Resonance® Educating for better tomorrow

Target : JEE (Main) 2022

Percentile Improvement Program (PIP)

Course Planning & Schedule

PIP SCHEDULE (15th March to 15th April, 2022)

DATE	PHYSICS	CHEMISTRY	MATHEMATICS
	WORKSHEET (WS) DISCUSSION	WORKSHEET (WS) DISCUSSION	WORKSHEET (WS) DISCUSSION
Tuesday, 15 March, 2022	WS1	WS1	WS1
Wednesday, 16 March, 2022	WS2	WS2	WS2
Thursday, 17 March, 2022	WS3	WS3	WS3
Friday, 18 March, 2022	WS4	WS4	WS4
Saturday, 19 March, 2022	**H O L I**		
Sunday, 20 March, 2022	**Full Syllabus Test A1**		
Monday, 21 March, 2022	WS5	WS5	WS5
Tuesday, 22 March, 2022	WS6	WS6	WS6
Wednesday, 23 March, 2022	WS7	WS7	WS7
Thursday, 24 March, 2022	WS8	WS8	WS8
Friday, 25 March, 2022	WS9	WS9	WS9
Saturday, 26 March, 2022	WS10	WS10	WS10
Sunday, 27 March, 2022	**Full Syllabus Test A2**		
Monday, 28 March, 2022	WS11	WS11	WS11
Tuesday, 29 March, 2022	WS12	WS12	WS12
Wednesday, 30 March, 2022	WS13	WS13	WS13
Thursday, 31 March, 2022	WS14	WS14	WS14
Friday, 1 April, 2022	WS15	WS15	WS15
Saturday, 2 April, 2022	WS16	WS16	WS16
Sunday, 3 April, 2022	**Full Syllabus Test A3**		
Monday, 4 April, 2022	WS17	WS17	WS17
Tuesday, 5 April, 2022	WS18	WS18	WS18
Wednesday, 6 April, 2022	WS19	WS19	WS19
Thursday, 7 April, 2022	WS20	WS20	WS20
Friday, 8 April, 2022	WS21	WS21	WS21
Saturday, 9 April, 2022	WS22	WS22	WS22
Sunday, 10 April, 2022	**Full Syllabus Test A4**		
Monday, 11 April, 2022	WS23	WS23	WS23
Tuesday, 12 April, 2022	WS24	WS24	WS24
Wednesday, 13 April, 2022	WS25	WS25	WS25
Thursday, 14 April, 2022		WS26	
Friday, 15 April, 2022	**Full Syllabus Test A5**		
Saturday, 16 April, 2022	**Course Completes**		

* Only the worksheets chapter wise will be discussed in Live (Offline+Online) classes scheduled on daily basis and buffer days are to be used if extra time required to complete discussion.

*** WORKSHEET SYLLABUS ***

Worksheet No.	*Chemistry*	*Mathematics*	*Physics*
	Chapter	**Chapter**	**Chapter**
1	Atomic Structure	Quadratic equation	Kinematics
2	Mole Concept	Sequence and Series	Newton's Laws of Motion and Friction
3	IUPAC Nomenclature, Structural Isomerism and POC	Trigonometry Ration and Equation	Work, Power, Energy
4	GOC-I & GOC-II, Stereoisomerism	Binomial Theorem	Circular motion
5	Gaseous State	Permutation and Combination	Centre of mass
6	Chemical & Ionic Equilibrium	Probability	Rigid body dynamics
7	Reaction Mechanism-I (Nucleophilic addition and S_N2Th)	Straight Line	Simple Harmonic motion
8	Reaction Mechanism-II (Electrophilic substitution and addition)	Circle	Geometrical Optics
9	Thermodynamics & Thermochemistry	Parabola	Electrostatics
10	Solutions & colligative & Solid State	Ellipse & Hyperbola	Gravitation
11	Electrochemistry	Matrices and Determinant	Current electricity
12	Chemical Kinetics & Surface Chemistry	Function	Capacitance
13	Reduction, Oxidation and Hydrolysis	Inverse Trigonometric Function	String and sound waves
14	Reaction Mechanism-III (S_N1, S_N2 in RX, ROH, ROR)	Limits, Continuity & Derivability	Wave Optics
15	Equivalent Concept	Method of Differentiation	Fluids and Surface Tension
16	Periodic Table & Chemical Bonding	Application of Derivatives	Elasticity and viscosity
17	s-Block Elements	Indefinite Integration	Calorimetry and thermal expansion
18	p-Block Elements (13 & 18 Groups)	Definite Integration	KTG and thermodynamics
19	Reaction Mechanism-IV (Elimination reactions, E1, E2, E1CB)	Area under the curve	Heat transfer
20	Aromatic Compounds (Phenol, Aniline)	Differential Equation	EMF
21	Coordination Compounds	Sets and Relation	EMI
22	Metallurgy	Mathematical Reasoning & Statistics	Alternating Current
23	d & f-block Elements	Solution of Triangle & Height and Distance	Modern Physics 1&2
24	Qualitative Analysis	Vectors & 3D	Electromagnetic waves, Unit & Dimensions, Errors
25	Carbonyl Compound and Carboxylic acid	Complex Numbers	Semiconductors & POC
26	Biomolecule, Polymer & Chemistry in everyday life, Environmental Chemistry		