



COURSE PLANNER

CLASS-XII | VIJETA (03JPB)

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

Course Start: 01.04.2019 | Syllabus End: 27.11.2019

Target: JEE (Main+Advanced) 2020

TOTAL ACADEMIC HOURS

- ♦ Course Duration: 33 Weeks
- ♦ Total Number of Lectures: 428 (P: 135 | C: 158 | M: 135)
- ♦ Duration of one lecture: 1.5/1.75 hrs = 90/105 minutes
- ♦ Total Duration of Classroom Teaching: 689.25 hrs
- ♦ Total Duration of Testing Hours (ACTs/APTs/MCTs/MT/AIOT): 84 hrs
- ♦ Total Academic Hours in VIJETA Course: 773 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	Geometric Optics	18	01.04.19	PHYSICAL/ INORGANIC				1	Relation & Function	18	01.04.19
2	Electrostatics	19	01.05.19	1	Solution & Colligative Properties	8	01.04.19	2	Limit Continuity & Derivability	14	01.05.19
3	Gravitation	4	01.06.19	2	Coordination Compound	10	17.04.19	3	MOD	3	22.05.19
4	Current Electricity	10	06.06.19	3	Solid State	7	14.05.19	4	Application of Derivatives	15	28.05.19
5	Measurement & Error, Experiment	3	24.06.19	4	Electrochemistry	10	29.05.19	5	Linear Programming	1	20.06.19
6	Heat Transfer	4	27.06.19	5	Metallurgy	5	24.06.19	6	Matrices & Determinants	11	24.06.19
7	Capacitance	9	04.07.19	6	Qualitative Analysis (Anion)	6	03.07.19	7	Indefinite Integration	7	10.07.19
8	EMF	13	17.07.19	7	Nitrogen & Oxygen	7	22.07.19	8	Definite Integration & Its Application	13	22.07.19
9	EMI	10	06.08.19	8	Equivalent Concept & Titration	6	06.08.19	9	Differential Equation	6	08.08.19
10	Alternative Current	4	22.08.19	9	Halogen & Noble Gas	4	21.08.19	10	Probability	9	19.08.19
11	Modern Physics-1	10	02.09.19	10	Chemical Kinetics	9	02.09.19	11	Vector & 3D	23	02.09.19
12	Nuclear Physics	6	23.09.19	11	Surface Chemistry	3	23.09.19	12	Binary Operation	2	04.11.19
13	Wave Optics	7	09.10.19	12	Qualitative Analysis (Cation)	5	07.10.19	13	Complex No.	13	06.11.19
14	Semiconductor	6	22.10.19	13	d-block Elements	3	16.10.19				
15	POC	2	12.11.19	ORGANIC							
16	EMW	1	14.11.19	1	Stereoisomerism	12	01.04.19				
17	Buffer	09	18.11.19	2	ORM-I	8	07.05.19				
				3	ORM-II	8	28.05.19				
				4	Reduction, Oxidation & Hydrolysis	6	24.06.19				
				5	ORM-III	6	08.07.19				
				6	ORM-IV	5	22.07.19				
				7	Aromatic Compound	5	01.08.19				
				8	Carbonyl Comp., Carboxylic Acid & Acid Derivatives	8	13.08.19				
				9	Biomolecules & Polymers	8	02.09.19				
				10	Physical Prop., POC-II, Qualitative & Quantitative Analysis	9	07.10.19				
Total No. of Lectures		135		Total No. of Lectures		158		Total No. of Lectures		135	

DPP DISTRIBUTION & DISCUSSION SCHEDULE

S.No.	DATE	P/C/M
1.	01 Apr to 23 Jun 19	Module-A
2.	24 Jun to 01 Sep 19	Module-B
3.	02 Sep to 27 Nov 19	Module-C

RESONANCE BOARD WORKSHEET (RBW) SCHEDULE

S.No.	PHYSICS	CHEMISTRY	MATHS
1	29.04.2019	01.07.2019 (OC)	13.05.2019
2	27.05.2019	03.07.2019 (PC)	17.06.2019
3	21.07.2019	12.08.2019 (PC)	15.07.2019
4	-	-	12.08.2019

COUNSELING SESSIONS SCHEDULE*

WEEK
03 - 08 June 2019
15 - 20 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	Scholarship Test	JEE (Adv.)	14-04-19 (Sunday)	25-04-19 (Thursday)	XI Syllabus	XI Syllabus	XI Syllabus	6
2	APT-1	JEE (Adv.)	19-05-19 (Sunday)	23-05-19 (Thursday)	Geometrical Optics, Electrostatics (Up to electric field), KTG & Thermodynamics, SHM, String wave, Sound waves, Calorimetry & Thermal expansion	: Solution & Colligative Properties, Coordination Compound, Thermodynamics, s-Block Element & Ionic Equilibrium & Cheminfo (till date)	Stereoisomerism, IUPAC Nomenclature & structural isomerism, ABC-1 & 2	6
3	MCT-1	JEE (Main)	18-06-19 (Sunday)	20-06-19 (Thursday)	Geometrical Optics, Electrostatics, Gravitation, Current electricity (upto resistance), KTG & Thermodynamics, SHM, String wave, Sound waves, Calorimetry & Thermal expansion	Solution & Colligative Properties; Coordination Compound, Solid State, Electrochemistry, Upto to Faraday's law of electrolysis, Cell's lead storage batteries & fuel cell), Gaseous state, Chemical Bonding.	Stereoisomerism, ORM-I, ORM-II (only Electrophilic Aromatic substitution reaction), ABC - 3 & 4	3
4	APT-2	JEE (Adv.)	21-07-19 (Sunday)	01-08-19 (Thursday)	Gravitation, Current electricity, Measurement error & Experiments, Heat Transfer, Capacitance, Kinematics, NLM, Friction, WPE	Electrochemistry, Metallurgy, Qualitative Analysis (Only anion), p-Block (13-14 group), Chemical Bonding, Mole concept	ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis & GOC - I	6
5	ACT-1	JEE (Adv.)	11-08-19 (Sunday)	22-08-19 (Thursday)	Geometrical Optics, Electrostatics, Gravitation, Current electricity, Measurement error & Experiments, Heat Transfer, Capacitance, BME, Kinematics, NLM, Friction, WPE	Solution & Colligative Properties; Solid State, Coordination Compound, Electrochemistry, Metallurgy, Qualitative Analysis, (Only anion), p-Block (15-16 group), Chemical Equilibrium	Stereoisomerism, ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III, ORM-IV & GOC - II	6
6	MCT-3 + BPT-2	JEE (Main) + Board	15-09-19 (Sunday)	26-09-19 (Thursday)	Geometrical optics, Electrostatics, Gravitation, Current electricity, Measurement and error and experiments, Heat transfer, Capacitance, EMF, EMI, AC, Modern Physics- upto matter waves, XI Syllabus complete	MCT-3: Sol. & Coll. Prop., Coordination Compound, Solid state, Electrochem; Metallurgy, Qual. Analysis (Only anion), p-Block (13-18 group), Equivalent concept & titrations, Chem. Kinetics BPT-2: Solution & Colligative Properties, Coordination Compound, solid state, Electrochemistry, Metallurgy, p-Block (15-18 group)	Stereoisomerism, ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III, ORM-IV, Aromatic Compound, Carbonyl Compounds, Carboxylic Acid & Acid Derivatives	6
7	APT-4	JEE (Adv.)	13-10-19 (Sunday)	24-10-19 (Thursday)	Capacitance, EMF, EMI, AC, Modern Physics-I, Nuclear Physics, XI syllabus complete	Qualitative Analysis (Only anion), p-Block (13-18 group), Equivalent concept & titrations, Chemical Equilibrium, Atomic structure, periodic table, BN Chemical Kinetics, Surface Chemistry	ORM-IV, Aromatic Compound, Carbonyl Compounds, Carboxylic Acid & Acid Derivatives, Biomolecules	6
8	ACT-4	JEE (Adv.)	17-11-19 (Sunday)	28-11-19 (Thursday)	Complete XI & XII syllabus	Sol. & Coll. Prop., Solid State, Coord. Comp., Electrochem., Metallurgy, Qualitative Analysis; p-Block (15-18 group), Equi. Concept & Titrations, Chem. Kinetics, Surface Chemistry, d-block	Full Syllabus	6
9	MIMT-1	JEE (Main)	26-12-19 (Thursday)	02-01-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	3
10	AMT-1	JEE (Adv.)	28-12-19 (Saturday)	02-01-20 (Thursday)	XII Syllabus	XII Syllabus	XII Syllabus	6
11	AIOI-1	JEE (MAIN)	29-12-19 (Sunday)	09-01-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	3
12	AIOI-2	JEE (MAIN)	16-02-19 (Sunday)	20-02-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	3
13	JPT-1	JEE (Main)	15-03-20 (Sunday)	19-03-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	3
14	JPT-2	JEE (Main)	22-03-20 (Sunday)	26-03-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	3
15	JPT-3	JEE (MAIN)	29-03-20 (Sunday)	02-04-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	3
16	JPT-1	JEE (Adv.)	26-04-20 (Sunday)	30-04-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	6
17	AIOI	JEE (Adv.)	03-05-20 (Sunday)	07-05-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	6
18	JPT-2	JEE (Adv.)	10-05-20 (Sunday)	14-05-20 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	6

Date of Reshuffling of Batches: 23.06.2019, 02.09.2019

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 PTFs/ CTS (except BPTs).

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

TOTAL TESTING HOURS

84