

REVISED COURSE PLANNER FOR STUDENTS: CLASS-XIII | AJAY (ER07)

Target: JEE (Main) 2019 | Medium: English | Hindi

Course Ends: 03.03.2019

PHYSICS (P)

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	RECTILINEAR MOTION	4	23.07.2018	10	CURRENT ELECTRICITY	6	25.09.2018	19	ALTERNATING CURRENT	2	14.01.2019
2	PROJECTILE MOTION	3	27.07.2018	11	CAPACITANCE	5	02.10.2018	20	MODERN PHYSICS-I	7	16.01.2019
3	RELATIVE MOTION	4	31.07.2018	12	CIRCULAR MOTION	5	08.10.2018	21	NUCLEAR PHYSICS	4	24.01.2019
4	GEOMETRICAL OPTICS	13	13.08.2018	13	CENTRE OF MASS	7	13.10.2018	22	FLUID MECHANICS	4	30.01.2019
5	NEWTON'S LAWS OF MOTION	5	21.08.2018	14	RIGID BODY DYNAMICS	12	22.10.2018	23	SURFACE TENSION	3	05.02.2019
6	FRICTION	3	27.08.2018	15	EMI	6	20.12.2018	24	ELASTICITY AND VISCOSITY	2	08.02.2019
7	WORK, POWER, ENERGY	5	30.08.2018	16	EMI	5	28.12.2018	25	KTG AND THERMODYNAMICS	8	11.02.2019
8	ELECTROSTATICS	14	05.09.2018	17	ALTERNATING CURRENT	2	03.01.2019	26	CALORIMETRY & THERMAL EXPANSION	3	20.02.2019
9	GRAVITATION	3	21.09.2018	18	MODERN PHYSICS-I	6	05.01.2019	27	HEAT TRANSFER	5	25.02.2019

Total No. of Lectures

146

CHEMISTRY (C): PHYSICAL/INORGANIC

S. No.	Topic Name/Sequence	No of Lect.	Starting Date	S. No.	Topic Name/Sequence	No of Lect.	Starting Date	S. No.	Topic Name/Sequence	No of Lect.	Starting Date	S. No.	Topic Name/Sequence	No of Lect.	Starting Date
1	MOLE CONCEPT	7	23.07.18	14	SOLID STATE	5	11.12.18	1	IUPAC NOMENCLATURE	4	23.07.18	14	BIOMOLECULES	2	to 22.01.19
2	QUANTUM MECHANICAL MODEL OF ATOM (QM/M)	1	02.08.18	15	THERMODYNAMICS & THERMOCHEMISTRY	6	19.12.18	2	STRUCTURAL ISOMERISM	1	06.08.18	15	POLYMER	1	23.01.19
3	PERIODIC TABLE	2	06.08.18	16	D-BLOCK ELEMENT	2	27.12.18	3	STRUCTURE IDENTIFICATION & POC-I	3	07.08.18	16	PHYSICAL PROPERTIES & CHEMISTRY IN EVERYDAY LIFE	1	24.01.19
4	REAL GASES	4	08.08.18	17	P-BLOCK ELEMENTS (B & C FAMILY)	2	03.01.19	4	GOC-I & II	11	20.08.18	17	GOC-I (REVISION)	1	25.01.19
5	CHEMICAL BONDING-1 to 5	13	16.08.18	18	P-BLOCK (N & O)	4	07.01.19	5	STEREISOIMERISM	6	18.09.18	18	GOC-II (REVISION)	1	28.01.19
6	CHEMICAL EQUILIBRIUM	6	11.09.18	19	P-BLOCK ELEMENTS (B & C FAMILY)	2	14.01.19	6	ORM-I & II	10	01.10.18	19	STEREISOIMERISM (REVISION)	1	29.01.19
7	METALLURGY	3	25.09.18	20	P-BLOCK (N & O)	4	16.01.19	7	REDUCTION, OXIDATION & HYDROLYSIS	3	19.11.18	20	ORM-I TO ORM-IV (REACTION MECHANISM (REVISION))	4	04.02.19
8	IONIC EQUILIBRIUM (ELEMENTARY)	5	02.10.18	21	P-BLOCK ELEMENTS (B & C FAMILY)	2	24.01.19	8	ORM-III & IV	7	26.11.18	21	CARBONYL COMPOUNDS (REVISION)	1	12.02.19
9	EQUIVALENT CONCEPT	3	11.10.18	22	P-BLOCK (N & O)	5	26.01.19	9	AROMATIC COMPOUND	3	18.12.18	22	AROMATIC (REVISION)	1	18.02.19
10	COORDINATION COMPOUNDS	8	17.10.18	23	SURFACE CHEMISTRY	2	30.01.19	10	CARBONYL COMPOUNDS	2	25.12.18	23	REDUCTION, OXIDATION & HYDROLYSIS	1	19.02.19
11	ELECTROCHEMISTRY	7	31.10.18	24	S-BLOCK	4	04.02.19	11	ACID & DERIVATIVES	1	03.01.19	24	BIOMOLECULES (REVISION)	1	20.02.19
12	CHEMICAL KINETICS	6	21.11.18	25	P-BLOCK (HALOGEN & NOBLE GASES)	3	11.02.19	12	BIOMOLECULES	2	12.01.19	25	CHEMISTRY IN EVERYDAY LIFE, ENVIRONMENTAL CHEMISTRY	1	25.02.19
13	SOLUTION & COLLIGATIVE PROPERTIES	6	29.11.18	26	QUALITATIVE ANALYSIS-1 & 2	6	14.02.19	13	ACID & DERIVATIVES	1	14.01.19	26	POLYMERS & POC	1	26.02.19

Total No. of Lectures

189

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	FUNDAMENTALS OF MATHEMATICS	10	23.07.2018	9	CIRCLE	7	22.10.2018	17	BINOMIAL THEOREM	9	03.01.2019
2	QUADRATIC EQUATION	8	03.08.2018	10	MATHEMATICAL REASONING	3	30.10.2018	18	BINOMIAL THEOREM	8	14.01.2019
3	FUNCTION & ITF	12	13.08.2018	11	SETS & RELATION	2	02.11.2018	19	PERMUTATION & COMBINATION	8	23.01.2019
4	LIMITS, CONTINUITY & DERIVABILITY	12	28.08.2018	12	CONIC SECTION	10	15.11.2018	20	PROBABILITY	5	04.02.2019
5	APPLICATION OF DERIVATIVES	14	11.09.2018	13	VECTOR & 3-D	11	28.11.2018	21	COMPLEX NUMBER	8	09.02.2019
6	STATISTICS	2	27.09.2018	14	INDEFINITE INTEGRATION	5	11.12.2018	22	SEQUENCE & SERIES	5	19.02.2019
7	MATRICES & DETERMINANT	9	29.09.2018	15	DEFINITE INTEGRATION & ITS APPLICATION	9	17.12.2018	23	SOLUTION OF TRIANGLE	3	26.02.2019
8	STRAIGHT LINE	10	10.10.2018	16	DIFFERENTIAL EQUATION	5	28.12.2018				

Total No. of Lectures

175

Important Notice: Due to JEE (Main) exam date lie between 3rd Jan to 23rd Jan 2019 the topic taught between 3rd Jan to 12th Jan will get repeated on 14th Jan to 23rd Jan

**Topic wise Test (TWT) & Accelerated Completion Package (ACP) Schedule
Period: 05th Nov to 14th Nov 18**

PHYSICS		CHEMISTRY		MATHS	
S. No.	Topic Name/Sequence	S. No.	Topic Name/Sequence	S. No.	Topic Name/Sequence
1	Alternating Current	1	S-block	1	Binomial Theorem
2	Modern Physics	2	p-block	2	Permutation & Combination
3	Nuclear Physics	3	Surface Chemistry	3	Probability
4	Fluids	4	Carbonyl Compound & Acid Derivatives	4	Complex Number
5	Surface Tension	5	Biomolecules	5	Sequence & Series
6	Elasticity & Viscosity	6	Polymer	6	Solution of Triangle
7	KTG & Thermodynamics	7	Chemistry in Everyday Life		
8	Calorimetry				
9	Thermal Expansion & Heat Transfer				

IMPORTANT NOTE:

05th Nov to 14th Nov 2018, Topic Wise Test (TWT) will be available in students login.
(a) Chapter wise tests targeting **JEE (Main)** revision.
(b) Student can **create** his own three hours test paper by selecting own choice of **TWT** each from PCM.
(c) ACP study material will be provided on 1st week of Nov., 2018.

Holidays/ Vacations (Total: 11-Days): 1. Deepawali Holidays: From 05th November, 2018 (Monday) to 14th November, 2018 (Wednesday): 10 Days, 2. Republic Day: 26th January, 2019: One Day (Applicable only at Kota SC and at other SC's Deepawali vacation will be informed to students as per respective SC holiday calendar)

RESONANCE EDVENTURES LTD.

PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

Test Pattern: JEE (Main)

S. No.	Periodic Test Type and No.	Mode	Periodic Test Date	First Display (Notice Board) & Communication to parent with Centre Rank	Display & Communication of Final Result with All Resonance	Uploading of Result on Resonance Website	Physics	Periodic Test Syllabus		Testing Hours	
								Physical/ Inorganic	Chemistry		Mathematics
1	MPT-2	Offline	16-09-18 (Sunday)	20-09-18 (Thursday)	25-09-18 (Tuesday)	27-09-18 (Thursday)	Geometrical Optics, NLM, Friction, Work, Power & Energy, Electrostatics (Up to Electric field)	Real gas, Chemical Bonding	Structure identification, POC, GOC-1 (Complete)	Quadratic Equations + Function & IIF + Limits	3
2	MCT-2	Online	14-10-18 (Sunday)	18-10-18 (Thursday)	23-10-18 (Tuesday)	25-10-18 (Thursday)	Rectilinear motion, projectile motion, relative motion, Geometrical Optics, NLM, Friction, Work, power, energy, Electrostatics, Current Electricity, Capacitance	Mole Concept, GMM, Periodic Table, Real Gas, Chemical Bonding, Chemical Equilibrium, Metallurgy.	GOC-1, GOC-II & Stereo isomerism (Geometrical & Optical isomers)	Fundamentals of Mathematics, Quadratic Equation, Function & IIF, Limits, Continuity & Derivability, Application of Derivatives, Statistics, Matrices & Determinant (Upto Determinant only)	3
3	MPT-3	Offline	28-10-18 (Sunday)	01-11-18 (Thursday)	06-11-18 (Tuesday)	08-11-18 (Thursday)	Electrostatics, Gravitation, Current Electricity, Capacitance, Circular Motion, Center of mass, Rigid Body Dynamics (Up to Rotational equilibrium)	Chemical Equilibrium, Metallurgy, Ionic Equilibrium	GOC-II, Stereoisomers & ORM-1	Limits, Continuity & Derivability, Application of Derivatives, Matrices & Determinant, Straight Line	3
4	MCT-3	Online	25-11-18 (Sunday)	29-11-18 (Thursday)	04-12-18 (Tuesday)	06-12-18 (Thursday)	Rectilinear motion, projectile motion, relative motion, Geometrical Optics, NLM, Friction, Work, power, energy, Electrostatics, Gravitation, Current electricity, Capacitance, Circular motion, Centre of mass, RBD, Error, Screw gauge	Mole concept, GMM, Periodic table, Real Gas, Chemical Bonding, Chemical Equilibrium, Metallurgy, Ionic Equilibrium (elementary), Equivalent Concept, d-block elements, Coordination compounds (All Cheminfo and Handouts Till date)	Stereoisomers and ORM-I & ORM-II complete	Fundamentals of Mathematics, Quadratic Equation, Function & IIF, Limits, Continuity & Derivability, Application of Derivatives, Statistics, Matrices & Determinant, Straight Line, Circle, Mathematical Reasoning, Sets & Relation	3
5	AOT1	Online + Offline	23-12-18 (Sunday)	27-12-18 (Thursday)	01-01-19 (Tuesday)	03-01-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
6	MVT	Online	30-12-18 (Sunday)	03-01-19 (Thursday)	08-01-19 (Tuesday)	10-01-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
7	MPT-4	Online	03-02-19 (Sunday)	07-02-19 (Thursday)	12-02-19 (Tuesday)	14-02-19 (Thursday)	Electrostatics, Gravitation, Current electricity, capacitance, Circular motion, Centre of Mass, Rigid Body Dynamics, Simple harmonic motion, string waves, sound waves, wave optics, EMF EMI, Alternating current, Modern Physics, Nuclear-physics.	Chemical Kinetics, Solution & Colligative Properties, Solid State, Thermodynamics, p-Block (13 to 16 Group)	Aromatic compounds, Carbonyl compounds, Acid & Acid derivatives	Circle, Conic Section, Vector & 3-D, Indefinite Integration, Definite Integration & Its Application, Differential Equation, Binomial Theorem	3
8	AOT2	Online + Offline	17-02-19 (Sunday)	21-02-19 (Thursday)	26-02-19 (Tuesday)	28-02-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
9	MT	—	03-03-19 (Sunday)	07-03-19 (Thursday)	12-03-19 (Tuesday)	14-03-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
10	JPT1	Online + Offline	10-03-19 (Sunday)	14-03-19 (Thursday)	19-03-19 (Tuesday)	21-03-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
11	JPT2	Online + Offline	17-03-19 (Sunday)	21-03-19 (Thursday)	26-03-19 (Tuesday)	28-03-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
12	JPT3 + JPT4	Online (Student login)	24-03-19 (Sunday)	28-03-19 (Thursday)	02-04-19 (Tuesday)	04-04-19 (Thursday)	Full Syllabus	Full Syllabus	Full Syllabus	Full Syllabus	3
										Total Testing Hours	36

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 for re-evaluation in two working days after first display of result.

Batch will get merged with ER05 on 11.11.2018