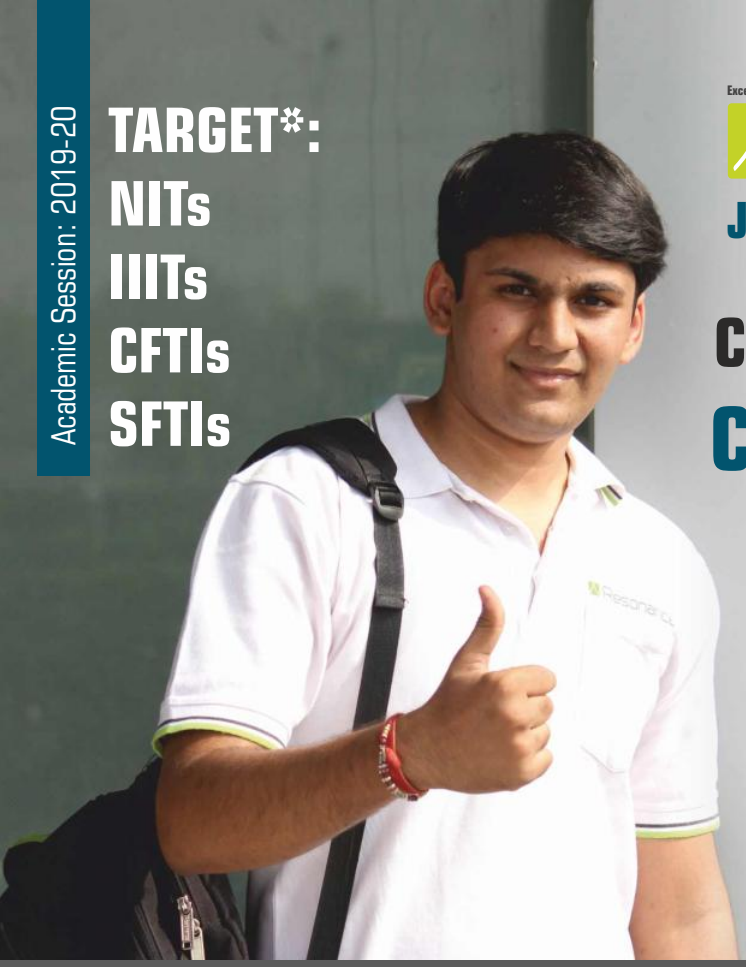
Academic Session: 2019-20

TARGET*:
NITs
IIITs
CFTIs
SFTIs



Excelling in IIT-JEE Since 2001...
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JEE (MAIN) DIVISION

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# COURSE PLANNER FOR STUDENTS

# CLASS-XII | AKHIL (EF05)

## Target: JEE (Main) 2020

### Medium: English | Hindi

## COURSE CONCEPT

A Course which offers ample time of 1 year to become an expert in the curriculum of JEE (Main). The course progresses with basic fundamental study; covering upon the syllabus of boards alongwith the preparation for JEE (Main).

**Course Commencement: 29.04.2019 | Course Ends: 29.12.2019**

**Reshuffling Date: 23 June, 2019 & 01 September, 2019 | (EF 04) Merge Date : 23.06.2019 | (EF 01) Merge Date : 01.09.2019**

## RESONANCE TEACHING METHODOLOGY

| Preparation for JEE (Main) | Preparation for Board Examination |
|---|---|
| Classroom Teaching | Classroom Teaching & NCERT Book Discussion |
| Daily Practice Problems (DPPs) | Resonance Board Worksheets (RBWs) |
| Study Material (Sheets/Modules) | Study Material (Sheets/Modules) |
| MPT - Main Pattern Part Test | Board (BPTs) Pattern Tests |
| MCT - Main Pattern Cumulative Test | Doubt Classes |
| Doubt Classes | Support for Fourth Subject (English)* |
| | Support for Fifth Subject* |
| | Support for Practical (Physics & Chemistry) |

*The support for Fourth subject (English), Fifth subject & Practical is provided by the institute to students on Optional & Nominal Chargeable basis.

## TOTAL ACADEMIC HOURS

- **Course Duration:** 35 Weeks
- **Total Number of Lectures: 552** (P: 184 | C: 184 | M: 184)
- **Duration of one lecture:** 1.5 hrs = 90 minutes
- **Total Duration of Classroom Teaching: 828** hrs
- **Total Duration of Testing Hours (MCTs/MPTs/BPTs/MT/AIOT): 66** hrs
- **Total Academic Hours in AKHIL Course: 894** hrs

## TEACHING/ LEARNING TOOLS

- **Daily Practice Problems (DPPs):** A handout having problems for home assignment, practice and classroom discussion covering current and previous topics. Most of the DPPs contains upto 10 problems or more.
- **Board Worksheet:** Questions on board pattern with blank spaces (to write their answers) are provided to students in the form of worksheets. Students after completing the worksheet; have to submit it for evaluation. It ensures written practice of students for board examinations.
- **Study Material (Sheets/Modules):** Topic wise study material having key concepts, problems for practice in various Exercise Levels and questions asked in previous years (Board/ JEE (Main)/ JEE (Advanced) along with school exam material is provided.
- **Periodic Tests:** Periodic Tests are conducted having part syllabus (Part Tests - PTs) with many problems of seen nature and Tests comprising of the syllabus taught till date (Cumulative Tests - CTs) with unseen problems. Both PTs and CTs are conducted on the pattern of JEE (Main) in offline and online mode. Board Practice Tests (BPTs) are also conducted.

**Disclaimer:**

- The Institute reserves the right to increase/decrease the number of lectures alloted to any topic and also make changes in the sequence of the topics of each subject depending upon the course requirements.
- This Course Planner in all respects is applicable only at Kota (Rajasthan). At other Resonance Study Centres, Students/Parents may find some 'minor' variations to accommodate City specific features/factors.
- The Topic Start Date mentioned here might vary for batches starting on different dates of the particular course. However the coverage of the content in any topic shall remain the same, it is done by altering the frequency of proposed/planned lectures in a particular week.
- The information given in this Course Planner is proposed for Academic Session 2018-19. The institute reserves the right to make changes in it in the interest of students.

**Holidays/ Vacations (Total: 11 Days): 1.** Independence Day: 15th August, 2019 : One Day **2.** Deepawali Holidays: From 24th October, 2019 (Thursday) to 02nd November, 2019 (Wednesday): 09 Days **3.** Republic Day: 26th January, 2020: One Day (Applicable only at Kota SC and at other SC's Deepawali vacation will be informed to students as per respective SC holiday calender)

*NITs: National Institutes of Technology | IIITs: Indian Institutes of Information Technology | CFTIs: Centrally Funded Technical Institutes | SFTIs: Self Financed Technical Institutes

## SUBJECT WISE SYLLABUS PLAN

- Topic Name
- Topic Sequence
- Topic Commencement
- No. of Lectures allotted to each Topic

### PHYSICS [P]

| S. No. | Topic Name/Sequence | No of Lectures | Starting Date |
|---|---|---|---|
| 1 | MATHEMATICAL TOOLS | 3 | 29-04-19 |
| 2 | GEOMETRICAL OPTICS | 18 | 02-05-19 |
| 3 | ELECTROSTATICS | 19 | 24-05-19 |
| 4 | GRAVITATION | 3 | 19-06-19 |
| 5 | CURRENT ELECTRICITY | 11 | 24-06-19 |
| 6 | CAPACITANCE | 7 | 06-07-19 |
| 7 | EMF | 11 | 15-07-19 |
| 8 | EMI | 9 | 27-07-19 |
| 9 | ALTERNATING CURRENT | 4 | 07-08-19 |
| 10 | MODERN PHYSICS–I | 7 | 12-08-19 |
| 11 | NUCLEAR PHYSICS | 4 | 21-08-19 |
| 12 | RECTILINEAR MOTION | 2 | 26-08-19 |
| 13 | PROJECTILE MOTION | 2 | 28-08-19 |
| 14 | RELATIVE MOTION | 2 | 30-08-19 |
| 15 | NLM & FRICTION | 6 | 02-09-19 |
| 16 | WORK, POWER & ENERGY | 4 | 09-09-19 |
| 17 | CIRCULAR MOTION | 4 | 13-09-19 |
| 18 | SIMPLE HARMONIC MOTION | 5 | 19-09-19 |
| 19 | STRING WAVE | 4 | 25-09-19 |
| 20 | SOUND WAVE | 4 | 30-09-19 |
| 21 | WAVE OPTICS | 4 | 10-10-19 |
| 22 | ELECTROMAGENETIC WAVES | 1 | 16-10-19 |
| 23 | SEMICONDUCTOR | 4 | 17-10-19 |
| 24 | COMMUNICATION SYSTEM | 2 | 22-10-19 |
| 25 | FLUID MECHANICS | 4 | 04-11-19 |
| 26 | ELASTICITY | 1 | 08-11-19 |
| 27 | VISCOSITY | 1 | 09-11-19 |
| 28 | SURFACE TENSION | 2 | 11-11-19 |
| 29 | CALORIMETRY & THERMAL EXPANSION | 2 | 13-11-19 |
| 30 | KTG & THERMODYNAMICS | 8 | 15-11-19 |
| 31 | HEAT TRANSFER | 6 | 26-11-19 |
| 32 | CENTRE OF MASS | 10 | 03-12-19 |
| 33 | RIGID BODY DYNAMICS | 8 | 16-12-19 |
| 34 | ERROR & MEASUREMENT | 1 | 25-12-19 |
| 35 | UNIT & DIMENSION | 1 | 26-12-19 |
| | **Total No. of Lectures** | **184** | |

### CHEMISTRY [C]

| S. No. | Topic Name/Sequence | No of Lectures | Starting Date |
|---|---|---|---|
| | **PHYSICAL** | | |
| 1 | MOLE CONCEPT & GASEOUS STATE | 6 | 29-04-19 |
| 2 | SOLID STATE | 6 | 09-05-19 |
| 3 | SOLUTION & COLLIGATIVE PROPERTIES | 8 | 21-05-19 |
| 4 | ATOMIC STRUCTURE, QUANTUM NUMBER | 3 | 05-06-19 |
| 5 | PERIODIC TABLE & PROPERTIES & BIN | 4 | 12-06-19 |
| 6 | CHEMICAL BONDING | 8 | 24-06-19 |
| 7 | COORDINATION COMPOUNDS | 9 | 10-07-19 |
| 8 | CHEMICAL KINETICS & RADIOACTIVITY | 7 | 31-07-19 |
| 9 | SURFACE CHEMISTRY | 2 | 19-08-19 |
| 10 | CHEMICAL EQUILIBRIUM | 4 | 21-08-19 |
| 11 | ELECTROCHEMISTRY | 10 | 02-09-19 |
| 12 | METALLURGY | 3 | 19-09-19 |
| 13 | IONIC EQUILIBRIUM | 6 | 25-09-19 |
| 14 | P-BLOCK ELEMENTS (N & O GASES) | 4 | 14-10-19 |
| 15 | P-BLOCK ELEMENTS (H & N GASES) | 2 | 21-10-19 |
| 16 | REAL GASES | 4 | 04-11-19 |
| 17 | THERMODYNAMICS & THERMOCHEMISTRY | 8 | 11-11-19 |
| 18 | EQUIVALENT CONCEPT | 3 | 26-11-19 |
| 19 | P-BLOCK ELEMENTS (B & C FAMILY) | 4 | 02-12-19 |
| 20 | QUALITATIVE ANALYSIS | 4 | 09-12-19 |
| 21 | S-BLOCK ELEMENTS | 2 | 17-12-19 |
| 22 | D & F-BLOCK ELEMENTS | 3 | 19-12-19 |
| | **ORGANIC / INORGANIC** | | |
| 1 | IUPAC NOMENCLATURE | 4 | 29-04-19 |
| 2 | STRUCTURAL ISOMERISM | 2 | 13-05-19 |
| 3 | STRUCTURAL IDENTIFICATION & POC | 3 | 20-05-19 |
| 4 | GOC-I | 7 | 28-05-19 |
| 5 | GOC-II | 7 | 24-06-19 |
| 6 | STEREOISOMERISM | 4 | 09-07-19 |
| 7 | ORM-I | 6 | 17-07-19 |
| 8 | ORM-II | 5 | 31-07-19 |
| 9 | REDUCTION, OXIDATION & HYDROLYSIS | 1 | 18-08-19 |
| 10 | ORM-III | 6 | 19-08-19 |
| 11 | ORM-IV | 5 | 02-09-19 |
| 12 | AROMATIC COMPOUND | 5 | 17-09-19 |
| 13 | CARBONYL COMPOPUNDS | 6 | 14-10-19 |
| 14 | CARBOXYLIC ACID & ACID DERIVATIVES | 2 | 12-11-19 |
| 15 | BIOMOLECULES & POLYMERS | 5 | 19-11-19 |
| 16 | ORGANIC REACTIONS INVOLVING STEREOCHEMISTRY | 2 | 09-12-19 |
| 17 | CHEMISTRY IN EVERYDAY LIFE | 1 | 16-12-19 |
| 18 | PHYSICAL PROPERTIES & POC-II | 3 | 17-12-19 |
| | **Total No. of Lectures** | **184** | |

### MATHEMATICS [M]

| S. No. | Topic Name/Sequence | No of Lectures | Starting Date |
|---|---|---|---|
| 1 | FUNDAMENTALS OF MATHEMATICS | 12 | 29-04-19 |
| 2 | QUADRATIC EQUATION | 5 | 14-05-19 |
| 3 | RELATION, FUNCTION & ITF | 14 | 20-05-19 |
| 4 | LIMITS, CONTINUITY & DERIVABILITY | 12 | 06-06-19 |
| 5 | METHOD OF DIFFERENTIATION | 3 | 24-06-19 |
| 6 | STRAIGHT LINE + SOT | 10 | 27-06-19 |
| 7 | CIRCLE | 6 | 09-07-19 |
| 8 | APPLICATION OF DERIVATIVES | 13 | 16-07-19 |
| 9 | INDEFINITE INTEGRATION | 7 | 31-07-19 |
| 10 | DEFINITE INTEGRATION & ITS APPLICATION | 13 | 08-08-19 |
| 11 | SEQUENCE & SERIES | 5 | 24-08-19 |
| 12 | STATISTICS | 2 | 30-08-19 |
| 13 | DIFFERENTIAL EQUATION | 6 | 02-09-19 |
| 14 | MATRICES & DETERMINANT | 11 | 09-09-19 |
| 15 | VECTOR & 3-D | 15 | 23-09-19 |
| 16 | MATHEMATICAL REASONING | 3 | 17-10-19 |
| 17 | LINEAR PROGRAMMING | 2 | 21-10-19 |
| 18 | BINARY OPERATION | 1 | 23-10-19 |
| 19 | BINOMIAL THEOREM | 5 | 4 NOV. 19 |
| 20 | PERMUTATION & COMBINATION | 8 | 09-11-19 |
| 21 | PROBABILITY | 7 | 20-11-19 |
| 22 | COMPLEX NUMBER | 9 | 28-11-19 |
| 23 | CONIC SECTION | 15 | 09-12-19 |
| | **Total No. of Lectures** | **184** | |

## WEEKLY LECTURE PLANNER (Per Subject)

| Week No. | Week Duration | | No. of Lecture | | | | Total No. of Lectures |
|---|---|---|---|---|---|---|---|
| | From | To | P | C P/I | C O | M | |
| W1 | 29/04 | 04/05 | 3 | 3 | 2 | 5 | 13 |
| W2 | 06/05 | 11/05 | 4 | 4 | 2 | 6 | 16 |
| W3 | 13/05 | 18/05 | 4 | 4 | 2 | 6 | 16 |
| W4 | 20/05 | 25/05 | 4 | 4 | 2 | 6 | 16 |
| W5 | 27/05 | 01/06 | 3 | 3 | 2 | 5 | 13 |
| W6 | 03/06 | 08/06 | 3 | 3 | 2 | 5 | 13 |
| W7 | 10/06 | 15/06 | 3 | 3 | 2 | 5 | 13 |
| W8 | 17/06 | 22/06 | 3 | 3 | 2 | 5 | 13 |
| W9 | 24/06 | 29/06 | 6 | 3 | 3 | 6 | 18 |
| W10 | 01/07 | 06/07 | 6 | 3 | 3 | 6 | 18 |
| W11 | 08/07 | 13/07 | 6 | 3 | 3 | 6 | 18 |
| W12 | 15/07 | 20/07 | 6 | 3 | 3 | 6 | 18 |

| Week No. | Week Duration | | No. of Lecture | | | | Total No. of Lectures |
|---|---|---|---|---|---|---|---|
| | From | To | P | C P/I | C O | M | |
| W13 | 22/07 | 27/07 | 6 | 3 | 3 | 6 | 18 |
| W14 | 29/07 | 03/08 | 6 | 3 | 3 | 6 | 18 |
| W15 | 05/08 | 10/08 | 6 | 3 | 3 | 6 | 18 |
| W16 | 12/08 | 17/08 | 5 | 3 | 2 | 5 | 15 |
| W17 | 19/08 | 24/08 | 6 | 3 | 3 | 6 | 18 |
| W18 | 26/08 | 31/08 | 6 | 3 | 3 | 6 | 18 |
| W19 | 02/09 | 07/09 | 6 | 4 | 2 | 6 | 18 |
| W20 | 09/09 | 14/09 | 5 | 3 | 2 | 5 | 15 |
| W21 | 16/09 | 21/09 | 6 | 4 | 2 | 6 | 18 |
| W22 | 23/09 | 28/09 | 6 | 4 | 2 | 6 | 18 |
| W23 | 30/09 | 05/10 | 1 | 1 | 0 | 1 | 3 |
| W24 | 07/10 | 12/10 | 5 | 3 | 2 | 5 | 15 |

| Week No. | Week Duration | | No. of Lecture | | | | Total No. of Lectures |
|---|---|---|---|---|---|---|---|
| | From | To | P | C P/I | C O | M | |
| W25 | 14/10 | 19/10 | 6 | 4 | 2 | 6 | 18 |
| W26 | 21/10 | 26/10 | 3 | 2 | 1 | 3 | 9 |
| W27 | 28/10 | 02/11 | 0 | 0 | 0 | 0 | 0 |
| W28 | 04/11 | 09/11 | 6 | 4 | 2 | 6 | 18 |
| W29 | 11/11 | 16/11 | 5 | 3 | 2 | 5 | 15 |
| W30 | 18/11 | 23/11 | 6 | 4 | 2 | 6 | 18 |
| W31 | 25/11 | 30/11 | 6 | 4 | 2 | 6 | 18 |
| W32 | 02/12 | 07/12 | 6 | 4 | 2 | 6 | 18 |
| W33 | 09/12 | 14/12 | 5 | 3 | 2 | 5 | 15 |
| W34 | 16/12 | 21/12 | 6 | 4 | 2 | 6 | 18 |
| W35 | 23/12 | 28/12 | 4 | 2 | 2 | 4 | 12 |

# PERIODIC TEST SCHEDULE & RESULT COMMUNICATION

| S. No. | Periodic Test Type and No. | Test Pattern | Periodic Test Date | First Display (Notice Board) & Communication to parent with Centre Rank | Display & Communication of Final Result with All Resonance Rank (ARR) | Uploading of Result on Resonance Website | Periodic Test Syllabus | | | | Testing Hours |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Chemistry | | Mathematics | |
| | | | | | | | | Physical/ Inorganic | Organic | | |
| 1 | MPT-1 | JEE (MAIN) | 26-05-19 (SUNDAY) | WITHIN 4 (FOUR) DAYS OF TEST CONDUCTION | WITHIN 1 WEEK OF TEST CONDUCTION | WITHIN 2 WEEKS OF TEST CONDUCTION | Mathematical Tools, Geometrical Optics (Up to Refraction at plane surface) | Mole Concept & Gaseous state,Solid State (upto Closed packing: Hcp structure, Ccp structure) | IUPAC (Upto Nomenclature of functional group having compounds (Chain terminating functional groups) | Fundamentals of Mathematics | 3 |
| 2 | MCT-1+ BPT-1 | JEE (MAIN) | 16-06-19 (SUNDAY) | | | | Mathematical Tools, Geometrical Optics, Electrostatics (Up to Electric Field) | Mole Concept & Gaseous state & Solid State & Solution & Colligative Properties | MCT-1 & BPT-1: IUPAC Nomenclature, Structural Isomerism, Structural Identification & POC, GOC-I (Mesomeric effect) | FOM, Set, Quadratic Equation, Relation, Function & ITF Board Syllabus : Relation, Function & ITF | 6 |
| 3 | MPT-2 | JEE (MAIN) | 07-07-19 (SUNDAY) | | | | Geometrical Optics, Electrostatics, Gravitation, Current Electricity (Upto KCL & KVL) | Periodic Table, Properties & Chemical Bonding (up to VSEPR and Hybridisation) | GOC-II (Up to stability of carbocations) | Quadratic Equation, Function & ITF, Limits, Continuity & Derivability, MOD | 3 |
| 4 | MCT-2+ BPT-1 | JEE (MAIN) | 21-07-19 (SUNDAY) | | | | Mathematical Tools, Geometrical Optics, Electrostatics, Gravitation, Current electricity, Capacitance. | Mole Concept & Gaseous State, Solid State, Solution & Colligative Properties, Atomic Structure, Quantum Number, Pertiodic Table, BIN, Chemical Bonding | MCT-2 & BPT-2: GOC-I, GOC-II, Mains Stereoisomerism (Complete) | FOM, Set, Quadratic Equation, Relation, Function & ITF, Limits, Continuity & Derivability, MOD, Straight Line + SOT, Circle Board Syllabus : Relation, Function & ITF, Limits, Continuity & Derivability, MOD | 6 |
| 5 | MPT-3 | JEE (MAIN) | 11-08-19 (SUNDAY) | | | | Current electricity, Capacitance, EMF, EMI | Chemical Bonding, Coordination Compounds. | ORM-I (up to grignard reagent) | Straight Line + SOT, Circle, AOD | 3 |
| 6 | MCT-3 | JEE (MAIN) | 15-09-19 (SUNDAY) | | | | Mathematical Tools , Geometrical optics, Electrostatics, Gravitation, Current Electricity, Capacitance, EMF, EMI, Alternating Current, Modern Physics-I, Nuclear Physics, Rectilinear Motion | Solid State, Solution & Colligative Properties, Atomic Structure, Quantum Number, Pertiodic Table, BIN, Chemical Bonding, Coordination Compounds. & Chemical Kinetics & Radioactivity, Surface Chemistry, Chemical Equilibrium | ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis & ORM-III | FOM, Set, Quadratic Equation, Relation, Function & ITF, Limits, Continuity & Derivability, MOD, Straight Line + SOT, Circle, AOD, Indefinite Integration, Definiate Integration, Statistics, Sequence and Series | 3 |
| 7 | MPT-4 | JEE (MAIN) | 13-10-19 (SUNDAY) | | | | Capacitance, EMF, EMI, Alternating Current, Modern Physics-I, Nuclear Physics, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, Work Power & Energy, Circular Motion | Electrochemistry, Metallurgy & Ionic Equilibrium (upto pH calculations) | GOC-I, GOC-II, Stereoisomerism, ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III & ORM-IV | Indefinite Integration, Definite Integration & Its Application, Differential Equation | 3 |
| 8 | MCT-4+ BPT-3 | JEE (MAIN) | 17-11-19 (SUNDAY) | | | | Mathematical Tools , Geometrical optics, Electrostatics, Gravitation, Current Electricity, Capacitance, EMF, EMI, AC, Modern Physics, Nuclear Physics, Wave Optics, Semiconductor, POC, Electromagnetic Waves, Rectilinear Motion, Projectile Motion, Relative Motion, NLM, Friction, WPE, Circular Motion, Centre of mass, RBD. | Solid State, Solution & Colligative Properties,Chemical Bonding, Coordination Compounds. & Chemical Kinetics & Radioactivity, Surface Chemistry, Chemical Equilibrium, Electrochemistry, Metallurgy & Ionic Equilibrium, p-Block (Nitrogen to Inert Gas) | ORM-I, ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III, IV, Aromatic compounds, Carbonyl Compopunds (upto aldol) | FOM, Set, Quadratic Equation, Relation, Function & ITF, Limits, Continuity & Derivability, MOD, Straight Line + SOT, Circle, AOD, Indefinite Integration, Definite Integration & Its Application, Sequence & Series, Statistics, Differential Equation, Matrices & Determinant, Vecor & 3-D, Mathematical Resoning, Binomial Theorem Board Syllabus : Relation, Function & ITF, Continuity & Derivability, MOD, AOD, Indefinite Integration, Definite Integration & Its Application, Differential Equation, Matrices & Determinant. Vecor & 3-D | 6 |
| 9 | MPT-5 | JEE (MAIN) | 15-12-19 (SUNDAY) | | | | Simple Harmonic Motion, String Waves, Sound Waves, Wave Optics, EMW, Solid Semi Conductor, POC, Fluid Mechanics, Elasticity & Viscosity, Surface Tension | Real Gases, Thermodynamics & Thermochemistry, Equivalent Concept & p-block Elements (B & C Family) | ORM-II, Reduction, Oxidation & Hydrolysis, ORM-III & IV, Aromatic compounds, Carbonyl Compopunds, Carboxylic Acid, Acid Derivatives & Biomolecules | Matrices & Determinant, Vector & 3-D, Binomial Theorem, P & C, Probability, Complex Number | 3 |
| 10 | MMT1 | JEE (MAIN) | 28-12-19 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 3 |
| 11 | AIOT-1 | JEE (MAIN) | 29-12-19 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 3 |
| 12 | MBPT | JEE (MAIN) | 30-12-19 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 3 |
| 13 | PBPT & CBPT | JEE (MAIN) | 01-01-20 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 6 |
| 14 | MMT1 | JEE (MAIN) | 02-01-20 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 3 |
| 15 | AIOT-2 | JEE (MAIN) | 16-02-20 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 3 |
| 16 | JPT-1 (MAIN) | – | 15-03-20 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 3 |
| 17 | JPT-2 (MAIN) | – | 22-03-20 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 3 |
| 18 | JPT-2 (MAIN) | – | 29-03-20 (SUNDAY) | | | | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | FULL SYLLABUS | 3 |
| | | | | | | | | | | **Total Testing Hours** | **66** |

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.

## RESONANCE BOARD WORKSHEET (RBW) SCHEDULE

### PHYSICS

| Week No. | RBW Dist. Date | RBW No. |
|---|---|---|
| W-03 | 13-05-2019 | 1 |
| W-12 | 08-07-2019 | 2 |
| W-21 | 09-09-2019 | 3 |
| W-32 | 25-11-2019 | 4 |
| TOTAL RBWs | | 4 |

### CHEMISTRY

| Week No. | RBW Dist. Date | RBW No. |
|---|---|---|
| W-03 | 13-05-2019 | 1 |
| W-10 | 01-07-2019 | 2 |
| W-14 | 29-07-2019 | 3 |
| TOTAL RBWs | | 3 |

### MATHEMATICS

| Week No. | RBW Dist. Date | RBW No. |
|---|---|---|
| W-04 | 20-05-2019 | 1 |
| W-15 | 05-08-2019 | 2 |
| W-26 | 14-10-2019 | 3 |
| TOTAL RBWs | | 3 |

## Discussion Schedule of Daily Practice Problems (DPPs):

| S. No. | Week No. | DPP No. | | | | No. of DPPs | S. No. | Week No. | DPP No. | | | | No. of DPPs | S. No. | Week No. | DPP No. | | | | No. of DPPs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | C | | M | | | | P | C | | M | | | | P | C | | M | |
| | | | P/I | O | | | | | | P/I | O | | | | | | P/I | O | | |
| 1 | W1 | A1 | A1, A2 | A1 | A1 | 5 | 13 | W13 | 17 | 16 | 14 | 17 | 4 | 25 | W25 | 10 | 6 | 6 | 10 | 4 |
| 2 | W2 | 2 | 3, 4 | 2 | 2 | 5 | 14 | W14 | 18, 19 | 17 | 15 | 18, 19 | 6 | 26 | W26 | 11 | 0 | 0 | 11 | 2 |
| 3 | W3 | 3 | 5, 6 | 3 | 3 | 5 | 15 | W15 | 20, 21 | 18 | 16 | 20, 21 | 6 | 27 | W27 | 0 | 0 | 0 | 0 | 0 |
| 4 | W4 | 4 | 7 | 4 | 4 | 4 | 16 | W16 | 22 | 19 | 17 | 22 | 4 | 28 | W28 | 12, 13 | 7, 8 | 7 | 12, 13 | 7 |
| 5 | W5 | 5 | 8 | 5 | 5 | 4 | 17 | W17 | 23, 24 | 20 | 18 | 23, 24 | 6 | 29 | W29 | 14, 15 | 9 | 8 | 14, 15 | 6 |
| 6 | W6 | 6 | 9 | 6 | 6 | 4 | 18 | W18 | 25, 26 | 21, 22 | 19 | 25, 26 | 7 | 30 | W30 | 16 | 10 | 9 | 16 | 4 |
| 7 | W7 | 7 | 10 | 7 | 7 | 4 | 19 | W19 | B1, B2 | B1 | B1 | B1, B2 | 6 | 31 | W31 | 17,18 | 11, 12 | 10 | 17,18 | 7 |
| 8 | W8 | 8, 9 | 11 | 8, 9 | 8, 9 | 7 | 20 | W20 | 3, 4 | 2 | 2 | 3, 4 | 6 | 32 | W32 | 19, 20 | 13 | 11 | 19, 20 | 6 |
| 9 | W9 | 10, 11 | 12 | 10 | 10, 11 | 6 | 21 | W21 | 5 | 3 | 3 | 5 | 4 | 33 | W33 | 21, 22 | 14 | 12 | 21, 22 | 6 |
| 10 | W10 | 12, 13 | 13 | 11 | 12, 13 | 6 | 22 | W22 | 6, 7 | 4 | 4 | 6, 7 | 6 | 34 | W34 | 23 | 15, 16 | 13 | 23 | 5 |
| 11 | W11 | 14 | 14 | 12 | 14 | 4 | 23 | W23 | 0 | 0 | 0 | 0 | 0 | 35 | W35 | 0 | 17, 18 | 14 | 0 | 3 |
| 12 | W12 | 15, 16 | 15 | 13 | 15, 16 | 6 | 24 | W24 | 8, 9 | 5 | 5 | 8, 9 | 6 | Total Number of DPPs | | | | | | 171 |

P: Physics | C (P): Chemistry (Physical) | C (I/O): Chemistry (Inorganic/Organic) | M: Mathematics


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