

**FIITJEE Computer Based All India Test Series for JEE Main & JEE Advanced 2024**  
with Live Online CSCP (Concept Strengthening Classroom Program)

Schedule<sup>#</sup>

S. No.	Test	Date	Timings	Test can be taken from
1	OPEN TEST I (Advanced)	4th February 2024	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	6th February 2024	12:45 pm to 7:45 pm	
2, 3, 4	FULL TEST III, IV & V (Advanced)	8th February 2024	<i>Tests will be live for 15 days</i>	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
5	FULL TEST - VII (Main)	22nd March 2024	9:00 am to 12:00 noon	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	23rd March 2024	12:45 pm to 7:45 pm	
6	FULL TEST - VIII (Main)	24th March 2024	3:00 pm to 6:00 pm	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
7,8	CONCEPT RECAPITULATION TEST III, IV (Main)	25th March 2024	Test will be live for 7 days	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
9	FULL TEST - IX (Main)	27th March 2024	9:00 am to 12:00 noon	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	28th March 2024	10:30 am to 5:30 pm	
10	FULL TEST - X (Main)	29th March 2024	3:00 pm to 6:00 pm	1. CBT Test Centre 2. <a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	30th March 2024	12:45 pm to 7:45 pm	
11	FULL TEST - XI (Main)	31st March 2024	9:00 am to 12:00 noon	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
12	OPEN TEST II (Advanced)	21st April 2024	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	23rd April 2024	12:45 pm to 7:45 pm	
13	FULL TEST - VII (Advanced)	28th April 2024	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	30th April 2024	12:45 pm to 7:45 pm	
14,15,16,17	CONCEPT RECAPITULATION TEST I, II, III & IV (Advanced)	1st May 2024	Test will be live for 15 days	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
18	FULL TEST - VIII (Advanced)	5th May 2024	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm	1. CBT Test Centre 2. <a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	7th May 2024	12:45 pm to 7:45 pm	
19	FULL TEST - IX (Advanced)	12th May 2024	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	14th May 2024	12:45 pm to 7:45 pm	
20	FULL TEST - X (Advanced)	15th May 2024	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm	1. CBT Test Centre 2. <a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	17th May 2024	12:45 pm to 7:45 pm	
21	FULL TEST - XI (Advanced)	19th May 2024	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm	<a href="https://fiitjee.mypat.in">https://fiitjee.mypat.in</a>
	Live Online CSCP by FIITJEE Delhi	21st May 2024	12:45 pm to 7:45 pm	

# Subject to change after announcement of Schedule of XII Board 2024 by CBSE, of JEE Main 2024 by NTA, of JEE Advanced 2024 by IIT.

1. CBT Test Centers : Ahmedabad, Allahabad, Amritsar, Bangalore, Bhalai, Bhopal, Bhubaneswar, Bokaro, Chandigarh, Chennai, Cuttack, Delhi (Dwarka), Delhi (East), Delhi (Punjabi Bagh), Delhi (Janakpuri), 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. Link for Live Online CSCP will be sent by WhatsApp to your registered mobile number two days before the session.

## FIITJEE Computer Based All India Test Series for JEE Main, 2024

### Syllabus

#### Part Test - I

<b>CHEMISTRY</b>	Atomic Structure, Chemical Kinetics, Chemical Equilibrium, Balancing of Redox Reaction, Ionic Equilibrium, Chemical Bonding, Boron and Carbon Family, Periodic Properties.
<b>MATHEMATICS</b>	Sets, Relations and Functions, Limits, Continuity and Differentiability, Application of Derivatives, Indefinite Integrals, Definite Integrals and their Properties, Area, Differential Equations.
<b>PHYSICS</b>	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

<b>CHEMISTRY</b>	Organic Chemistry (Including GOC), Practical Organic Chemistry, Biomolecules.
<b>MATHEMATICS</b>	Trigonometric Ratios and Identities, Solution of triangles, Straight Lines, Circles, Parabola, Ellipse, Hyperbola.
<b>PHYSICS</b>	Kinetic theory of gases, Heat and Thermodynamics (second law+reversible and irreversible process + thermal expansion + calorimetry), Transfer of Heat + convection, Electrostatics, Current Electricity, Thermal Effects of Current, Magnetic Effects of Current, Pure magnetism (current loop as magnetic dipole and its moment), bar magnet, magnetic field lines, para-dia-ferro, Magnets, Magnetostatics, Electromagnetics Induction and Alternating Currents (ac generator and transformer, wattless current).

#### Part Test - III

<b>CHEMISTRY</b>	Group V to VIII, Transition Elements & Coordination Compounds, f-Block elements, Liquid Solution, Electrochemistry, Thermodynamics & Thermochemistry, Stoichiometry, Qualitative Analysis.
<b>MATHEMATICS</b>	Progression and Series, Quadratic Equations and Expressions, Complex Numbers, Binomial Theorem, Matrices, Determinants, Permutation and Combination, Statistics (Measures of Dispersion), Probability, Probability Distribution, Vector, Three Dimensional Geometry.
<b>PHYSICS</b>	Wave & Sound, Ray Optics (microscope and astronomical telescope), Wave Optics (diffraction (single slit), polarisation, Brewster's law, uses of polaroids and polarised light), Electromagnetic Waves, Dual Nature of Matter & Radiation, Atoms, Molecules and Nuclei, Electronic Devices, Experimental Skills in Physics, Gravitation, Properties of Solids and Fluids + streamline flow, turbulent flow, 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, 2024

Syllabus

**Part Test - I**

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

**Part Test - II**

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

**Part Test - III**

<b>CHEMISTRY</b>	Group V to VIII, Transition Elements & Coordination Compounds, Ores and Metallurgy, Liquid Solution & Surface Chemistry, Electrochemistry, Thermodynamics & Thermochemistry, Stoichiometry, Gaseous State, Qualitative Analysis, Solid State, Chemistry in everyday life, f-Block Element.
<b>MATHEMATICS</b>	Progression and Series, Quadratic Equations and Expressions, Complex Numbers, Binomial Theorem, Matrices, Determinants, Permutation and Combination, Probability, Statistics, Vectors, Three Dimensional Geometry.
<b>PHYSICS</b>	Gravitation, Fluids, Simple Harmonic Motion, Waves & Sound, Optics, Electromagnetic Wave, Modern Physics, Error Analysis & General Physics.

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