

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

### Leader Online Test Series : Target JEE (Main + Advanced) 2020

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, Electrostatics	Mole Concept, Atomic structure, Organic nomenclature, Basic principles of practical organic chemistry.	**Logarithms, Trigonometric Ratios and Identities, Matrices & Determinants	JEE (Main)
Unit Test - 2	21/07/2019 (Sunday)	Kinematics, Current electricity	Periodic properties, Basic inorganic nomenclature, Chemical thermodynamics & Thermochemistry	Quadratic Equations & *Linear Inequalities, Functions and Inverse Trigonometric Function	JEE (Main)
Unit Test - 3	04/08/2019 (Sunday)	Laws of Motion and Friction, Capacitors	GOC(complete)	Trigonometric Equations, **Solution of Triangles, *Height and Distance, Differential Calculus (Limit, Continuity, Differentiability, Differentiation)	JEE (Main)
<b>Quarter Test 1</b>	<b>18/08/2019 (Sunday)</b>	<b>Syllabus of Unit Test 1, 2 &amp; 3</b>	<b>Syllabus of Unit Test 1, 2 &amp; 3</b>	<b>Syllabus of Unit Test 1, 2 &amp; 3</b>	<b>JEE (Main) [1 Paper] JEE (Adv.) [1 Paper]</b>
Unit Test - 4	01/09/2019 (Sunday)	Work, Energy & Power, Magnetic effect of current, *Magnetism and Matter	Chemical Bonding, Solid state, Chemical kinetics	Point and Straight Line, Indefinite integration	JEE (Main)
Unit Test - 5	15/09/2019 (Sunday)	Centre of Mass & Collisions, Electromagnetic Induction (EMI)	Isomerism, Chemical Equilibrium, State of matter (gaseous state), Redox & equivalent concept	Circle, Definite integration	JEE (Main)
Unit Test - 6	29/09/2019 (Sunday)	Rotational Motion, Alternating current (AC)	Ionic Equilibrium, Acid Base theory, Nuclear chemistry, Reaction intermediate.	Sequences and Series, Application of Derivatives (Maxima & Minima, Monotonicity, Tangent & Normal)	JEE (Main)
<b>Quarter Test 2</b>	<b>06/10/2019 (Sunday)</b>	<b>Syllabus of Unit Test 4, 5 &amp; 6</b>	<b>Syllabus of Unit Test 4, 5 &amp; 6</b>	<b>Syllabus of Unit Test 4, 5 &amp; 6</b>	<b>JEE (Main) [1 Paper] JEE (Adv.) [1 Paper]</b>
Unit Test - 7	20/10/2019 (Sunday)	Thermal Physics (Thermal Expansion, Calorimetry, Heat Transfer, KTG & Thermodynamics), Ray optics and optical Instruments	Co-ordination compound, s-block elements & hydrogen, Boron & Carbon family	Permutation & Combination and Binomial Theorem, Vectors	JEE (Main)
Unit Test - 8	03/11/2019 (Sunday)	Properties of matter and Fluid Mechanics, Gravitation, Wave optics (Nature of Light, Interference, *Diffraction & *Polarisation), *Electromagnetic Waves	Haloalkane, Aryl Halide (Substitution & Elimination), Electrochemistry & Solution, Ores & Metallurgy.	Complex Numbers, *Principle of Mathematical Induction, Three Dimensional geometry,	JEE (Main)
Unit Test - 9	17/11/2019 (Sunday)	Simple Harmonic Motion, Modern Physics	Alkane, Alkenes & Alkynes, Aromatic hydrocarbon, Organic compounds containing oxygen & nitrogen, Qualitative analysis.	Parabola, Ellipse & Hyperbola, Area under the curve and Differential Equations	JEE (Main)
Unit Test - 10	01/12/2019 (Sunday)	Waves (String & Sound waves), Practical Physics, *Electronics and Communication systems	Biomolecules (Carbohydrates, Amino Acid, Proteins), Polymer, Practical organic chemistry (Identification of elements & functional groups), Chemistry in everyday life, Environmental chemistry, Surface chemistry, d&f block element, p-block (nitrogen, oxygen, fluorine & noble gas) family.	*[Sets, Relation, Statistics, Mathematical Reasoning], Probability	JEE (Main)
<b>Quarter Test 3</b>	<b>15/12/2019 (Sunday)</b>	<b>Syllabus of Unit Test 7, 8, 9 &amp; 10</b>	<b>Syllabus of Unit Test 7, 8, 9 &amp; 10</b>	<b>Syllabus of Unit Test 7, 8, 9 &amp; 10</b>	<b>JEE (Main) [1 Paper] JEE (Adv.) [1 Paper]</b>

TEST NAME	TEST DATE	PHYSICS	CHEMISTRY	MATHS	TEST PATTERN
Major Test 1	22/12/2019 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Main)
Major Test 2	29/12/2019 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	AIOOT - JEE (Main) 09:00 AM to 12:00 NOON
Major Test 3	02/02/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	AIOOT - JEE (Main) 09:00 AM to 12:00 NOON
Major Test 4	09/02/2020 (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 5	16/02/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Main)
Major Test 6	01/03/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Main)
Major Test 7	08/03/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Main) [1 Paper] JEE (Adv.) [1 Paper]
Major Test 8	15/03/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Main)
Major Test 9	22/03/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	AIOOT - JEE (Main) 09:00 AM to 12:00 NOON
Major Test 10	29/03/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	AIOOT - JEE (Main) 09:00 AM to 12:00 NOON
Major Test 11	19/04/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Adv.) [2 Papers]
Major Test 12	26/04/2020 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Adv.) [2 Papers]
Major Test 13	03/05/2020 (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 14	10/05/2020 (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)

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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