

**COMPREHENSIVE TEST PACKAGE (CTP) (MAIN & ADVANCED)-2023 (XII PASSED)**

**ONLINE TEST SCHEDULE**

Test Date	Day	Test No.	Details
16-07-2022	Saturday	UT-01 (Main)	<b>Physics</b> - Physical World, Units & Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power <b>Chemistry</b> - Structure of Atom, Classification of Elements and Periodicity in Properties, Some Basic Concepts of Chemistry, Chemical Bonding and Molecular Structure, Redox Reactions & Volumetric Analysis, States of Matter <b>Maths</b> - Quadratic Equations, Complex Numbers, Sequences and Series, Binomial Theorem (including principle of Mathematical Induction)
30-07-2022	Saturday	UT-01 (Advanced)	<b>Physics</b> - Physical World, Units & Measurement, Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power <b>Chemistry</b> - Structure of Atom, Classification of Elements and Periodicity in Properties, Some Basic Concepts of Chemistry, Chemical Bonding and Molecular Structure, Redox Reactions & Volumetric Analysis, States of Matter <b>Maths</b> - Quadratic Equations, Complex Numbers, Sequences and Series, Binomial Theorem (including principle of Mathematical Induction)
17-08-2022	Wednesday	UT-02 (Main)	<b>Physics</b> - System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids <b>Chemistry</b> - Thermodynamics, Equilibrium, The Solid State, Solution, Electrochemistry, Chemical Kinetics <b>Maths</b> - Permutations and Combinations, Matrices, Determinants, Trigonometric Functions
29-08-2022	Monday	UT-02 (Advanced)	<b>Physics</b> - System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids <b>Chemistry</b> - Thermodynamics, Equilibrium, The Solid State, Solution, Electrochemistry, Chemical Kinetics <b>Maths</b> - Permutations and Combinations, Matrices, Determinants, Trigonometric Functions
03-09-2022	Saturday	UT-03 (Main)	<b>Physics</b> - Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves <b>Chemistry</b> - Organic Chemistry - Some Basic Principles and Techniques, Hydrocarbons, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers <b>Maths</b> - Inverse Trigonometric Functions, Straight Lines (Including Pair of Straight Lines), Conic Sections-I (Circle), Conic Sections-II (Parabola, Ellipse, Hyperbola), Mathematical Reasoning
10-09-2022	Saturday	UT-03 (Advanced)	<b>Physics</b> - Thermal Properties of Matter, Thermodynamics, Kinetic Theory of Gases, Oscillations, Waves <b>Chemistry</b> - Organic Chemistry - Some Basic Principles and Techniques, Hydrocarbons, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers <b>Maths</b> - Inverse Trigonometric Functions, Straight Lines (Including Pair of Straight Lines), Conic Sections-I (Circle), Conic Sections-II (Parabola, Ellipse, Hyperbola), Mathematical Reasoning
17-09-2022	Saturday	PT-1 (Main)	Test on Topics covered in Unit Test -1 to Unit Test-3
03-10-2022	Monday	PT-1 (Advanced)	Test on Topics covered in Unit Test -1 to Unit Test-3
08-10-2022	Saturday	UT-04 (Main)	<b>Physics</b> - Electric Charges and Field, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges & Magnetism <b>Chemistry</b> - Aldehydes, Ketones and Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday life, Environmental Chemistry <b>Maths</b> - Basics of Mathematics (Sets), Relations and Functions, Limits and Derivatives, Continuity and Differentiability, Applications of Derivatives
15-10-2022	Saturday	UT-04 (Advanced)	<b>Physics</b> - Electric Charges and Field, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges & Magnetism <b>Chemistry</b> - Aldehydes, Ketones and Carboxylic Acids, Amines, Biomolecules, Polymers, Chemistry in Everyday life, Environmental Chemistry <b>Maths</b> - Basics of Mathematics (Sets), Relations and Functions, Limits and Derivatives, Continuity and Differentiability, Applications of Derivatives
22-10-2022	Saturday	UT-05 (Main)	<b>Physics</b> - Magnetism and Matter, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments, Wave Optics <b>Chemistry</b> - The d & f-Block Elements, Coordination Compounds, Qualitative Analysis <b>Maths</b> - Indefinite Integration, Definite Integration, Applications of Integrals, Differential Equations
29-10-2022	Saturday	UT-05 (Advanced)	<b>Physics</b> - Magnetism and Matter, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments, Wave Optics <b>Chemistry</b> - The d & f-Block Elements, Coordination Compounds, Qualitative Analysis <b>Maths</b> - Indefinite Integration, Definite Integration, Applications of Integrals, Differential Equations
12-11-2022	Saturday	UT-06 (Main)	<b>Physics</b> - Dual Nature of Radiation and Matter, Atoms, Nuclei, Semiconductor Electronics : Materials, Devices and Simple Circuits, Communication Systems, Experimental Physics <b>Chemistry</b> - General Principles & Processes of Isolation of Elements, Hydrogen, The s-Block Elements, The p-Block Elements (Group 13-14), The p-Block Elements (Group 15-18), Surface Chemistry <b>Maths</b> - Vector Algebra, Three Dimensional Geometry, Probability, Statistics
19-11-2022	Saturday	UT-06 (Advanced)	<b>Physics</b> - Dual Nature of Radiation and Matter, Atoms, Nuclei, Semiconductor Electronics : Materials, Devices and Simple Circuits, Communication Systems, Experimental Physics <b>Chemistry</b> - General Principles & Processes of Isolation of Elements, Hydrogen, The s-Block Elements, The p-Block Elements (Group 13-14), The p-Block Elements (Group 15-18), Surface Chemistry <b>Maths</b> - Vector Algebra, Three Dimensional Geometry, Probability, Statistics
26-11-2022	Saturday	PT-2 (Main)	Test on Topics covered in Unit Test -4 to Unit Test-6
03-12-2022	Saturday	PT-2 (Advanced)	Test on Topics covered in Unit Test -4 to Unit Test-6
07-01-2023	Saturday	FST-1	Complete Syllabus Test - Based on JEE (Main) Pattern (Class XI & XII)
12-01-2023	Thursday	FST-2	Complete Syllabus Test - Based on JEE (Advanced) (Paper-1 & 2) - Pattern (Class XI & XII)
17-01-2023	Tuesday	FST-3	Complete Syllabus Test - Based on JEE (Main) Pattern (Class XI & XII)
24-01-2023	Tuesday	FST-4	Complete Syllabus Test - Based on JEE (Advanced) (Paper-1 & 2) - Pattern (Class XI & XII)