ALLEN CAREER INSTITUTE KOTA (RAJASTHAN)

Syllabus of NURTURE ONLINE TEST SERIES
Academic Session : (2021-2022)

TARGET
JEE (Main + Advanced) 2023

Test Name	Test Date	Physics	Chemistry	Maths	Test Pattern
Unit Test - 1	11-07-2021 (Sunday)	"Basic Mathematics used in Physics, Vectors, Units & Dimensions and Measurement"	Mole Concept	**Logarithms, Trigonometric Ratios and Identities.	JEE (Adv.)
Unit Test - 2	25-07-2021 (Sunday)	" Kinematics"	Atomic structure	Quadratic Equations & *Linear Inequilities	JEE (Adv.)
Unit Test - 3	08-08-2021 (Sunday)	Laws of Motion and Friction	Periodic properties, Basic inorganic nomenclature.	Trigonometric Equations, **Solution of Triangles, *Height and Distance	JEE (Adv.)
Review Test 1	29-08-2021 (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	05-09-2021 (Sunday)	Work, Energy & Power	Chemical Bonding	Point and Straight Line	JEE (Adv.)
Unit Test - 5	19-09-2021 (Sunday)	Centre of Mass & Collisions	Redox & equivalent concept, Chemical Equilibrium.	Circle	JEE (Adv.)
Review Test 2	03-10-2021 (Sunday)	Syllabus of Unit Test 1, 2, 3, 4 & 5	Syllabus of Unit Test 1, 2, 3, 4 & 5	Syllabus of Unit Test 1, 2, 3, 4 & 5	JEE (Adv.) [2 Papers]
Unit Test - 6	31-10-2021 (Sunday)	Rotational Motion	Organic nomenclature, Basic principles of practical organic chemistry, State of matter (gaseous state)	Sequences and Series	JEE (Adv.)
Unit Test - 7	14-11-2021 (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 (Adv.)
Unit Test - 8	05-12-2021 (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 (Adv.)

Test Name	Test Date	Physics	Chemistry	Maths	Test Pattern
Review Test 3	19-12-2021 (Sunday)	Syllabus of Unit Test 6,7 & 8	Syllabus of Unit Test 6,7 & 8	Syllabus of Unit Test 6,7 & 8	JEE (Main) [1 Paper] JEE (Adv.) [1 Paper]
Unit Test - 9	30-01-2022 (Sunday)	Simple Harmonic Motion	GOC (acidic & basic strength), isomerism (Geometrical & Structural).	Parabola, Ellipse & Hyperbola	JEE (Adv.)
Unit Test - 10	13-02-2022 (Sunday)	Waves(String & Sound waves)	Alkane, Alkenes & Alkynes, Chemical thermodynamics & Thermochemistry, Aromatic hydrocarbon, environmental chemistry	Functions, [Limits and Derivaties and Three Dimensional Geometry, Probability (All Elementary Level)], *[Sets, Relation, Statistics, Mathematical Reasoning]	JEE (Adv.)
Review Test 4	20-02-2022 (Sunday)	Syllabus of Unit Test 6,7,8,9 & 10	Syllabus of Unit Test 6,7,8,9 & 10	Syllabus of Unit Test 6,7,8,9 & 10	JEE (Adv.) [2 Papers]
Major Test 1	13-03-2022 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Adv.) [2 Papers]
Major Test 2	27-03-2022 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Main)
Major Test 3	10-04-2022 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Adv.) [2 Papers]
Major Test 4	08-05-2022 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Adv.) [2 Papers]
Major Test 5	28-05-2022 (Sunday)	Full Syllabus	Full Syllabus	Full Syllabus	JEE (Main)

NOTE : JEE (Main + Advanced) : One Paper of 3 Hours. Pattern Similar to JEE (Main + Advanced). | *Only in JEE (Main) Syllabus, **Only in JEE (Main + Advanced) Syllabus .

For More Details Visit : www.onlinetestseries.in