

JUNIOR RANKERS STUDY MATERIAL THE IDEAL CORRESPONDENCE COURSE

(One Year Program for Class X)

For Jr. Science / Math Olympiad & Foundation JEE / KVPY / Olympiads / NTSE / Other Competitive Entrance Exams along with Class X

Program Contents

- ❖ Comprehensive Study Material fragmented into 3 phases.
- ❖ Computer Based Junior All India Test Series ❖ Phase Tests & Problems Package ❖ myPAT- Online Test Series

Why You Need Junior Rankers Study Material ?

- ❖ Ideal for students who wish to start early in their quest for a seat at the IITs.
- ❖ Students enrolled in this program will have more time to clear their fundamentals and practice extensively for their ultimate goal-JEE Advanced.
- ❖ The study material has been designed to enhance the problem solving skills and analytical abilities of the student which not only helps Students to improve upon school studies but also empowers them to shine in Jr. Science/Math Olympiad and develop strong foundation for JEE (Advanced & Main) / KVPY / Olympiads / NTSE / Other Competitive Entrance Exams from Class X onwards.
- ❖ Students who qualify various stages of Junior Science/Math Olympiad are given classroom support as well as support through Mock Tests for the next stages of the Olympiads.
- ❖ All the students are given support for preparation of State Level Scholarship exam (if any).
- ❖ Meticulous preparation of the students for delivering a remarkable performance in NTSE- a major milestone in class X.
- ❖ myPAT helps students to become proficient in their concepts with effective test analysis.
- ❖ It covers subjects like Physics, Chemistry, Mathematics, Biology, Social Studies and Mental Ability for NTSE level.
- ❖ Junior All India Test Series an essential part of this program, consists of 2 Part Tests (1 on Class IX +1 on Class X syllabus) and 3 Full Tests (including OPEN TEST) on Class IX + X syllabi will be conducted between November 2019 - February 2020. These Tests are Computer Based Tests conducted at selected Test Centres.
- ❖ Phase Test on Phase (I+II+III) combined.



myPAT is an Online Platform for Learning through Assessment, Analysis and Identification of Improvement Areas. Powered by Edfora, myPAT enables you to track your progress, giving an in depth analysis and allows you to assess yourself both in Test Mode and Learning Mode. Besides your absolute performance analysis at varying level like subject chapter and concept, you would be able to check your performance in various types of questions as well as level of difficulty of questions.



1. LEARN

Learn important concepts from experts & solved previous year test papers according to your personalised schedule



2. PRACTICE

Practice and master every concept as you graduate from Level 01 to Level 10



3. TEST

Test your preparation by attempting concept, part and full tests of your target exams

4. REVISE

Revise weaker concepts and chapters with instant test results



5. COMMUNITY

Ask questions and connect with other students to gain and share knowledge



6. PROFILE

Follow your favorite people and challenge them on concept, part & full tests to compete together

Eligibility Criterion

Students of Class X aspiring to excel in School Exams, Jr. Science / Math Olympiad to build strong foundation for JEE (Advanced & Main) / KVPY / Olympiads / NTSE / Other Competitive Entrance Exams.

Course Fee of Junior Rankers Study Material (One Year Program for Class X) :

Program Code	Books Fee	Computer Based Junior All India Test Series Fee	myPAT Online Test Series* Fee	Total Amount
1093	Rs. 5160	Rs. 3965 (Rs.3360 + 18% GST)	Rs. 3539 (Rs.2999 + 18% GST)	Rs. 12664
1095	Rs. 6000	Rs. 3965 (Rs.3360 + 18% GST)	--	Rs. 9965

* **myPAT Package:** 10 Full Tests + 4 Part Tests + Concept Tests for NTSE. For details of myPAT please visit www.mypat.in

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

How to Enrol

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 School Final 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 **Junior All India Test Series Fee** (iii) "Edfora Infotech Pvt. Ltd." for **myPAT Online 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.fiitjee-distancelearning.com for program code 1095 only.

Last Date to Enrol : 30th September 2019

Tentative Schedule of Computer Based Junior All India Test Series for Class X

S. No.	Jr. AITS TEST	TEST DATE	TEST TIMING
1	Part Test I	10th November 2019	9:30 am - 11:30 am
2	Part Test II	17th November 2019	
3	Full Test I	8th December 2019	
4	Full Test II	22nd December 2019	
5	Open Test	9th February 2020	

Syllabi of Junior All India Test Series for Class X

MATHEMATICS	PHYSICS	CHEMISTRY	BIOLOGY
Part Test - I			
1. Polynomials and HCF and LCM of polynomials 2. Number System, Indices, Surds, Logarithms, 3. Lines & Angles 4. Triangles 5. Coordinate geometry 6. Heron's formula 7. Linear Equations in Two Variables 8. Quadrilaterals 9. Area of parallelograms and triangles 10. Circles 11. Surface area and volumes 12. Statistics 13. Probability	1. Motion, Uniform, Non uniform (Accelerated) 2. Forces and Laws of motion 3. Gravitation 4. Work, Energy & Power 5. Sound 6. Fluids	1. Matter in Our Surrounding 2. Is matter around us pure? 3. Atoms and Molecules 4. Structure of Atom	1. The Fundamental Unit of Life 2. Tissues 3. Improvement in Food Resources 4. Natural Resources 5. Diseases: Why do we fall ill 6. Diversity in Living Organism
Part Test - II			
1. Real Numbers 2. Polynomials-2 3. Linear Equations in Two Variables-2 4. Similar triangles 5. Trigonometry 6. Application of Trigonometry 7. Statistics-2 8. Quadratic equations 9. Arithmetic progression 10. Tangent to a circle 11. Probability-2 12. Coordinate geometry-2 13. Areas related to circles 14. Surface area and volumes-2	1. Electricity 2. Magnetic effects of electric current 3. Light, Reflection and refraction 4. The Human Eye & The Colourful World 5. Sources of Energy	1. Chemical Reactions & Equations 2. Acid, Base and Salts 3. Metals and Non-Metals 4. Carbon and its compounds 5. Periodic Classification	1. Nutrition and respiration 2. Transportation and Excretion 3. Control and Co-ordination 4. Reproduction 5. Heredity and Evolution 6. Our Environment 7. Management of Natural Resources

Note : Full Test syllabi will be combined syllabi of Part Tests – I & II

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

Delhi NCR: Delhi (South), Delhi (North West), Delhi (East), Faridabad, Gurgaon, Noida, Ghaziabad **Andhra Pradesh:** Vijayawada, Visakhapatnam
Assam: Guwahati **Bihar:** Bhagalpur, Darbhanga, Gaya, Muzaffarpur, Patna **Chandigarh,** **Chhattisgarh:** Bilai, Raipur **Gujarat:** Ahmedabad, Vadodara **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, Thane, Navi Mumbai, Nagpur, Nashik, Pune, Wardha **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.

www.fiiitjee-distancelearning.com



National Admissions Office (NCRP), FIITJEE House, 29 – A,
 Kalu Sarai, Sarvapriya Vihar, New Delhi-110 016 Ph: 011- 4610 4000
 E-mail: query.ncrp@fiiitjee.com Web: www.fiiitjee-distancelearning.com
 Web: www.fiiitjee.com