



Expert Institute for IIT-JEE & NEET

MATHS LECTURE SCHEDULE & SEQUENCE : CHAMPION COURSE		
S.No.	Topic	No. of lecture
1.	Basic Maths	3
2.	Sets Theory	5
3.	Relation and Function	10
4.	Quadratic Equation	8
5.	Compound Angle	10
6.	Sequence and Series	8
7.	Trigonometric Equation	4
8.	Solution of triangle	6
9.	Binomial theorem	7
10.	Permutation & Combination	10
11.	Straight Line	14
12.	Circle	9
13.	Parabola	6
14.	Ellipse	5
15.	Hyperbola	5
16.	Mathematical Reasoning	2
17.	Statistics	2
PHYSICS LECTURE SCHEDULE & SEQUENCE : CHAMPION COURSE		
S.No.	Topic	No. of lecture
1.	Unit & Dimension, Vector, Basic Maths	20
2.	Kinematics	25
3.	Newton's law of motion & Friction	11
4.	Circular motion & Work, Power, Energy	10
5.	Centre of mass, Momentum & Collision	12
6.	Rotational Dynamics	15
7.	Fluid mechanics & Elasticity	13
8.	Thermal physics	16
9.	Simple Harmonic Motion	6
10.	Mechanical waves	12

11.	Errors in measurements (basic)	2
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ORGANIC & PHYSICAL CHEMISTRY LECTURE SCHEDULE & SEQUENCE : CHAMPION COURSE

S.No.	Topic	No. of lecture
1.	Mole Concept	10
2.	Atomic Structure	8
3.	General chemistry and periodic properties	8
4.	Chemical bonding part-1	12
5.	Gaseous State	10
6.	Redox and equivalent concept	8
7.	Chemical Equilibrium	6
8.	Ionic Equilibrium	12
9.	Thermodynamics and Thermochemistry	5
10.	Chemical Bonding part-2	12
11.	Hydrogen and its compounds	3
12.	s-Block elements	4
13.	p-Block(13 th and 14 th group)	3

ORGANIC CHEMISTRY LECTURE SCHEDULE & SEQUENCE : CHAMPION COURSE

S.No.	Topic	No. of lecture
1.	IUPAC Naming	12
2.	General Organic Chemistry	20
3.	Isomerism	25
4.	Basics of Organic Chemistry mechanisms	5
5.	Hydrocarbon	20