FIITJEE **Computer Based All India Test Series for JEE (Advanced), 2019**

(with Concept Strengthening Classroom Program)

SCHEDULE

S.NO.	AITS TEST	TEST DATE	TEST TIMINGS
1	PART TEST - I (Main)	21st October 2018	9:30 am to 12:30 pm
2	PART TEST - I (Advanced)	28th October 2018	Paper 1 - 9:30 am to 12:30 pm Paper 2 - 1:30 pm to 4:30 pm
3	Test Analysis & Concept Strengthening Classroom Sessions on Friday, 2nd November 2018 at FIITJEE Study Centre		
4	PART TEST - II (Main)	11th November 2018	9:30 am to 12:30 pm
5	PART TEST - II (Advanced)	18th November 2018	Paper 1 - 9:30 am to 12:30 pm Paper 2 - 1:30 pm to 4:30 pm
6	Test Analysis & Concept Strengthening Classroom Sessions on Friday, 23rd November 2018 at FIITJEE Study Centre		
7	PART TEST - III (Main)	9th December 2018	9:30 am to 12:30 pm
8	PART TEST - III (Advanced)	16th December 2018	Paper 1 - 9:30 am to 12:30 pm Paper 2 - 1:30 pm to 4:30 pm
9	Test Analysis & Concept Strengthening Classroom Sessions on Friday, 21st December 2018 at FIITJEE Study Centre		
10	FULL TEST - I (Main)*	Test Papers to be Downloaded on 19th December 2018 for practicing at home	
11	FULL TEST - I & II (Advanced)*		
12	FULL TEST - II (Main)	23rd December 2018	9:30 am to 12:30 pm
13	FULL TEST - III (Main)	30th December 2018	9:30 am to 12:30 pm
14	FULL TEST - IV & V (Main)*	Test Papers to be Downloaded on 30th December 2018 for practicing at home	
15	FULL TEST - III & IV (Advanced)*		
16	FULL TEST - V (Advanced)	27th January 2019	Paper 1 - 9:30 am to 12:30 pm Paper 2 - 1:30 pm to 4:30 pm
17	Test Analysis & Concept Strengthening Classroom Sessions on Friday, 1st February 2019 at FIITJEE Study Centre		
18	OPEN TEST (Advanced)	3rd February 2019	Paper 1 - 9:30 am to 12:30 pm Paper 2 - 1:30 pm to 4:30 pm
19	Test Analysis & Concept Strengthening Classroom Sessions on Friday, 8th February 2019 at FIITJEE Study Centre		
20	CONCEPT RECAPITULATION TEST *# PAPERS - SET I, II, III & IV (Main)	Test Papers to be Downloaded on 6th February 2019 for practicing at home	
21	OPEN TEST (Main)	10th February 2019	9:30 am to 12:30 pm
22	FULL TEST - VII (Main)	24th March 2019	9:30 am to 12:30 pm
23	FULL TEST - VIII (Main)	31st March 2019	9:30 am to 12:30 pm
24	CONCEPT RECAPITULATION TEST *# PAPERS - SET I, II, III & IV (Advanced)	Test Papers to be Downloaded on 16th April 2019 for practicing at home	
25	FULL TEST - VII & VIII (Advanced)*	Test Papers to be Downloaded on 23rd April 2019 for practicing at home	
26	FULL TEST - IX (Advanced)	28th April 2019	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:00 pm to 5:00 pm
27	Test Analysis & Concept Strengthening Classroom Sessions on Friday, 3rd May 2019 at FIITJEE Study Centre		
28	FULL TEST - X (Advanced)	5th May 2019	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:00 pm to 5:00 pm
29	Test Analysis & Concept Strengthening Classroom Sessions on Friday, 10th May 2019 at FIITJEE Study Centre		
30	FULL TEST - XI (Advanced)	12th May 2019	Paper 1 - 9:00 am to 12:00 noon Paper 2 - 2:00 pm to 5:00 pm
ADVANCED (Paper 1 and Paper 2) will each have three separate sections on Physics, Chemistry & Mathematics. Both papers will be objective type.			

Note: *In case of any change in the above schedule due to unforeseen & unavoidable reasons, the same will be put-up on website: www.fiitjee-distancelearning.com*

***** 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.

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.

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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, eleectromagnets and permanent magnets, Magnetostatics, Electromagnetics Induction and Alternating Currents (ac generator and transformer, watless 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	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, brewesters 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 same as that of Part Test - I, II & III combined.

Computer Based All India Test Series will be conducted in following Cities:

Delhi NCR: Delhi (South), Delhi (North West), Delhi (Dwarka), Delhi (East), Faridabad, Gurgaon, Noida, Ghaziabad **Andhra Pradesh:** Vijayawada, Visakhapatnam **Assam:** Guwahati **Bihar:** Bhagalpur, Darbhanga, Gaya, Muzaffarpur, Patna **Chandigarh**, **Chhattisgarh:** Bhilai, Raipur **Gujarat:** Ahmedabad, Vadodara **Haryana:** Hisar, Karnal, Rohtak, Sonepat **Jammu & Kashmir:** Jammu **Jharkhand:** Bokaro, Dhanbad, Jamshedpur, Ranchi, **Karnataka:** Bangalore, Mysore **Kerala:** Kochi, Thrissur, **Madhya Pradesh:** Bhopal, Gwalior, Indore, Jabalpur **Maharashtra:** Aurangabad, Mumbai (Andheri), Mumbai (Chembur), Mumbai (Kandivali), Mumbai (Thane),Mumbai (Navi Mumbai), Nagpur, Nashik, Pune **Odisha:** Bhubaneswar, Cuttack, Rourkela **Punjab:** Amritsar, Bathinda, Ludhiana **Rajasthan:** Jaipur, Jodhpur, Kota, Udaipur **Tamilnadu:** Chennai, Coimbatore **Telangana:** Hyderabad **Tripura:** Agartala **Uttar Pradesh:** Agra, Allahabad, Bareilly, Gorakhpur, Jhansi, Kanpur, Lucknow, Meerut, Shaktinagar NTPC, Varanasi **Uttarakhand:** Dehradun, Haldwani, Roorkee, **West Bengal:** Durgapur, Kharagpur, Kolkata, Siliguri.

PROGRAM FEE: Rs. 11,535/- (inclusive of GST). *This fee is not applicable for Students enrolled in* FIITJEE *Classroom Program for JEE Advanced, 2019.*

HOW TO ENROL :

ONLINE : Apply online at www.fiitjee-distancelearning.com

OFFLINE : Apply on prescribed Enrolment Form (can be collected from nearest FIITJEE centre or downloaded from www.fiitjee-distancelearning.com) Send your completely filled Enrolment Form through post / courier to National Admissions Office (NCRP), FIITJEE House, 29-A, Kalu Sarai, Sarvapriya Vihar, New Delhi-110016 along with : A. Four passport size colour photographs, B. Photocopy of last Board Exam mark sheet (minimum 75% marks in Science + Maths / PCM) C. Demand Draft / Pay Order payable at Delhi in favour of "FIITJEE Ltd." You can also submit your completed Enrolment Form in person at the nearest FIITJEE Centre.

LAST DATE TO ENROL : 5th October 2018