

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

(with Live Online Concept Strengthening Classroom Program)

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

S.NO.	AITS TEST	TEST DATE	TEST TIMINGS
1	PART TEST - I (Main)	05th December 2020	3:00 pm to 6:00 pm
2	PART TEST - I (Advanced)	06th December 2020	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm
3	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi Centres on 8th December 2020		
4	PART TEST - II (Main)	19th December 2020	3:00 pm to 6:00 pm
5	PART TEST - II (Advanced)	20th December 2020	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm
6	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi Centres on 22nd December 2020		
7	HALF COURSE TEST - I (Main)	27th December 2020	9:30 am to 12:30 pm
8	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi Centres on 29th December 2020		
9	HALF COURSE TEST - II (Main)	24th January 2021	9:30 am to 12:30 pm
10	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi Centres on 27th January 2021		
11	HALF COURSE TEST - III (Main)	28th February 2021	9:30 am to 12:30 pm
12	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi Centres on 2nd March 2021		
13	HALF COURSE TEST - IV (Main)	25th April 2021	9:30 am to 12:30 pm
14	Live Online Concept Strengthening Classroom Program (CSCP) by FIITJEE Delhi Centres on 27th April 2021		
15	OPEN TEST (Advanced)	2nd May 2021	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm
16	Live Online Concept Strengthening Classroom Program (CSCP) FIITJEE Delhi Centres on 4th May 2021		
17	HALF COURSE TEST - II (Advanced)	16th May 2021	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm
18	Live Online Concept Strengthening Classroom Program (CSCP) FIITJEE Delhi Centres on 18th May 2021		
19	HALF COURSE TEST - III (Advanced)	30th May 2021	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm
20	Live Online Concept Strengthening Classroom Program (CSCP) FIITJEE Delhi Centres on 2nd June 2021		
21	HALF COURSE TEST - IV (Advanced)	6th June 2021	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:30 pm to 5:30 pm
22	Live Online Concept Strengthening Classroom Program (CSCP) FIITJEE Delhi Centres on 8th June 2021		
23	HALF COURSE TEST - V, VI & VII (Main)	Test papers will be live for practice on myPAT platform in July 2021	
24	HALF COURSE TEST - V, VI & VII (Advanced)	Test papers will be live for practice on myPAT platform in August 2021	
25	PART TEST - III & IV (Main)	Two Part Tests (half class XII Course Test) on class XII Course will be live for practice on myPAT platform in September 2021	
26	PART TEST - III & IV (Advanced)		
Advanced (Paper 1 and Paper 2) will each have three separate sections on Physics, Chemistry & Mathematics. Both papers will be objective type.			

\* 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.

**Test Schedule (in Class XII) will be made available in October / November 2021.**

**Note :** 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.

### Syllabi

PAPER	CHEMISTRY	MATHEMATICS	PHYSICS
		<b>Part Test – I</b>	
MAIN	Atomic Structure, Classification of Elements and Periodicity in Properties, Chemical Bonding & Molecular Structure, States of Matter – Gaseous and Liquids, Chemical Kinetics,  Some Basic Concepts of Chemistry and Redox Reactions, Chemical Equilibrium, Ionic Equilibrium, Chemical Energetics & Thermodynamics.	Straight Line, Circles, Parabola, Ellipse, Hyperbola, Quadratic Equations & Expressions	Units and Measurement, Description of Motion in One Dimensions, Description of Motion in Two and Three Dimensions,  Laws of Motion, Work, Energy and Power, Rotational Motion and Moment of Inertia
ADVANCED	Atomic Structure, Periodic Properties & Chemical Bonding, Gaseous State, Stoichiometry & Balancing of Redox Reaction, Chemical Equilibrium, Ionic Equilibrium, Chemical Kinetics	Straight Line, Circle, Parabola, Ellipse, Hyperbola, Quadratic Equations and Expressions	Kinematics, Laws of Motion, Work, Energy and Power, Conservation of Momentum, Rotation
		<b>Part Test – II</b>	
MAIN	Concepts of Acids and Bases, General Organic Chemistry, Isomerism, s-Block & Hydrogen, Boron and Carbon Family, Hydrocarbons, Electrophilic Aromatic Substitution, Environmental Chemistry	Trigonometric Ratios & Identities, Trigonometric Equations, Heights & Distances, Progressions, Series & Inequalities, Exponential Series & Logarithmic Series, Binomial Theorem, Complex Numbers, Demovire's Theorem & Hyperbolic Functions, Mathematical Induction, Permutation & Combination	Gravitation, Solids and Fluids, Oscillations, Wave, Heat and Thermodynamics, Transference of Heat
ADVANCED	Concepts of Acids and Bases, General Organic Chemistry, Isomerism, s-Block & Hydrogen, Boron and Carbon Family, Hydrocarbons, Electrophilic Aromatic Substitution	Trigonometric ratios and Identities, Trigonometric equations, Solution of triangles, Binomial Theorem, Complex Numbers, Permutation and Combination, Progression and Series	Gravitation, Fluids, Heat and Thermodynamics, Simple Harmonic Motion, Waves and Sound

**Note :** Half Course Tests Syllabi will be combined syllabi of Part Tests - I & II.