

ACHIEVERS STUDY MATERIAL

One Year Version for JEE Main, 2020 (For Students of Class XII / XII Pass)

(Achievers Study Material = Comprehensive Study Material + Computer Based All India Test Series + Phase Tests & Problems Package)

- Comprehensive study material divided into Four Phases
- Deep extensive coverage of theory to clear concepts to further build a solid foundation.
- Extensive coverage of objective as well as subjective problems to ensure pattern proof preparation for JEE Papers.
- Every Phase develops concepts through illustrations and exercises.
- Solved examples are provided to develop problem-solving skills.
- Graded levels of assignments as per the level of difficulty and pattern of JEE.
- Phase Tests (similar to JEE pattern).
- Regular feedback to Students in form of performance evaluation.
- Computer Based All India Test Series (AITS) - The Iconic Test Series from FIITJEE which besides developing sound examination temperament, also gives an ideal platform to analyze relative performance among serious aspirants across the nation.
- Dispatch is scheduled so as to give sufficient time to the Students to put his / her efforts to study.

TEST CENTRES for Computer Based All India Test Series (only one centre can be opted)

Delhi (South)	Bhagalpur	Gwalior	Kota	Roorkee
Delhi (North West)	Bhilai	Haldwani	Lucknow	Rourkela
Delhi (East)	Bhopal	Hisar	Ludhiana	Shaktinagar (NTPC)
Delhi NCR (Faridabad)	Bhubaneswar	Hyderabad	Meerut	Siliguri
Delhi NCR (Ghaziabad)	Bokaro	Indore	Mumbai	Sonipat
Delhi NCR (Gurgaon)	Chandigarh	Jabalpur	Navi Mumbai	Thrissur
Delhi NCR (Noida)	Chennai	Jaipur	Thane	Udaipur
Agartala	Coimbatore	Jammu	Muzaffarpur	Vadodara
Agra	Cuttack	Jamshedpur	Mysore	Varanasi
Ahmedabad	Darbhanga	Jhansi	Nagpur	Vijayawada
Allahabad	Dehradun	Jodhpur	Nashik	Visakhapatnam
Amritsar	Dhanbad	Kanpur	Patna	Wardha
Aurangabad	Durgapur	Karnal	Pune	
Bangalore	Gaya	Kharagpur	Raipur	
Bareilly	Gorakhpur	Kochi	Ranchi	
Bathinda	Guwahati	Kolkata	Rohtak	

Note: FIITJEE reserves the right to change / cancel any Test Centre without any prior notice.

Eligibility Criterion

Candidates must have secured minimum 75% marks in (Science + Maths) in Class X OR minimum 75% marks in PCM in Class XII from CBSE, ICSE, Andhra Pradesh, Anglo Indian, Haryana, Maharashtra, Kerala, Telangana, Tamilnadu & West Bengal Boards. Minimum 70% marks in (Science + Maths) in Class X OR minimum 70% marks in PCM in Class XII from other Boards.

Direct Admission to Students having qualified any stage of NTSE, KVPY, Olympiad, Jr. Science Olympiad or JSTSE / SSTSE / MTSE / similar Talent Search Exam conducted by State Govt.

Note: In case of only Grade System in Boards, equivalent Grade corresponding to eligibility criteria will be considered.

Those Students who are not eligible on the basis of marks, but are qualified in any of our Admission Tests / Scholarship Tests are eligible to apply.

Course Fee of Achievers Study Material (One Year Version) for JEE Main 2020

Program Code	Books Fee	Computer Based All India Test Series Fee	Total Amount
1268	Rs. 11400	Rs. 7434 (Rs. 6300 + 18% GST)	Rs. 18834

You will receive the first packet of Books (Phase-I Study Material) in April / May 2019.

Note : **Ex-FIITJEEian** (Students who enrolled for any FIITJEE Program for JEE 2019) will be entitled for 15% concession on Books Fee & Computer based AITS Fee of Achievers Study Material One Year version for JEE Main.

How to Enrol

Apply on prescribed Enrolment Form (can be collected from nearest FIITJEE centre or downloaded from www.fitjee-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 Class X/ XII Board Exam Mark Sheet
- C. Demand Drafts / Pay Orders payable at Delhi in favour of
 - (i) "Megacosm Cognitions Pvt. Ltd." for **Books Fee**
 - (ii) "FIITJEE Ltd." for **Computer Based All India Test Series Fee**

You can also submit your completed Enrolment Form in person at the nearest FIITJEE Centre.

You also have an option to enrol online at www.fitjee-distancelearning.com

Last Date to Enrol : 30th September 2019

Scholarship Criterion - Achievers Study Material

On the basis of marks obtained in X / XII Boards	Students who have secured a minimum of 90% in aggregate & 95% in (Science + Maths) / PCM in X or XII board exams of CBSE, ICSE, Andhra Pradesh, Anglo Indian, Haryana, Kerala, Maharashtra, Telangana, Tamilnadu & West Bengal boards OR a minimum of 90% in (Science + Maths) / PCM & 85% in aggregate from any other board.	25% Scholarship on Course Fee	Students who have secured a minimum of 93 % in aggregate & 97 % in (Science + Maths) / PCM in X or XII board exams of CBSE, ICSE, Andhra Pradesh, Anglo Indian, Haryana, Kerala, Maharashtra, Telangana, Tamilnadu & West Bengal boards OR a minimum of 93 % in (Science + Maths) / PCM & 88 % in aggregate from any other board.	50% Scholarship on Course Fee	Students who have secured a minimum of 95% in aggregate & 99% in (Science + Maths) / PCM in X or XII board exams of CBSE, ICSE, Andhra Pradesh, Anglo Indian, Haryana, Kerala, Maharashtra, Telangana, Tamilnadu & West Bengal boards OR a minimum of 95% in (Science + Maths) / PCM & 90% in aggregate from any other board.	75% Scholarship on Course Fee	N/A
In case of only Grades being given in Board Results and where marks are not mentioned	A1 in Science, Math & any 2 other subjects and overall CGPA 9.80 or A 1 in Physics, Chemistry, Maths and any 1 other subject and overall CGPA 9.80 or above.	25% Scholarship on Course Fee	A1 in Science, Math & any 3 other subjects and overall CGPA 10.00 or A1 in Physics, Chemistry, Maths and any 2 other subjects and overall CGPA 10.00.	50% Scholarship on Course Fee	Note : Students of IGCSE (International General Certificate of Secondary Education) and IB (International Baccalaureate) program are also eligible for the scholarship, the criterion will be equivalent to that of CBSE.		

The upgraded grades (A1* or A1**) will not be considered for scholarships.

Note 1 : All the above scholarships are valid only on submission of Marksheet / Certificates / letters of selection from the concerned authorities, verified & attested only by the Principal of the school / Gazetted officer.

Note 2 : If a Student is eligible for two or more than two scholarships, he can avail only one scholarship whichever is higher or highest.

Tentative Schedule* of Computer Based One Year All India Test Series for JEE Main 2020

S. No.	AITs TEST	TEST DATE	TEST TIMING
1	PART TEST - I (Main)	20th October 2019	9:30 am to 12:30 pm
2	PART TEST - II (Main)	10th November 2019	9:30 am to 12:30 pm
3	PART TEST - III (Main)	8th December 2019	9:30 am to 12:30 pm
4	FULL TEST - I (Main)	Test Papers to be Downloaded on 18th December 2019 for practicing at home	
5	FULL TEST - II (Main)	22nd December 2019	9:30 am to 12:30 pm
6	FULL TEST - III (Main)	29th December 2019	9:30 am to 12:30 pm
7	FULL TEST - IV & V (Main)	Test Papers to be Downloaded on 29th December 2019 for practicing at home	
8	OPEN TEST (Main)	9th February 2020	9:30 am to 12:30 pm
9	CONCEPT RECAPITULATION TEST# PAPERS - SET I, II, III & IV (Main)	Test Papers to be Downloaded on 12th February 2020 for practicing at home	
10	FULL TEST - VII (Main)	22nd March 2020	9:30 am to 12:30 pm
11	FULL TEST - VIII (Main)	29th March 2020	9:30 am to 12:30 pm

Note : Exam Dates will be confirmed by July 2019.

* The Schedule is based on assumption that the JEE Main would be taking place in 1st /2nd week of January 2020 as well as in April 2020. The Schedule is subject to change and will be as per the official announcement of JEE Main 2020.

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.

Syllabi of Computer Based One Year All India Test Series

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
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)
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, 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 combined syllabi of Part Tests - I, II & III.