

FIITJEE Computer Based All India Test Series for JEE Main & Advanced 2022

Test link : <https://fiitjee-aits.mypat.in>

*Tentative Schedule**

S.No.	TEST/ CSCP	Test Dates & Timings
1	PART TEST - I (Main)	20th November 2021 (3:00 pm to 6:00 pm)
2	PART TEST - I (Advanced)	21st November 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
3	PART TEST - II (Main)	11th December 2021 (3:00 pm to 6:00 pm)
4	PART TEST - II (Advanced)	12th December 2021 Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm
5	PART TEST - III (Main)	18th December 2021 (9:30 am to 12:30 pm)
6	PART TEST - III (Advanced)	19th December 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
7	FULL TEST - I (Main) & Full Test -I (Advanced)	23rd December 2021 onwards (Tests will be live on myPAT platform for 7 days)
8	FULL TEST - II (Main)	25th December 2021 (9:30 am to 12:30 pm)
9	FULL TEST - III (Main) & Full Test -II (Advanced)	4th January 2022 onwards (Tests will be live on myPAT platform for 7 days)
10	OPEN TEST (Main)	9th January 2022 (9:30 am to 12:30 pm)
11	FULL TEST - III & IV (Advanced)	18th January 2022 onwards (Tests will be live on myPAT platform for 7 days)
12	OPEN TEST I (Advanced)	23rd January 2022 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
13	FULL TEST - V (Main)	6th February 2022 (9:30 am to 12:30 pm)
14	FULL TEST - VI (Main)	13th February 2022 (9:30 am to 12:30 pm)
15	#CONCEPT RECAPITULATION TEST PAPERS - SET I, II (Main)	17th February 2022 onwards (Tests will be live on myPAT platform for 7 days)
16	FULL TEST - VII (Main)	27th February 2022 (9:30 am to 12:30 pm)
17	FULL TEST - VIII (Main)	6th March 2022 (9:30 am to 12:30 pm)
18	OPEN TEST II (Advanced)	20th March 2022 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
19	FULL TEST - IX (Main)	3rd April 2022 (9:30 am to 12:30 pm)
20	FULL TEST - X (Main)	10th April 2022 (9:30 am to 12:30 pm)
21	FULL TEST - XI (Main)	17th April 2022 (9:30 am to 12:30 pm)
22	#CONCEPT RECAPITULATION TEST PAPER - SET III (Main)	9th May 2022 onwards (Tests will be live on myPAT platform for 7 days)
23	#CONCEPT RECAPITULATION TEST PAPER - SET IV (Main)	16th May 2022 onwards (Tests will be live on myPAT platform for 7 days)
24	FULL TEST - VII (Advanced)	29th May 2022 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
25	#CONCEPT RECAPITULATION TEST PAPERS - SET I & II (Advanced)	3rd June 2022 onwards (Tests will be live on myPAT platform for 7 days)
26	FULL TEST - VIII (Advanced)	5th June 2022 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
27	#CONCEPT RECAPITULATION TEST PAPERS - SET III & IV (Advanced)	10th June 2022 onwards (Tests will be live on myPAT platform for 7 days)
28	FULL TEST - IX (Advanced)	12th June 2022 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
29	FULL TEST - X (Advanced)	19th June 2022 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
30	FULL TEST - XI (Advanced)	26th June 2022 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)

* Subject to change post announcement of dates of XII Board 2022 by CBSE, JEE Main 2022 by NTA & JEE Advanced 2022 by IIT

Concept Recapitulation Test Papers are Practice Test Papers through which concepts are to be revised. These papers are very helpful to revise the topic of Physics, Chemistry & Mathematics without actually revising the entire theory. In these papers, representative problems are there from various concepts of JEE syllabus, through which students can recapitulate entire topics before JEE within short span of time.

It is suggested that you take all the tests at home during the JEE timings, thereby making sure your biological clocks are tuned for peak performance on the JEE day. If you get habituated to taking the test at night, your body and mind get tuned for the best performance at night but that may not be of much avail on the JEE day.

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Syllabi

PAPER	CHEMISTRY	MATHEMATICS	PHYSICS
Part Test – I			
MAIN	Atomic Structure, Chemical Kinetics, Chemical Equilibrium, Balancing of Redox Reaction, Ionic Equilibrium, Chemical Bonding, s-Block and Hydrogen, Boron and Carbon Family, Periodic Properties	Sets, Relations and Functions, Limits, Continuity and Differentiability, Application of Derivatives, Indefinite Integration, Definite Integrals and their Properties, Area, Differential Equations, Mathematical Reasoning, Volume & Surface	Units and Measurement, Kinematics (Motion in One Dimension), Vectors, Kinematics (Motion in Two and Three Dimensions), Relative motion, Laws of Motion, Work, Energy and Power, Center of mass, Conservation of momentum Collisions, Circular motion, Rotational Motion
ADVANCED	Atomic Structure, Chemical Kinetics, Chemical Equilibrium, Balancing of Redox Reaction, Ionic Equilibrium, Chemical Bonding, s-Block and Hydrogen, Boron and Carbon Family	Functions, Limits, Continuity and Differentiability, Application of Derivatives, Indefinite Integration, Definite Integrals and their properties, Area, Differential Equations	Kinematics, Laws of Motion, Work, Energy and Power, Conservation of Momentum, Rotation
Part Test – II			
MAIN	Organic Chemistry (Including GOC), Practical Organic Chemistry, Biomolecules, Polymers	Trigonometric Ratios and Identities, Trigonometric Equations, Heights and distance, Solution of triangle, Straight Lines, Circles, Parabola, Ellipse, Hyperbola, Mathematical Induction	Kinetic theory of gases, Heat and Thermodynamics (second law + reversible and irreversible process, carnot engine + thermal expansion + calorimetry), Transfer of Heat + convection, Electrostatics, Current Electricity (color code of resistors), Thermal Effects of Current, Magnetic Effects of Current, Pure magnetism (current loop as magnetic dipole and its moment), bar magnet, magnetic field lines, earth magnetism, para-dia-ferro), Magnets, susceptibility and permeability, hysteresis, electromagnets and permanent magnets, Magnetostatics, Electromagnetics Induction and Alternating Currents (ac generator and transformer, wattless current, quality factor)
ADVANCED	Organic Chemistry (including GOC), Practical Organic Chemistry, Biomolecules, Polymers	Trigonometric ratios and identities, Trigonometric equations, Solution of triangles, Straight Lines, Circles, Parabola, Ellipse, Hyperbola	Heat and Thermodynamics, Electrostatics, Current Electricity, Magnetics, Electromagnetic Induction, A.C. Circuit
Part Test – III			
MAIN	Group V to VIII, Transition Elements & Coordination Compounds, f-Block elements, Ores and Metallurgy, Liquid Solution, Surface Chemistry, Electrochemistry, Thermodynamics & Thermochemistry, Stoichiometry, Gaseous State, Qualitative Analysis, Solid State, Environmental Chemistry, Chemistry in Everyday Life, Solid State	Progression and Series, Quadratic Equations and Expressions, Complex Numbers, Binomial Theorem, Matrices, Determinants, Permutation and Combination, Statistics (Measures of Dispersion) and Probability, Probability Distribution, Binomial Distribution, Vector, Three Dimensional Geometry	Oscillations (forced and damped oscillations), Wave & Sound, Ray Optics (microscope and astronomical telescope), Wave Optics (diffraction (single slit), resolving power of microscope and astronomical telescope, polarisation, brewsters law, uses of polaroids and polarised light), Electromagnetic Waves, Dual Nature of Matter & Radiation, Atoms, Molecules and Nuclei, Electronic Devices & Communication Systems, Experimental Skills in Physics, Gravitation, Properties of Solids and Fluids + streamline flow, turbulent flow, reynolds number
ADVANCED	Group V to VIII, Transition Elements & Coordination Compounds, Ores and Metallurgy, Liquid Solution, Electrochemistry, Thermodynamics & Thermochemistry, Stoichiometry, Gaseous State, Qualitative Analysis, Solid State	Progression and Series, Quadratic Equations and Expressions, Complex Numbers, Binomial Theorem, Matrices Determinants, Permutation and Combination, Probability, Vector, Three Dimensional Geometry	Gravitation, Fluids, Simple Harmonic Motion, Waves & Sound, Optics, Modern Physics, Error Analysis

Note: Full Tests syllabi will be combined syllabi of Part Test - I, II & III.