



VIBRANT ACADEMY

An Exclusive Institute for IIT-JEE Preparation

SYLLABUS FOR CHAMPION BATCH - XI TO XII MOVING STUDENTS

PHYSICS	CHEMISTRY	MATHEMATICS
	PHYSICAL CHEMISTRY	
Units and dimension	Mole Concept	Inequality & Modulus
Vectors	Atomic Structure	Compound Angles (Trigo Phase-I)
Basic Maths	Chemical	Logarithm
Kinematics	Ionic Equilibrium	Graphs
Laws of motion	Gaseous State	Quadratic equations, Inequations, Algebraic expressions
Friction	INORGANIC CHEMISTRY	Sequence and Series
Circular motion	General Chemistry + Periodic Table & Periodicity	Trigonometric Equations (Trigo Phase-2)
Work energy power	Chemical Bonding (BASIC)	Solution of Triangle (Trigo Phase-3)
Centre of mass momentum	Chemical Bonding (Advanced 1&2)	Determinant
Rotation of rigid body	P - Block (13&14 Groups)	Straight lines
SHM	ORGANIC CHEMISTRY	Circles
Calorimetry Thermal Expansion & Heat transfer	IUPAC	Parabola
KTG & Thermodynamics	Hydrocarbons	Ellipse
Fluid mechanics	GOC	Hyperbola
Elasticity	Isomerism	Premutation & Combination
Wave in string		Binomial theroform for natural index
Sound waves		

BEST(BATCH ELIGIBILITY CUM SELECTION TEST 2024-25

SYLLABUS FOR CHAMPION BATCH - X TO XI MOVING STUDENTS

MATHEMATICS	SCIENCE	MENTAL ABILITY
Basic Mathematics	CHEMICAL REACTION	Coding-Decoding.
Logarithm	ACIDS, BASES & SALT	The Calendar.
Compound Angle	METAL & NON-	Water Images.
Quadratic Equations	CARBON AND ITS's	Mirror Images.
Sequence And Progression	ELECTRICITY	Puzzle Test.
Trigonometric Equations	MEGNETIC EFFECTS OF	Non-Verbal Analogy & Classification.
Solution of Triangle		Cube And Dices.
Permutations and Combinations		Blood Relations.
Binomial Theorem		Address : Vibrant Tower, B-41, Road No.2, Indraprastha Industrial Area, Kota - 324005
Straight Line		WWW.vibrantacademy.com
Circle		0744-3507788
Determinantes		