

FIITJEE Computer Based All India Test Series for JEE Main & JEE Advanced 2021

(with Live Online Concept Strengthening Classroom Program)

Schedule of Online Tests at <https://fiitjee-aits.mypat.in>

1	PART TEST - I (Main)	5th December 2020 (3:00 pm to 6:00 pm)
2	PART TEST - I (Advanced)	6th December 2020 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
3	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	8th December 2020
4	PART TEST - II (Main)	12th December 2020 (3:00 pm to 6:00 pm)
5	PART TEST - II (Advanced)	13th December 2020 Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm
6	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	15th December 2020
7	PART TEST - III (Main)	19th December 2020 (9:30 am to 12:30 pm)
8	PART TEST - III (Advanced)	20th December 2020 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
9	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	22nd December 2020
10	FULL TEST - I (Main) & Full Test -I (Advanced)	23rd December 2020 onwards (Tests will be live on myPAT platform for 7 days)
11	FULL TEST - II (Main)	27th December 2020 (9:30 am to 12:30 pm)
12	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	29th December 2020
13	FULL TEST - III (Main) & Full Test -II (Advanced)	4th January 2021 onwards (Tests will be live on myPAT platform for 7 days)
14	OPEN TEST (Main)	10th January 2021 (9:30 am to 12:30 pm)
15	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	12th January 2021
16	FULL TEST - III & IV (Advanced)	18th January 2021 onwards (Tests will be live on myPAT platform for 7 days)
17	OPEN TEST I (Advanced)	24th January 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
18	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	27th January 2021
19	FULL TEST - V (Main)	8th February 2021 (4:00 pm to 7:00 pm)
20	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	10th February 2021
21	FULL TEST - VI (Main)	14th February 2021 (9:30 am to 12:30 pm)
22	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	16th February 2021
23	#CONCEPT RECAPITULATION TEST PAPERS - SET I, II (Main)	17th February 2021 onwards (Tests will be live on myPAT platform for 7 days)
24	FULL TEST - VII (Main)	28th February 2021 (9:30 am to 12:30 pm)
25	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	2nd March 2021
26	FULL TEST - VIII (Main)	7th March 2021 (9:30 am to 12:30 pm)
27	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	9th March 2021
28	OPEN TEST II (Advanced)	21st March 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
29	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	24th March 2021
30	FULL TEST - IX (Main)	4th April 2021 (9:30 am to 12:30 pm)
31	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	7th April 2021
32	FULL TEST - X (Main)	11th April 2021 (9:30 am to 12:30 pm)
33	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	14th April 2021
34	FULL TEST - XI (Main)	18th April 2021 (9:30 am to 12:30 pm)
35	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	21st April 2021
36	#CONCEPT RECAPITULATION TEST PAPER - SET III (Main)	9th May 2021 onwards (Tests will be live on myPAT platform for 7 days)
37	#CONCEPT RECAPITULATION TEST PAPER - SET IV (Main)	16th May 2021 onwards (Tests will be live on myPAT platform for 7 days)
38	FULL TEST - VII (Advanced)	30th May 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
39	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	2nd June 2021
40	#CONCEPT RECAPITULATION TEST PAPERS - SET I & II (Advanced)	3rd June 2021 onwards (Tests will be live on myPAT platform for 7 days)
41	FULL TEST - VIII (Advanced)	6th June 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
42	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	9th June 2021
43	#CONCEPT RECAPITULATION TEST PAPERS - SET III & IV (Advanced)	10th June 2021 onwards (Tests will be live on myPAT platform for 7 days)
44	FULL TEST - IX (Advanced)	13th June 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
45	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	16th June 2021
46	FULL TEST - X (Advanced)	20th June 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
47	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	23rd June 2021
48	FULL TEST - XI (Advanced)	27th June 2021 (Paper 1 - 9:00 am to 12:00 pm Paper 2 - 2:30 pm to 5:30 pm)
49	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi	30th June 2021

Concept Recapitulation Test Papers are Practice Test Papers through which particular 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.

Note 1: Link for Live Online Concept Strengthening Classroom Program (CSCP) will be sent by SMS to your registered mobile number 1/2 days before the session.

Note 2: Post release of date sheet of CBSE XII Board Exam, there may be changes in 1 or 2 Test dates if needed.

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.