

PHYSICS LECTURE PLAN : RCC 2.0 COURSE FOR JEE ADV -2021

S.No.	Topic	No. of lecture
1	Calorimetry	1
2	Thermal Expansion	1
3	KTG	1
4	Thermodynamics	1
5	Current Electricity	1
6	Heat Transfer	1
7	Vector	1
8	Kinematics	1
9	NLM	1
10	Friction	1
11	Circular motion	1
12	WPE	1
13	Centre of mass	1
14	Centre of mass	1
15	Rotational motion	1
16	S.H.M.	1
17	Electrostatics	1
18	Gravitation	1
19	Capacitance	1
20	Phototelectric effect	1
21	Magnetism	1
22	EMI	1
23	EMI, Alternating Current	1
24	Nucleus	1
25	String wave	1
26	Sound Wave	1
27	Electromagnetic wave	1
28	Optics	1
29	Optics, Semiconductor	1
30	Some mechanical	1
31	Fluid	1
32	Bohr Model	1
33	Unit measurement & Error	1
34	Communication System	1
35	Mixed Type Problems	15

Maths LECTURE PLAN : : RCC 2.0 COURSE FOR JEE ADV -2021

S.No.	Topic	No. of lecture
1	Function	2
2	Limits	2
3	Continuity & Differentiability	2
4	Method of differentiaion	2
5	Application of Derivative	2
6	Application of Derivative	2
7	Indefinite Integration	2
8	Definite Integration	2
9	Area Under curve	2
10	Differential Equation	2
11	Matrix & Determinant	2
12	Straight Line	2
13	Circle	2
14	Parabola	2
15	Ellipse	2
16	Hyperbola	2
17	Vector	2
18	Three-D	2
19	Quadratic Equation	2
20	Complex Number	2
21	Sequence & Series	2
22	Binomial Theorem	2
23	Permutation & Combination	2
24	Probability	2
25	Compound Angle	2
26	Trigonometric equation	2
27	Inverse Trigonometric function	2
28	Set & Relation	2

ORGANIC CHEMISTRY LECTURE PLAN : : RCC 2.0 COURSE FOR JEE ADV -2021

S.No.	Topic	No. of lecture
1	IUPAC, GOC & Isomerism	8
2	Mixed Problem Solving And Concept	20
3	Biomolecules, POC & Polymers	6
4	Mega Revision Problem	6

INORGANIC CHEMISTRY LECTURE PLAN : : RCC 2.0 COURSE FOR JEE ADV -2021

S.No.	Topic	No. of lecture
1	Chemical Bonding (1), Hydrogen & S-Block Element	1
2	Chemical Bonding & Molecular Orbital Theory (2)	1
3	Coordination Compounds	1
4	General Principles & Processes of Isolation of Metal (Metallurgy), P-Block Element, D & F-Block Element	1

5	Qualitative Analysis	1
6	Mixed Type Problems	10
PHYSICAL CHEMISTRY LECTURE PLAN :: RCC 2.0 COURSE FOR JEE ADV -2021		
S.No.	Topic	No. of lecture
1	Atomic Structure	2
2	Redox Reaction	1
3	Mole Concept	2
4	Chemical Kinetics	2
5	Liquid Solution	2
6	Chemical Equilibrium	1
7	Ionic Equilibrium	3
8	Gaseous State	1
9	Thermodynamics	2
10	Thermochemistry	1
11	Electrochemistry	3
12	Solid State	2
13	Surface Chemistry	1
14	Mixed Type Problems	5