

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

### COMPREHENSIVE TEST PACKAGE (Adv. & Main)- XII STUDYING

Date	Day	Test	Details
23-05-2020	Saturday	UT -1 (Adv)	<b>Physics</b> - Physical World, Units & Measurements, Motion in a Straight Line, Motion in a Plane. <b>Chemistry</b> - Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties <b>Maths</b> - Basics of Mathematics, Relations and Functions, Trigonometric Functions-I: Trigonometric Ratios and Identities, Transformation Formulae, Trigonometric Equations(Level-I),
30-05-2020	Saturday	UT -2 (Adv)	<b>Physics</b> - Electric Charges and Field, Electrostatic Potential and Capacitance <b>Chemistry</b> - The Solid State, Solution, Electrochemistry <b>Maths</b> -Relations and Functions, Inverse Trigonometric Functions
13-06-2020	Saturday	UT -3 (Adv)	<b>Physics</b> - Laws of Motion, Work, Energy and Power <b>Chemistry</b> - Chemical Bonding and Molecular Structure, States of Matter <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
27-06-2020	Saturday	PT-1 (Main)	Test on Topics covered in Unit Test -1 to Test -3
04-07-2020	Saturday	UT -4 (Adv)	<b>Physics</b> -Current Electricity, Moving Charges & Magnetism <b>Chemistry</b> - Chemical Kinetics, Surface Chemistry, General Principles & Processes of Isolation of Elements <b>Maths</b> -Matrices and Determinants
11-07-2020	Saturday	UT -5 (Adv)	<b>Physics</b> - System of Particles and Rotational Motion, Gravitation <b>Chemistry</b> - Thermodynamics, Equilibrium, Redox Reactions <b>Maths</b> - Sequences and Series, Binomial Theorem, Permutations and Combinations
25-07-2020	Saturday	UT -6 (Adv)	<b>Physics</b> - Mechanical Properties of Solids, Mechanical Properties of Fluids <b>Chemistry</b> - Hydrogen, The s-Block Elements, The p-Block Elements(class XI) <b>Maths</b> - Straight Lines (Including Pair of Straight Lines), Conic Sections-I (Circle), Conic Sections-II (Parabola, Ellipse & Hyperbola)
17-08-2020	Monday	PT-2 (Main)	Test on Topics covered in Unit Test -4 to Test -6
29-08-2020	Saturday	CT-1	Test on Topics covered in Unit Test -1 to Test -6
05-09-2020	Saturday	UT -7 (Adv)	<b>Physics</b> - Magnetism and Matter, Electromagnetic Induction, Alternating Current <b>Chemistry</b> - The p-Block Elements(class XII), The d & f-Block Elements, Coordination Compounds, Qualitative Analysis <b>Maths</b> - Continuity and Differentiability, Applications of Derivatives
19-09-2020	Saturday	UT -8 (Adv)	<b>Physics</b> - Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases <b>Chemistry</b> - Organic Chemistry - Some Basic Principles and Techniques <b>Maths</b> - Complex Numbers-II(Including Geometrical Applications), Introduction to Three Dimensional Geometry, Limits and Derivatives, Mathematical Reasoning
03-10-2020	Saturday	UT -9 (Adv)	<b>Physics</b> - Oscillations, Waves <b>Chemistry</b> - Hydrocarbons, Environmental Chemistry <b>Maths</b> - Statistics, Probability, Trigonometric Functions -II: Trigonometric Ratios & Identities, Transformation Formulae, Trigonometric Equations (Level-II)
10-10-2020	Saturday	PT-3 (Main)	Test on Topics covered in Unit Test -7 to Test -9
24-10-2020	Saturday	UT -10 (Adv)	<b>Physics</b> - Electromagnetic Waves, Ray Optics and Optical Instruments, Wave Optics <b>Chemistry</b> - Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers <b>Maths</b> - Integrals (Indefinite and Definite), Applications of Integrals
07-11-2020	Saturday	UT -11 (Adv)	<b>Physics</b> - Dual Nature of Radiation and Matter, Atoms, Nuclei <b>Chemistry</b> - Aldehydes, Ketones and Carboxylic Acids, Amines <b>Maths</b> - Differential Equations, Vector
28-11-2020	Saturday	UT -12 (Adv)	<b>Physics</b> - Semiconductor Electronics : Materials, Devices and Simple Circuits, Communication Systems <b>Chemistry</b> - Biomolecules, Polymers, Chemistry in Everyday life <b>Maths</b> - Three Dimensional Geometry, Linear, Programming, Probability
05-12-2020	Saturday	PT-4 (Main)	Test on Topics covered in Unit Test -10 to Test -12
12-12-2020	Saturday	CT-2	Test on Topics covered in Unit Test -7 to Test -12
19-12-2020	Saturday	FST-1	Complete Syllabus Test - Based on JEE (Main) Pattern (Class XI & XII)
23-12-2020	Wednesday	FST-2	Complete Syllabus Test - Based on JEE (Main) Pattern (Class XI & XII)
26-12-2020	Saturday	FST-3	Complete Syllabus Test - Based on JEE (Main) Pattern (Class XI & XII)
02-01-2021	Saturday	FST-4	Complete Syllabus Test - Based on JEE (Main) Pattern (Class XI & XII)

**4 Test of JEE (Main) Phase - II in the Month of Mar- April and 5 test of JEE (Adv.) will be given in the month of April- May 2021\***

\*(The test dates will be intimated in the month of January and schedule will be uploaded)