

FIITJEE Computer Based All India Test Series for JEE Advanced 2023

(from Open Test II Advanced)

with Live Online Concept Strengthening Classroom Program (CSCP)

Schedule

S.No.	TEST / Live Online CSCP	Test Dates & Timings
1	OPEN TEST II (Advanced)	April 16, 2023 (Paper 1-9:00 AM to 12:00 PM Paper 2-2:30 PM to 5:30 PM)
	Live Online CSCP by FIITJEE Delhi	April 18, 2023 (10:30 AM to 5:30 PM)
2	FULL TEST - VII (Advanced)	April 23, 2023 (Paper 1-9:00 AM to 12:00 PM Paper 2-2:30 PM to 5:30 PM)
	Live Online CSCP by FIITJEE Delhi	April 25, 2023 (10:30 AM to 5:30 PM)
3,4, 5,6	CONCEPT RECAPITULATION TEST PAPERS - SET I, II, III & IV (Advanced)****	April 26, 2023 (Test will be live for 7 days at fiitjee.glorifire.com)
7	FULL TEST - VIII (Advanced)	May 7, 2023 (Paper 1-9:00 AM to 12:00 PM Paper 2-2:30 PM to 5:30 PM)
	Live Online CSCP by FIITJEE Delhi	May 9, 2023 (10:30 AM to 5:30 PM)
8	FULL TEST - IX (Advanced)	May 14, 2023 (Paper 1-9:00 AM to 12:00 PM Paper 2-2:30 PM to 5:30 PM)
	Live Online CSCP by FIITJEE Delhi	May 16, 2023 (10:30 AM to 5:30 PM)
9	FULL TEST - X (Advanced)	May 21, 2023 (Paper 1-9:00 AM to 12:00 PM Paper 2-2:30 PM to 5:30 PM)
	Live Online CSCP by FIITJEE Delhi	May 23, 2023 (10:30 AM to 5:30 PM)
10	FULL TEST - XI (Advanced)	May 28, 2023 (Paper 1-9:00 AM to 12:00 PM Paper 2-2:30 PM to 5:30 PM)
	Live Online CSCP by FIITJEE Delhi	May 30, 2023 (10:30 AM to 5:30 PM)

Note:

1. Tests can be taken from CBT Centers located at cities namely Ahmedabad, Allahabad, Amritsar, Bangalore, Bhilai, Bhopal, Bhubaneswar, Bokaro, Chandigarh, Chennai, Cuttack, Delhi (Dwarka), Delhi (East), Delhi (North-West), Delhi (South), Delhi NCR (Faridabad), Delhi NCR (Ghaziabad), Delhi NCR (Gurugram), Delhi NCR (Noida), Dhanbad, Durgapur, Gorakhpur, Gwalior, Hyderabad, Indore, Jaipur, Jamshedpur, Jodhpur, Kanpur, Kharagpur, Kolkata, Kota, Lucknow, Meerut, Mumbai, Nagpur, Patna, Pune, Raipur, Ranchi, Vadodara, Varanasi, Vijayawada, Visakhapatnam.
2. Tests can also be taken from home on one's own computer.
3. * marked Tests can be taken only at <https://fiitjee.glorifire.com>. Tests will be live for 7 days from the given date.
4. Link for Live Online CSCP will be sent by WhatsApp to your registered mobile number one/ two days before the session.

FIITJEE Computer Based All India Test Series for JEE Main, 2023

Syllabus

Part Test - I

CHEMISTRY	Atomic Structure, Chemical Kinetics, Chemical Equilibrium, Balancing of Redox Reaction, Ionic Equilibrium, Chemical Bonding, s-Block and Hydrogen, Boron and Carbon Family, Periodic Properties
MATHEMATICS	Sets, Relations and Functions, Limits, Continuity and Differentiability, Application of Derivatives, Indefinite Integration, Definite Integrals and their Properties, Area, Differential Equations, Volume & Surface
PHYSICS	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

Part Test -II

CHEMISTRY	Organic Chemistry (Including GOC), Practical Organic Chemistry, Biomolecules, Polymers
MATHEMATICS	Trigonometric Ratios and Identities, Trigonometric Equations, Heights and distance, Solution of triangle, Straight Lines, Circles, Parabola, Ellipse, Hyperbola
PHYSICS	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)

Part Test - III

CHEMISTRY	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
MATHEMATICS	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
PHYSICS	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, Geometrical Optics, Semi Conductor Devices

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

FIITJEE Computer Based All India Test Series for JEE Advanced, 2023

Syllabus

Part Test - I

CHEMISTRY	Atomic Structure, Chemical Kinetics, Chemical Equilibrium, Balancing of Redox Reaction, Ionic Equilibrium, Chemical Bonding, s-Block and Hydrogen, Boron and Carbon Family
MATHEMATICS	Functions, Limits, Continuity and Differentiability, Application of Derivatives, Indefinite Integration, Definite Integrals and their properties, Area, Differential Equations
PHYSICS	Kinematics, Laws of Motion, Work, Energy and Power, Conservation of Momentum, Rotation

Part Test - II

CHEMISTRY	Organic Chemistry (Including GOC), Practical Organic Chemistry, Biomolecules, Polymers
MATHEMATICS	Trigonometric ratios and Identities, Trigonometric equations, Solution of triangles, Straight Lines, Circles, Parabola, Ellipse, Hyperbola
PHYSICS	Heat and Thermodynamics, Electrostatics, Current Electricity, Magnetics, Electromagnetic Induction, A.C. Circuit

Part Test - III

CHEMISTRY	Group V to VIII, Transition Elements & Coordination Compounds, Ores and Metallurgy, Liquid Solution, Electrochemistry, Thermodynamics & Thermochemistry, Stoichiometry, Gaseous State, Qualitative Analysis, Solid State
MATHEMATICS	Progression and Series, Quadratic Equations and Expressions, Complex Numbers, Binomial Theorem, Matrices, Determinants, Permutation and Combination, Probability, Vector, Three Dimensional Geometry
PHYSICS	Gravitation, Fluids, Simple Harmonic Motion, Waves & Sound, Optics, Modern Physics, Error Analysis

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