

## TEST SYLLABUS

## CLASS : XII (STREAM: SCIENCE-MATHS)

S.No.	Physics	Chemistry	Mathematics
1	Kinematics	XI Syllabus NCERT	Fundamentals of Mathematics-I
2	Newton's Laws of Motion	Solution & Colligative Properties	Sets
3	Friction	Coordination Compounds	Quadratic Equation
4	Work, Power, Energy	Solid State	Trigonometry
5	Circular Motion	Electrochemistry	Sequence & Series
6	Centre of Mass	Metallurgy	Fundamentals of Mathematics-II
7	Rigid body dynamics	Qualitative Analysis (Only anion)	Binomial Theorem
8	Simple harmonic motion	p-block Elements (Nitrogen & Oxygen Family)	Permutation & Combination
9	Fluid mechanics	Equivalent concept & titrations	Straight Line
10	Properties of matter	p-block Elements (Halogen & Noble Gases)	Statistics
11	String wave	General Organic Chemistry-II	Mathematical Induction
12	Sound wave	Physical Properties & POC-II	Solution of Triangle

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S.No.	Physics	Chemistry	Mathematics
13	Calorimetry & thermal expansion	Stereoisomerism	Mathematical Reasoning
14	KTG & Thermodynamics	Organic Reaction Mechanism-I, II, III & IV	Circle
15	Geometrical Optics	Reduction, Oxidation & Hydrolysis	Conic Section
16	Electrostatics	Grignard Reagents	Matrices & Determinant
17	Gravitation	Preparation of Hydrocarbon	Probability
18	Current electricity	Aromatic Compound	Vector & 3-D
19	Heat transfer		Complex Number
20	Capacitance		Function & ITF
21	EMF		Limits, Continuity & Derivability
22	Electromagnetic induction		Method of Differentiation
23	Alternating current		Application of Derivatives (Upto Global Maxima & Minima)
24	Error analysis		