expressions
P3	Motion in One Dimension	C3	Classification of Elements and Periodic Table	M3	Sequences & Series
P4	Motion in Two & Three Dimensions	C4	Chemical Bonding	M4	Mathematical Induction #
P5	Newtons Laws of Motion, Forces	C5	States of Matter–Gaseous State		
P6	Frictional Forces	C6	Chemical Equilibrium		
P7	Circular Motion				

PHYISCS 11th PART - II		CHEMISTRY 11th PART - II		MATHEMATICS 11th PART - II	
P8	Work, Power & Energy	C7	Ionic Equilibrium	M5	Trigonometric Ratios & Identities
P9	Center of Mass, Momentum, Collisions	C8	Thermodynamics & Thermochemistry	M6	Trigonometric Equations
P10	Rotational Kinematics	C9	Hydrogen & Its Compound	M7	Binomial Theorem
P11	Gravitation	C10	s–Block	M8	Permutations & Combinations
P12	Oscillations, Simple Harmonic Motion	C11	p–Block Elements – Boron Family	M9	Surds
P13	Fluid Mechanics	C12	p–Block Elements – Carbon Family		
P14	Mechanical Properties of Solid & Liquids				

PHYISCS 11th PART - III		CHEMISTRY 11th PART - III		MATHEMATICS 11th PART - III	
P15	Mechanical Waves on a String	C13	Redox Reaction	M10	Rectangular Co–ordinate System
P16	Sound Waves	C14	Purification & Characterisation of Org.Compounds & IUPAC Naming + Isomerism	M11	Straight Lines
P17	Temperature and Thermal Expansion.	C15	General Organic Chemistry	M12	Circle
P18	Kinetic Theory of Gases	C16	Hydrocarbons–Aliphatic	M13	Conic Section #
P19	Caloriemetry	C17	Hydrocarbons–Aromatic	M14	Statistics #
P20	Thermodynamics	C18	Environmental Chemistry #	M15	Properties of Triangles
P21	Heat Transfer			M16	Heights & Distances #
				M17	Mathematical Reasoning #
				M18	Complex Numbers
				M19	Complex Number Geometry

PHYISCS 12th PART - I		CHEMISTRY 12th PART - I		MATHEMATICS 12th PART - I	
P22	Electrostatics	C19	Solutions & Liquid State	M20	Functions
P23	Guass's Law	C20	Chemical Kinetics	M21	Limits, Continuity & Differentiability
P24	Capacitance	C21	Nuclear Chemistry	M22	Method of Differentiation
P25	Current Electricity	C22	Surface Chemistry	M23	Application of Derivatives
P26	Magnetic Force	C23	Coordination Compounds	M24	Inverse Trigonometric Functions
P27	Magnetic Field	C24	IUPAC & Isomerism & GOC		
P28	Electro–Magnetic Induction	C25	Haloalkanes & Haloarenes		
P29	Alternating Current	C26	Alcohol Phenol Ether		

PHYISCS 12th PART - II		CHEMISTRY 12th PART - II		MATHEMATICS 12th PART - II	
P30	Geometrical Ray Optics	C27	Electrochemistry	M25	Indefinite Integrals
P31	Dispersion and Deviation	C28	Solid State	M26	Definite Inegrals
P32	Optical Instruments #	C29	Aldehydes & Ketones	M27	Area under Curves
P33	Wave Optics	C30	Carboxylic Acids & Their Derivatives	M28	Differential Equations
P34	Differaction, Polarization & Scattering #	C31	Metallurgy	M29	Determinants
		C32	p–Block Elements – Nitrogen Family	M30	Matrices
		C33	p–Block Elements – Oxygen Family		

PHYISCS 12th PART - III		CHEMISTRY 12th PART - III		MATHEMATICS 12th PART - III	
P37	Photo–Electric Effect	C34	p–Block Elements – Halogen Family	M31	Vector & 3D Geometry
P38	Atomic Physics and x–Rays	C35	p–Block Elements – Noble Gases	M32	Probability
P39	The Nucleus	C36	d & f–Block Elements	M33	Linear Programing
P40	The Semiconductors #	C37	Salt Analysis	M34	Parabola, Ellipse & Hyperbola
P41	Communication Systems #	C38	Organic Compound Containing Nitrogen		
P42	Permanent Magnetism #	C39	Biomolecules		
P43	Magnetic Materials #	C40	Polymers		
P44	Earth Magnetism #	C41	Chemistry In Everyday Life #		
P45	EM WAVES #				
P46	Experimental Physics				