

**FIITJEE Computer Based All India Test Series for JEE Main & JEE Advanced 2024**

**Schedule<sup>#</sup>**

**for Classroom Program Students**

S. No.	Test	Date	Timings	Test can be taken from
1	PART TEST - I (Main)	18th November 2023	3:00 pm to 6:00 pm	1. CBT Test Centre 2. <a href="https://glorifire.com">https://glorifire.com</a>
2	PART TEST - I (Advanced)	19th November 2023	Paper 1 - 9:30 am to 12:30 pm Paper 2 - 2:30 pm to 5:30 pm	1. CBT Test Centre 2. <a href="https://glorifire.com">https://glorifire.com</a>
3	PART TEST - II (Main)	3rd December 2023	9:30 am to 12:30 pm	1. CBT Test Centre 2. <a href="https://glorifire.com">https://glorifire.com</a>
4	PART TEST - II (Advanced)	10th December 2023	Paper 1 - 9:30 am to 12:30 pm Paper 2 - 2:30 pm to 5:30 pm	<a href="https://glorifire.com">https://glorifire.com</a>
5	PART TEST - III (Main)	17th December 2023	9:30 am to 12:30 pm	<a href="https://glorifire.com">https://glorifire.com</a>
6	PART TEST - III (Advanced)	24th December 2023	Paper 1 - 9:30 am to 12:30 pm Paper 2 - 2:30 pm to 5:30 pm	<a href="https://glorifire.com">https://glorifire.com</a>
7, 8	FULL TEST - I (Main) & Full Test - I (Advanced)	28th December 2023	<i>Tests will be live for 7 days</i>	<a href="https://glorifire.com">https://glorifire.com</a>
9	FULL TEST - II (Main)	7th January 2024	9:00 am to 12:00 noon	<a href="https://glorifire.com">https://glorifire.com</a>
10	FULL TEST - III (Main)	11th January 2024	3:00 pm to 6:00 pm	<a href="https://glorifire.com">https://glorifire.com</a>
11	OPEN TEST (Main)	14th January 2024	9:00 am to 12:00 noon	1. CBT Test Centre 2. <a href="https://glorifire.com">https://glorifire.com</a>
12	FULL TEST V (Main)	17th January 2024	<i>Tests will be live for 7 days</i>	<a href="https://glorifire.com">https://glorifire.com</a>
13	FULL TEST - VI (Main)	18th January 2024	3:00 pm to 6:00 pm	<a href="https://glorifire.com">https://glorifire.com</a>
14, 15	CONCEPT RECAPITULATION TEST - I, II (Main)	20th January 2024	<i>Tests will be live for 7 days</i>	<a href="https://glorifire.com">https://glorifire.com</a>
16	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://glorifire.com">https://glorifire.com</a>
17, 18, 19	FULL TEST III, IV & V (Advanced)	8th February 2024	<i>Tests will be live for 15 days</i>	<a href="https://glorifire.com">https://glorifire.com</a>
20	FULL TEST - VII (Main)	22nd March 2024	9:00 am to 12:00 noon	<a href="https://glorifire.com">https://glorifire.com</a>
21	FULL TEST - VIII (Main)	24th March 2024	3:00 pm to 6:00 pm	<a href="https://glorifire.com">https://glorifire.com</a>
22,23	CONCEPT RECAPITULATION TEST III, IV (Main)	25th March 2024	Test will be live for 7 days	<a href="https://glorifire.com">https://glorifire.com</a>
24	FULL TEST - IX (Main)	27th March 2024	9:00 am to 12:00 noon	<a href="https://glorifire.com">https://glorifire.com</a>
25	FULL TEST - X (Main)	29th March 2024	3:00 pm to 6:00 pm	1. CBT Test Centre 2. <a href="https://glorifire.com">https://glorifire.com</a>
26	FULL TEST - XI (Main)	31st March 2024	9:00 am to 12:00 noon	<a href="https://glorifire.com">https://glorifire.com</a>
27	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://glorifire.com">https://glorifire.com</a>
28	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://glorifire.com">https://glorifire.com</a>
29,30, 31,32	CONCEPT RECAPITULATION TEST I, II, III & IV (Advanced)	1st May 2024	Test will be live for 15 days	<a href="https://glorifire.com">https://glorifire.com</a>
33	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://glorifire.com">https://glorifire.com</a>
34	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://glorifire.com">https://glorifire.com</a>
35	FULL TEST - X (Advanced)	19th 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://glorifire.com">https://glorifire.com</a>
36	FULL TEST - XI (Advanced)	26th May 2024	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm	<a href="https://glorifire.com">https://glorifire.com</a>

# 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.

**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, s-Block and Hydrogen, 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, Polymers, Environmental Chemistry.
<b>MATHEMATICS</b>	Trigonometric Ratios and Identities, Trigonometric Equations, Heights and distance, 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, 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**

<b>CHEMISTRY</b>	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, Chemistry in Everyday Life.
<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, Binomial Distribution, Vector, Three Dimensional Geometry, Mathematical Inductions, Mathematical Reasoning.
<b>PHYSICS</b>	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, 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.