

Schedule & Syllabus of ONLINE TEST SERIES [Academic Session : 2019-2020]

Nurture Online Test Series : Target JEE (Main + Advanced) 2021

| TEST NAME | TEST DATE | PHYSICS | CHEMISTRY | MATHS | TEST PATTERN |
|-----------------------|----------------------------|---|--|---|--|
| Unit Test - 1 | 07/07/2019 (Sunday) | Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement | Mole Concept | **Logarithms, Trigonometric Ratios and Identities. | JEE (Main) |
| Unit Test - 2 | 21/07/2019 (Sunday) | Kinematics | Atomic structure | Quadratic Equations & *Linear Inequilities | JEE (Main) |
| Unit Test - 3 | 04/08/2019 (Sunday) | Laws of Motion and Friction | Periodic properties, Basic inorganic nomenclature. | Trigonometric Equations, **Solution of Triangles, *Height and Distance | JEE (Main) |
| Quarter Test 1 | 18/08/2019 (Sunday) | Syllabus of Unit Test 1, 2 & 3 | Syllabus of Unit Test 1, 2 & 3 | Syllabus of Unit Test 1, 2 & 3 | JEE (Main) [1 Paper] JEE (Adv.) [1 Paper] |
| Unit Test - 4 | 01/09/2019 (Sunday) | Work, Energy & Power | Chemical Bonding | Point and Straight Line | JEE (Main) |
| Unit Test - 5 | 15/09/2019 (Sunday) | Centre of Mass & Collisions | Redox & equivalent concept, Chemical Equilibrium. | Circle | JEE (Main) |
| Unit Test - 6 | 29/09/2019 (Sunday) | Rotational Motion | Organic nomenclature, Basic principles of practical organic chemistry, State of matter (gaseous state) | Sequences and Series | JEE (Main) |
| Quarter Test 2 | 06/10/2019 (Sunday) | Syllabus of Unit Test 4, 5 & 6 | Syllabus of Unit Test 4, 5 & 6 | Syllabus of Unit Test 4, 5 & 6 | JEE (Main) [1 Paper] JEE (Adv.) [1 Paper] |
| Unit Test - 7 | 20/10/2019 (Sunday) | Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics) | Ionic Equilibrium, Acid Base theory, s-block elements & hydrogen, Boron & Carbon family. | Permutation & Combination and Binomial Theorem | JEE (Main) |
| Unit Test - 8 | 03/11/2019 (Sunday) | Gravitation, Properties of matter and Fluid Mechanics | GOC (application of electronic effect, aromaticity, application of Inductive, Resonance, Hyperconjugation effect on stability of intermediates). | Complex Numbers, *Principle of Mathematical Induction | JEE (Main) |
| Unit Test - 9 | 17/11/2019 (Sunday) | Simple Harmonic Motion | GOC (acidic & basic strength), isomerism (Geometrical & Structural). | Parabola, Ellipse & Hyperbola | JEE (Main) |
| Unit Test - 10 | 01/12/2019 (Sunday) | Waves(String & Sound waves) | Alkane, Alkenes & Alkynes, Chemical thermodynamics & Thermochemistry, Aromatic hydrocarbon, environmental chemistry | Functions, [Limits and Derivatives and Three Dimensional Geometry, Probability (All Elementary Level)], *[Sets, Relation, Statistics, Mathematical Reasoning] | JEE (Main) |
| Quarter Test 3 | 15/12/2019 (Sunday) | Syllabus of Unit Test 7, 8, 9 & 10 | Syllabus of Unit Test 7, 8, 9 & 10 | Syllabus of Unit Test 7, 8, 9 & 10 | JEE (Main) [1 Paper] JEE (Adv.) [1 Paper] |

| TEST NAME | TEST DATE | PHYSICS | CHEMISTRY | MATHS | TEST PATTERN |
|--------------|---------------------|---------------|---------------|---------------|---|
| Major Test 1 | 29/12/2019 (Sunday) | Full Syllabus | Full Syllabus | Full Syllabus | AIOOT - JEE (Main) 09:00 AM to 12:00 NOON |
| Major Test 2 | 16/02/2020 (Sunday) | Full Syllabus | Full Syllabus | Full Syllabus | AIOOT - JEE (Adv.) (2 Papers) 9:00 AM to 12:00 NOON (Paper-1) 02:00 PM to 05:00 PM (Paper-2) |
| Major Test 3 | 22/03/2020 (Sunday) | Full Syllabus | Full Syllabus | Full Syllabus | JEE (Adv.) [2 Papers] |
| Major Test 4 | 19/04/2020 (Sunday) | Full Syllabus | Full Syllabus | Full Syllabus | JEE (Adv.) [2 Papers] |

NOTE : JEE (Main + Advanced) : One Paper of 3 Hours. Patten Similar to JEE (Main + Advanced).

*Only in JEE(Main) Syllabus, **Only in JEE(Main + Advanced) Syllabus .

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