

**Regd. Office: Aakash Tower, 8, Pusa Road, New Delhi-110005**

## COMPREHENSIVE STUDY PACKAGE JEE M&A - 2022 for Class 11th Studying

### STUDY MATERIAL DISPATCH SCHEDULE

| Date       | Day      | Dispatch | Details                              |
|------------|----------|----------|--------------------------------------|
| 17-05-2020 | Sunday   | 1        | Target-1 & 2 PCM (Class XI Syllabus) |
| 17-08-2020 | Monday   | 2        | Target-3 & 4 PCM (Class XI Syllabus) |
| 17-09-2020 | Thursday | 3        | Target-5 & 6 PCM (Class XI Syllabus) |

### SUBJECTIVE TEST (HOME ASSIGNMENT) SCHEDULE

| Test Date  | Day      | Test No. | Details   |
|------------|----------|----------|---|
| 01-08-2020 | Saturday | 1        | Half Yearly Test & Answers & Solutions  |
| 09-01-2021 | Saturday | 2        | Practice Test Paper-1 (Class XI) & Answers & Solutions of Practice Test Paper-1 |

### ONLINE TEST SCHEDULE

| Test Date  | Day      | Test No.                | Details  |
|------------|----------|-------------------------|--|
| 13-06-2020 | Saturday | <b>UT -1<br/>(Main)</b> | <b>Physics</b> - Physical World, Units & Measurements, Motion in a Straight Line, Motion in a Plane.<br><b>Chemistry</b> - Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties<br><b>Maths</b> - Basics of Mathematics, Relations and Functions, Trigonometric Functions-I: (Trigonometric Ratios and Identities, Transformation Formulae, Trigonometric Equations(Level-I)) |
| 27-06-2020 | Saturday | <b>UT -2<br/>(Main)</b> | <b>Physics</b> - Laws of Motion, Work, Energy and Power<br><b>Chemistry</b> - Chemical Bonding and Molecular Structure, States of Matter<br><b>Maths</b> -Principle of Mathematical Induction, Quadratic Equations, Complex Numbers-I : (Algebra of Complex Numbers, Modulus & conjugate of a Complex Number, Polar form), Linear Inequalities   |
| 18-07-2020 | Saturday | <b>PT-1 (Adv)</b>       | Advanced Pattern Test on Topics covered in Unit Test -1 & Unit Test -2   |
| 05-09-2020 | Saturday | <b>UT -3<br/>(Main)</b> | <b>Physics</b> - System of Particles and Rotational Motion, Gravitation<br><b>Chemistry</b> - Thermodynamics, Equilibrium, Redox Reactions<br><b>Maths</b> - Sequences and Series, Binomial Theorem, Permutations and Combinations   |
| 19-09-2020 | Saturday | <b>UT -4<br/>(Main)</b> | <b>Physics</b> - Mechanical Properties of Solids, Mechanical Properties of Fluids<br><b>Chemistry</b> - Hydrogen, The s-Block Elements, The p-Block Elements<br><b>Maths</b> - Straight Lines (Including Pair of Straight Lines), Conic Sections-I (Circle), Conic Sections-II (Parabola, Ellipse & Hyperbola)   |
| 10-10-2020 | Saturday | <b>PT-2 (Adv)</b>       | Advanced Pattern Test on Topics covered in Unit Test -3 & Unit Test -4   |
| 24-10-2020 | Saturday | <b>UT -5<br/>(Main)</b> | <b>Physics</b> - Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases<br><b>Chemistry</b> - Organic Chemistry - Some Basic Principles and Techniques<br><b>Maths</b> - Complex Numbers-II(Including Geometrical Applications), Introduction to Three Dimensional Geometry, Limits and Derivatives, Mathematical Reasoning   |
| 21-11-2020 | Saturday | <b>UT -6<br/>(Main)</b> | <b>Physics</b> - Oscillations, Waves<br><b>Chemistry</b> - Hydrocarbons, Environmental Chemistry<br><b>Maths</b> - Statistics, Probability, Trigonometric Functions -II: (Trigonometric Ratios & Identities, Transformation Formulae, Trigonometric Equations (Level-II))  |
| 05-12-2020 | Saturday | <b>PT-3 (Adv)</b>       | Advanced Pattern Test on Topics covered in Unit Test -5 & Unit Test -6   |
| 26-12-2020 | Saturday | <b>FST-1</b>            | Complete Syllabus Test - Based on JEE (Main) Pattern (Class XI)  |
| 20-02-2021 | Saturday | <b>FST-2</b>            | Complete Syllabus Test - Based on JEE (Advanced) Pattern (Class XI)  |

**The Schedule for 2nd Year (Class XII) shall be Dispatched in April, 2021**

**Topicwise Test Schedule for Class 11 Studying Students**

**AIATS for JEE (Main & Advanced) 2022**

**(Offline/ \*Online-CBT/ #Center-CBT)**

| Test No.               | Test Date  | Date of Display of Answer key and uploading of video Solutions | Result Date | Pattern of Test            | Subject | Topics of the Test   |
|------------------------|------------|--|-------------|----------------------------|---------|--|
| Practice Test (Online) | 27-09-2020 | 28-09-2020   | 30-09-2020  | JEE (Main)                 | Phy     | Units and Measurement, Motion in a Straight Line   |
|                        |            |  |             |                            | Chem    | Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties  |
|                        |            |  |             |                            | Maths   | Basics of Mathematics** (Sets, Wavy Curve Method and Inequalities ), Relations** and Functions (XI Syllabus)(Including Transformation of Graphs)   |
| 1                      | 04-10-2020 | 05-10-2020   | 18-10-2020  | JEE (Main)                 | Phy     | Units and Measurement, Motion in a Straight Line   |
|                        |            |  |             |                            | Chem    | Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties  |
|                        |            |  |             |                            | Maths   | Basics of Mathematics (Sets, Wavy Curve Method and Inequalities), Relations** and Functions (XI Syllabus) (Including Transformation of Graphs)   |
| 2                      | 08-11-2020 | 09-11-2020   | 22-11-2020  | JEE (Main)                 | Phy     | Motion in a Plane, Laws of Motion  |
|                        |            |  |             |                            | Chem    | Chemical Bonding and Molecular Structure, States of Matter : Gases & Liquids   |
|                        |            |  |             |                            | Maths   | Trigonometric Functions-I: Trigonometric Ratios and Identities, Transformation Formulae, Trigonometric Equations(Level-I), Principle of Mathematical Induction**, Quadratic Equations, Complex Numbers-I : Algebra of Complex Numbers, Modulus & conjugate of a Complex Number, Polar form, Linear Inequalities, |
| 1A                     | 22-11-2020 | 23-11-2020   | 06-12-2020  | JEE (Advanced) Paper-1 & 2 | PCM     | <b>Combined Syllabus of Test -1 &amp; Test - 2</b>   |
| 3                      | 13-12-2020 | 14-12-2020   | 27-12-2020  | JEE (Main)                 | Phy     | Work, Energy and Power, System of Particles and Rotational Motion  |
|                        |            |  |             |                            | Chem    | Thermodynamics, Equilibrium  |
|                        |            |  |             |                            | Maths   | Sequence and Series(including Exponential & Logarithmic Series**), Binomial Theorem, Permutations and Combinations   |
| 4                      | 03-01-2021 | 04-01-2021   | 17-01-2021  | JEE (Main)                 | Phy     | Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluid   |
|                        |            |  |             |                            | Chem    | Redox Reactions (including Volumetric Analysis), Hydrogen, s-Block Elements, Some p-Block Elements (B, C)  |
|                        |            |  |             |                            | Maths   | Straight Lines(including Pair of Straight Lines**), Conic Section-I (Circle), Conic Section-II (Parabola, Ellipse & Hyperbola)   |
| 2A                     | 10-01-2021 | 11-01-2021   | 24-01-2021  | JEE (Advanced) Paper-1 & 2 | PCM     | <b>Combined Syllabus of Test -3 &amp; Test - 4</b>   |

**Topicwise Test Schedule for Class 11 Studying Students**

**AIATS for JEE (Main & Advanced) 2022**

**(Offline/ \*Online-CBT/ #Center-CBT)**

| Test No.            | Test Date  | Date of Display of Answer key and uploading of video Solutions | Result Date | Pattern of Test            | Subject | Topics of the Test  |
|---------------------|------------|--|-------------|----------------------------|---------|---|
| 5                   | 31-01-2021 | 01-02-2021   | 14-02-2021  | JEE (Main)                 | Phy     | Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases   |
|                     |            |  |             |                            | Chem    | Organic Chemistry- Some Basic Principles and Techniques (including Isomerism)   |
|                     |            |  |             |                            | Maths   | Complex Numbers-II(Including Geometrical Applications), Introduction to 3 Dimensional Geometry, Limits & Derivatives (Class XI), Mathematical Reasoning**   |
| 6                   | 14-02-2021 | 15-02-2021   | 28-02-2021  | JEE (Main)                 | Phy     | Oscillations, Waves   |
|                     |            |  |             |                            | Chem    | Hydrocarbons (including Electrophilic Aromatic substitutions), Environmental Chemistry**  |
|                     |            |  |             |                            | Maths   | Statistics**, Probability, Trigonometric Functions-II : Trigonometric Ratios & Identities, Transformation Formulae, Trigonometric Equations (Level-II), Height & Distance** and Properties of Triangles |
| 3A                  | 21-02-2021 | 22-02-2021   | 07-03-2021  | JEE (Advanced) Paper-1 & 2 | PCM     | Combined Syllabus of Test -5 & Test - 6   |
| 7<br>*(Online-CBT)  | 28-02-2021 | 01-03-2021   | 04-03-2021  | JEE (Main)                 | PCM     | Complete Syllabus of Class XI for JEE (Main)  |
| 4A<br>#(Center-CBT) | 04-04-2021 | 05-04-2021   | 08-04-2021  | JEE (Advanced) Paper-1 & 2 | PCM     | Complete Syllabus of Class XI for JEE (Advanced)  |

1. Chapters marked\*\* are not in JEE (Advanced) syllabus but are included in JEE (Main) syllabus.

2. Offline Timing: JEE Main: 10:00 AM to 01:00 PM

JEE(Advanced) Paper-1 (10:00 AM - 01:00 PM) & Paper -2 (2:00 PM – 5:00 PM)

\*Online-CBT Mode: JEE Main: 10:30 AM to 02:00 PM

JEE(Advanced) Paper-1 (10:30 AM - 02:00 PM) & Paper -2 (3:00 PM – 6:30 PM)

\*Online-CBT mode exam shall be given by the students being at home in the pre-defined window of online test.

#Center-CBT mode exam has to be conducted in certain fixed computer labs available in the city.