



COURSE PLANNER

CLASS-XI | VIKAAS (04JA)

Medium: Eng./Hin. Academic Session: 2019-20

Course Start: 22.04.2019 | Syllabus End: 30.12.2019

Target: JEE (Main+Advanced) 2021

TOTAL ACADEMIC HOURS

- ◆ Course Duration: 44 Weeks
- ◆ Total Number of Lectures: 451 (P: 137 | C: 177 | M: 137)
- ◆ Duration of one lecture: 1.5 hrs = 90 minutes
- ◆ Total Duration of Classroom Teaching: 677 hrs
- ◆ Total Duration of Testing Hours (ACTs/APTs/MCTs/MT/AIOT): 60 hrs
- ◆ Total Academic Hours in VIKAAS Course: 737 hrs

SUBJECT WISE SYLLABUS PLAN

PHYSICS (PI)				CHEMISTRY (CI)				MATHEMATICS (MI)			
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 Tool	12	22.04.19	PHYSICAL/ INORGANIC				1	Fundamentals of Mathematics-I	13	22.04.19
2	Rectilinear Motion	6	08.05.19	1	Introduction to Chemistry	4	22.04.19	2	Quadratic Equation	12	09.05.19
3	Projectile Motion	6	16.05.19	2	Atomic Structure	16	06.05.19	3	Trigonometry	15	27.05.19
4	Relative Motion	6	27.05.19	3	Mole Concept	12	01.07.19	4	Sequence & Series	11	14.06.19
5	NLM	9	05.06.19	4	Gaseous State-I	8	01.08.19	5	Fundamentals of Mathematics-II	9	01.07.19
6	Friction	6	20.06.19	5	Chemical Equilibrium	8	20.08.19	6	Binomial Theorem	8	16.07.19
7	WPE	9	01.07.19	6	Gaseous State-II	4	09.09.19	7	Permutation & Combination	12	30.07.19
8	Circular Motion	7	22.07.19	7	s-block	5	17.09.19	8	Straight Line	15	20.08.19
9	Center of Mass	10	06.08.19	8	Thermodynamics & Thermochemistry	15	30.09.19	9	Mathematical Reasoning	3	18.09.19
10	RBD	13	27.08.19	9	p-block (13-14 group)	5	13.11.19	10	Mathematical Induction	2	25.09.19
11	Simple Harmony Motion	7	30.09.19	10	Ionic Equilibrium (Elementary)	7	26.11.19	11	Circle	11	30.09.19
12	Fluid Mechanics	4	14.10.19	11	Ionic Equilibrium (Advanced)	6	11.12.19	12	Solution of Triangle	6	04.11.19
13	Surface Tension	2	21.10.19	ORGANIC				13	Conic Section	17	18.11.19
14	Elasticity & Viscosity	3	04.11.19	1	IUPAC Nomenclature	11	22.04.19	14	Statistics	3	19.12.19
15	String Waves	7	11.11.19	2	Structural Isomerism	4	21.05.19				
16	Unit & Dimension	1	21.11.19	3	Structural Identification	3	03.06.19				
17	Sound Waves	6	25.11.19	4	ABC-I, II & III	9	11.06.19				
18	KTG & Thermodynamics	7	05.12.19	5	Periodic Table	7	01.07.19				
19	Calorimetry & Thermal Expansion	3	18.12.19	6	BIN	3	16.07.19				
20	Error & Experiment	1	24.12.19	7	Chemical Bonding-I	6	23.07.19				
21	Miscellaneous	12		8	Chemical Bonding-II	6	07.08.19				
				9	Chemical Bonding-III	5	26.08.19				
				10	Chemical Bonding-IV & V	7	04.09.19				
				11	ABC-IV	3	23.09.19				
				12	GOC-I	9	30.09.19				
				13	GOC-II	14	05.11.19				
Total No. of Lectures		137		Total No. of Lectures		177		Total No. of Lectures		137	

DPP DISTRIBUTION & DISCUSSION SCHEDULE

S.No.	DATE	P/C/M
1	22 Apr to 30 Jun 19	Module-A
2	01 Jul to 29 Sep 19	Module-B
3	30 Sep 19 to 30 Dec 19	Module-C

RESONANCE BOARD WORKSHEET (RBW) SCHEDULE

S.No.	PHYSICS	OC	PC	MATHS
1	13.05.2019	27.05.2019	01.07.2019	29.04.2019
2	17.06.2019	01.07.2019	26.08.2019	20.05.2019
3	15.07.2019	22.07.2019	30.09.2019	10.06.2019
4	26.08.2019	16.09.2019	11.11.2019	01.07.2019
5	30.09.2019	11.11.2019	09.12.2019	05.08.2019
6	11.11.2019	-	-	02.09.2019
7	02.12.2019	-	-	30.09.2019
8	-	-	-	11.11.2019

COUNSELING SESSIONS SCHEDULE*

WEEK
20 - 25 May 2019
22 - 27 July 2019
14 - 19 October 2019

*Timings of Counseling Session for Individual Batch will be announced via time table.

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			Mathematics
						Physical/ Inorganic	Organic		
1	APT-1	JEE (Adv.)	19-05-19 (Sunday)	30-05-19 (Thursday)	Mathematical Tools, Rectilinear Motion	Introduction to Chemistry & Atomic Structure (upto Electromagnetic Radiations (properties of waves))	IUPAC Nomenclature (up to Non-chain terminating functional groups)	Fundamentals of Mathematics-I, Quadratic Equation (Upto Relation of Roots and coefficient.)	6
2	ACT-1	JEE (Adv.)	23-06-19 (Sunday)	27-06-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM	Introduction to Chemistry & Atomic Structure (upto Quantum nos.)	IUPAC Nomenclature, Structural Isomerism & Structural Identification	Fundamentals of Mathematics-I, Quadratic Equation, Trigonometry, Sequence & Series (Upto Properties A.P., Arithmetic mean (A.M.))	6
3	APT-2	JEE (Adv.)	07-07-19 (Sunday)	11-07-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, NLM, Friction	Atomic Structure + Mole Concept (upto minimum molecular mass determination)	Structural Isomerism, Structural Identification & ABC-1, 2, 3	Quadratic Equation, Trigonometry, Sequence & Series	6
4	MCT-2+ BPT-2	JEE (Main) + Board	28-07-19 (Sunday)	01-08-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM, Friction, WPE	Introduction to Chemistry, Atomic Structure, Mole Concept (upto Balancing of Redox Reactions)	Structural Identification, ABC-1, 2, 3 & Periodic table Complete	Fundamentals of Mathematics-I, Quadratic Equation, Trigonometry, Sequence & Series, Fundamentals of Mathematics-II	6
5	ACT-2	JEE (Adv.)	25-08-19 (Sunday)	29-08-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM, Friction, WPE, Circular Motion	Introduction to Chemistry, Atomic Structure, Mole Concept (upto Graham's law)	Periodic table & BIN	Fundamentals of Mathematics-I, Quadratic Equation, Trigonometry, Sequence & Series, Fundamentals of Mathematics-II, Binomial Theorem, Permutation & Combination (Upto except multinomial and rearrangement)	6
6	APT-3	JEE (Adv.)	22-09-19 (Sunday)	26-09-19 (Thursday)	Friction, WPE, Circular Motion, Centre of mass, RBD (Upto Section D)	Mole Concept, Gaseous state-1, Chemical Equilibrium & Gaseous state-2 (upto virial equation)	Chemical Bonding-1, 2, 3 & 4	Sequence & Series, Fundamentals of Mathematics-I, Binomial Theorem, Permutation & Combination, Straight Line (Upto Family of lines)	6
7	ACT-3	JEE (Adv.)	10-11-19 (Sunday)	14-11-19 (Thursday)	Mathematical Tools, Rectilinear Motion, Projectile Motion, Relative motion, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD, SHM, Fluid, Surface Tension	Introduction to Chemistry, Atomic Structure, Mole Concept, Gaseous state 1, Chemical Equilibrium, Gaseous state 2, s-block elements & Thermodynamics (upto II)	Chemical Bonding Complete & GOC-I (up to Hyperconjugation)	Fundamentals of Mathematics-I, Quadratic Equation, Trigonometry, Sequence & Series, Fundamentals of Mathematics-II, Binomial Theorem, Permutation & Combination, Straight Line, Circle	6
8	APT-4	JEE (Adv.)	01-12-19 (Sunday)	05-12-19 (Thursday)	RBD, SHM, Fluid, Surface Tension, Elasticity & Viscosity, String wave, Unit & Dimension	Gaseous state-2, s-block elements, Thermodynamics & Thermochemistry, p-block elements (Group 13 & 14.)	GOC-I & Reaction intermediated	Straight Line, Circle, Solution of Triangle, Conic Section (Upto Elementary concepts of Parabola)	6
9	MT	JEE (Main)	27-12-19 (Friday)	02-01-20 (Thursday)	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	3
10	MT	JEE (Adv.)	30-12-19 (Monday)	03-01-20 (Friday)	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	6
11	AJOT	JEE (Main)	09-02-20 (Sunday)	13-02-20 (Thursday)	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	XI Full Syllabus	3
TOTAL TESTING HOURS									60

Date of Reshuffling of Batches: 01.07.2019, 29.09.2019

Note: 1. Students are advised to refer their notice board for test timings | 2. Their will be no classes on the preceding Saturday before every PTs/ CTs (except BPTs).

3. Student can submit their request to Result Section for re-evaluation in two working days after first display of result.