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## SLC JEE-XIII

### SUBJECT WISE TOPICS COVER FOR JEE(M+A)

PHYSICS [P]		CHEMISTRY [C]		MATHEMATICS [M]	
S. No.	Topic Name/Sequence	S. No.	Topic Name/Sequence	S. No.	Topic Name/Sequence
1	Rectilinear Motion	PHYSICAL/ INORGANIC		1	Fundamental of Mathematics
2	Projectile Motion	1	Mole Concept	2	Quadratic Equation
3	Relative Motion	2	Quantum Mechanical Model of Atom	3	Relation, Function & ITF
4	Geometrical Optics	3	Periodic Table	4	Statistics
5	NLM	4	Real Gases	5	Sequence & Series
6	Friction	5	Chemical Bonding-I, II, III, IV & V	6	Matrices & Determinants
7	WPE	6	Chemical Equilibrium	7	Straight Line
8	Electrostatics	7	Ionic Equilibrium (Elementary)	8	Circle
9	Gravitation	8	Coordination Compounds	9	Limit Continuity & Derivability
10	Current Electricity	9	Electrochemistry	10	Application of Derivatives
11	Capacitance	10	Metallurgy	11	Solution of Triangle
12	Circular Motion	11	Qualitative Analysis-1	12	Conic Section
13	Centre of Mass	12	p-block elements (H & N gases)	13	Indefinite Integration
14	RBD	13	Chemical Kinetics	14	Definite Integration & Its Application
15	SHM	14	Qualitative Analysis-2	15	Differential Equation
16	String Waves	15	Solution & Colligative Properties	16	Mathematical Reasoning
17	Sound Wave	16	Surface Chemistry	17	Vector & 3D
18	Wave Optics	17	s-block element	18	Complex No.
19	EM Wave	18	Solid State	19	Binomial Theorem
20	Semiconductor	19	p-block elements (N & O gases)	20	Permutation & Combination
21	POC	20	Thermodynamics & Thermochemistry	21	Probability
22	EMF	21	p-block (B & C family)		
23	EMI	22	Equivalent Concept		
24	Alternating Current	23	d block element		
25	Modern Physics	24	Ionic Equilibrium (Advanced)		
26	Nuclear Physics	ORGANIC			
27	Fluid Mechanism	1	IUPAC Nomenclature and Structural Isomerism		
28	Surface Tension	2	Structural Identification & POC		
29	Elasticity & Viscosity	3	GOC-I & II		
30	KTG & Thermodynamics	4	Stereoisomerism (Mains)		
31	Calorimetry & Thermal Expansion	5	ORM-I & II		
32	Heat Transfer	6	Reduction, Oxidation & Hydrolysis		
		7	ORM-III & IV		
		8	Aromatic Compound		
		9	Preparation of Hydrocarbon		
		10	Carbonyl Compound and Acid Derivatives		
		11	Biomolecules		
		12	Stereoisomerism (Advanced)		
		13	Physical Prop. & Chem. in Everyday Life		

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