

FIITJEE Computer Based All India Test Series for JEE Main (January 2019)

SCHEDULE

S.NO.	AIITS TEST	TEST DATE	TEST TIMINGS
1	PART TEST - I	21st October 2018	9:30 am to 12:30 pm
2	PART TEST - II	11th November 2018	9:30 am to 12:30 pm
3	PART TEST - III	9th December 2018	9:30 am to 12:30 pm
4	FULL TEST - I	16th December 2018	9:30 am to 12:30 pm
5	FULL TEST - II	23rd December 2018	9:30 am to 12:30 pm
6	FULL TEST - III	30th December 2018	9:30 am to 12:30 pm
7	FULL TEST - IV & V*	Test Papers to be Downloaded on 30th December 2018 for practicing at home	

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.

SYLLABI

CHEMISTRY	MATHEMATICS	PHYSICS
Part Test – I		
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
Part Test – II		
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)
Part Test – III		
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, Brewster's 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

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, Vadodra **Haryana:** Hisar, Karnal, Rohtak, Sonapat **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. 3,900/- (inclusive of GST)

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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(s) 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