

MATHS LECTURE SCHEDULE & SEQUENCE : EKALAVYA BATCH FOR JEE-MAIN 2021		
S.No.	Topic	No. of lecture
1.	Quadratic Equation	4
2.	Compound Angle	5
3.	Set, Relation & Function	13
4.	LCD	10
5.	Method of differentiation	5
6.	Application of derivative	9
7.	Matrix and Determinant	6
8.	Indefinite Integration	5
9.	Definite Integration	5
10.	Area Under Curve	2
11.	Differential Equation	3
12.	Vector & 3D	5
13.	Permutation & Combination	5
14.	Probability	4
15.	Complex Number	4
16.	Progression	4
17.	Trigonometric Equation	1
18.	Solution of triangle	4
19.	Binomial Theorem	3
20.	Straight Line	4
21.	Circle	4
22.	Parabola	3
23.	Ellipse	3
24.	Hyperbola	3
25.	Reasoning & Statistics	3
PHYSICS LECTURE PLAN :: EKALAVYA BATCH FOR JEE-MAIN 2021		
S.No.	Topic	No. of lecture
1.	Kinematics	6
2.	Newton's Law, Force and Friction	7
3.	Circular motion, Work, Power & Energy	7

4.	Centre of mass, Momentum & Collision	7
5.	Rotational Dynamics	10
6.	Simple Harmonic Motion	5
7.	Electrostatics	9
8.	Gravitation	4
9.	Current Electricity	6
10.	Capacitance	5
11.	Magnetic Effect of Current	8
12.	Electromagnetic Induction & AC	8
13.	Mechanical Waves	8
14.	Geometrical Optics	8
15.	Electromagnetic Waves & Wave Optics	6
16.	Modern Physics	6
17.	Fluid Mechanics	8
18.	Thermal Physics	9
19.	Semiconductor & Communication System	4
20.	Errors in measurements & Instruments	1
21.	Experiments & Instruments	1

ORGANIC & PHYSICAL CHEMISTRY LECTURE PLAN : : EKALAVYA BATCH FOR JEE-MAIN 202

S.No.	Topic	No. of lecture
1.	Mole Concept	6
2.	Atomic Structure	7
3.	General chemistry and periodic table	4
4.	Chemical Bonding	20
5.	Gaseous state	9
6.	Redox reactions	4
7.	Chemical Equilibrium	3
8.	Ionic Equilibrium	8
9.	Thermodynamics & Thermochemistry	14
10.	Chemical kinetics	8
11.	Electrochemistry	10
12.	Liquid solution	6
13.	Solid State	6
14.	Surface Chemistry	6
15.	Coordination Compound	10

16.	Metallurgy	5
17.	Types of reactions	8
18.	Types of reactions	8
19.	Block Chemistry	10
20.	Environmental chemistry	2

ORGANIC CHEMISTRY LECTURE PLAN : : EKALAVYA BATCH FOR JEE-MAIN 2021

S.No.	Topic	No. of lecture
1.	IUPAC Naming	6
2.	General Organic Chemistry	15
3.	Isomerism	15
4.	Hydrocarbon	15
5.	Alkyl halide & Alcohol, Ether	15
6.	Grignard Reagent	4
7.	Oxidation & Reduction	3
8.	Aldehyde, Ketone and Carboxylic acid	7
9.	Amines	3
10.	Biomolecules & Polymers	6
11.	Aromatic Chemistry	8
12.	Chemistry in everyday life	4