



COURSE PLANNER

CLASS-XI | VIKAAS (TCHT1)

Medium: Eng./Hin. | Academic Session: 2021-22

Course Start: 29.01.2021 | Syllabus End: 31.12.2021

Target: JEE (Main+Advanced) 2023

TOTAL ACADEMIC HOURS

- ◆ Course Duration: 48 Weeks
- ◆ Total Number of Lectures: 307 (P: 100 | C: 100 | M: 107)
- ◆ Duration of one lecture: 1.5 hrs = 90 minutes
- ◆ Total Duration of Classroom Teaching: 461 hrs
- ◆ Total Duration of Testing Hours (ACTs/APTs/MCTs/MT/AIOT): 45 hrs
- ◆ Total Academic Hours in VIKAAS Course: 506 hrs

SUBJECT WISE SYLLABUS PLAN

PHYSICS [P]				CHEMISTRY [C]				MATHEMATICS [M]			
S. No.	Topic Name/Sequence	No of Lectures	Starting Date	S. No.	Topic Name/Sequence	No of Lectures	Starting Date	S. No.	Topic Name/Sequence	No of Lectures	Starting Date
1	Mathematical Tools	3	25-Jan-21	PHYSICAL				1	Fundamentals of Mathematics-I	17	25-Jan-21
2	Rectilinear Motion	5	01-Feb-21	1	Introduction to Chemistry	5	25-Jan-21	2	Fundamentals of Mathematics-II	9	03-Mar-21
3	Buffer	3	10-Feb-21	2	Mole Concept	11	03-Feb-21	3	Quadratic Equation	17	12-Apr-21
4	Projectile Motion	6	15-Feb-21	3	Atomic Structure	17	02-Mar-21	4	Trigonometry	15	19-May-21
5	Relative Motion	6	01-Mar-21	4	Gaseous State-1	8	27-Apr-21	5	Sequence & Series	12	23-Jun-21
6	NLM	9	15-Mar-21	5	Gaseous State-2	5	17-May-21	6	Binomial Theorem	9	21-Jul-21
7	Friction	5	26-Apr-21	6	Chemical Equilibrium	9	26-May-21	7	Permutation & Combination	12	11-Aug-21
8	Work, Power & Energy	9	05-May-21	INORGANIC				8	Straight Line	12	22-Nov-21
9	Circular Motion	9	31-May-21	1	Periodic Table	7	16-Jun-21	9	Mathematical Reasoning	4	20-Dec-21
10	Centre of Mass	12	21-Jun-21	2	Chemical Bonding-1	6	05-Jul-21				
11	Rigid Body Dynamics	18	19-Jul-21	3	Chemical Bonding-2	8	19-Jul-21				
12	Fluids	6	30-Aug-21	4	Chemical Bonding-3	4	04-Aug-21				
13	Simple Harmonic Motion	9	22-Nov-21	5	Chemical Bonding-4	3	16-Aug-21				
				6	Chemical Bonding-4 + 5	1	23-Aug-21				
				7	Chemical Bonding-5	2	24-Aug-21				
				ORGANIC							
				1	IUPAC Nomenclature	10	30-Aug-21				
				2	Structural Isomerism	4	22-Nov-21				
				3	Structural identification & POC-I	11	30-Nov-21				
Total No. of Lectures				Total No. of Lectures				Total No. of Lectures			
100				100				107			

DPP DISTRIBUTION SCHEDULE

S.No.	Date	Week	Module
1	29 January 2021	W-1	A
2	08 March 2021	W-7	B
3	07 June 2021	W-20	C

RESONANCE EDUVENTURES LTD.

PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

S. No.	Periodic Test Type and No.	Test Pattern	Periodic Test Date	Uploading of Result on Resonance Website	Periodic Test Syllabus			Testing Hours		
					Physics	Chemistry				
						Physical	Inorganic		Organic	
1	APT-1	JEE (Advanced)	25-04-2021 (Sunday)	05-05-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion (upto section-C)	Introduction to chemistry, Mole Concept & Atomic Structure (upto Electronic configuration)	NIL	NIL	FOM-1, Quadratic equation up to nature of roots	6
2	ACT-1	JEE (Advanced)	16-05-2021 (Sunday)	26-05-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion	Introduction to chemistry, Mole Concept & Atomic Structure, Gaseous State-I (upto Graham's Law)	NIL	NIL	FOM-1, Quadratic Equation	6
3	MCT-2	JEE (Main)	06-06-2021 (Sunday)	16-06-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM (upto section-F)	Introduction to chemistry, Mole Concept & Atomic Structure, Gaseous State (Ideal + Real)	NIL	NIL	FOM-1, FOM-2, Quadratic Equation	3
4	APT-2	JEE (Advanced)	27-06-2021 (Sunday)	07-07-2021 (Wednesday)	Projectile Motion, Relative Motion, NLM, Friction, WPE (upto variable force)	Atomic Structure, Gaseous State (Ideal + Real), Chemical Equilibrium	NIL	NIL	Quadratic Equation, Trigonometry (Product of cosine series)	6
5	MCT-3	JEE (Main)	18-07-2021 (Sunday)	28-07-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, Centre of mass (upto section-A)	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State (Ideal + Real), Chemical Equilibrium	Periodic Table, BIN	NIL	FOM-1, Quadratic Equation, Trigonometry	3
6	ACT-3	JEE (Advanced)	08-08-2021 (Sunday)	18-08-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, Centre of mass (upto section-A)	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State (Ideal + Real), Chemical Equilibrium	Periodic Table, BIN, Chemical Bonding-1 & 2	NIL	FOM-1, Quadratic Equation, Trigonometry, Sequence and Series	6
7	APT-3	JEE (Advanced)	05-09-2021 (Sunday)	15-09-2021 (Wednesday)	WPE, Circular Motion, Centre of mass, RBD (upto section-B)	Gaseous State (Real Gas), Chemical Equilibrium	Chemical Bonding	NIL	Trigonometry, Sequence and Series, FOM-2	6
8	ACT-4	JEE (Advanced)	05-12-2021 (Sunday)	15-12-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State (Ideal + Real), Chemical Equilibrium,	Periodic Table, BIN, Chemical Bonding	IUPAC Nomenclature & Structural Isomerism	FOM-1, Quadratic Equation, Trigonometry, Sequence and Series, FOM-2, Binomial Theorem, P & C, Straight Line, Mathematical Reasoning, Circle	6
9	MCT-4	JEE (Main)	26-12-2021 (Sunday)	29-12-2021 (Wednesday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, Fluid	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous State (Ideal + Real), Chemical Equilibrium,	Periodic Table, BIN, Chemical Bonding	IUPAC Nomenclature & Structural Isomerism & POC-I	FOM-1, FOM-2, Quadratic Equation, Trigonometry, Sequence and Series, Binomial Theorem, Permutation and Combination, Straight Line	3

Note: 1. Students are advised to refer their notice board for test timings.
2. Student can submit their request to Result Section for re-evaluation in two working days after first display of result.

TOTAL TESTING HOURS

45