

# FIITJEE One Year All India Test Series and Concept Strengthening & Analysis Program for IIT-JEE, 2012

## Schedule of One Year All India Test Series for IIT-JEE, 2012

S.No	TEST	DATES	TIMINGS
1	Part Test - I	October 16, 2011	Paper - 1 - 9:00 am - 12:00 noon Paper - 2 - 2:00 pm - 5:00 pm
2	Part Test - II	November 6, 2011	
3	Part Test - III	November 20, 2011	
4	Full Test - I	December 11, 2011	
5	Full Tests - II* & III*	Test Papers to be mailed to students in 2nd week of December, 2011 for practicing at home	
6	Full Test - IV	January 8, 2012	Paper - 1 - 9:00 am - 12:00 noon Paper - 2 - 2:00 pm - 5:00 pm
7	Full Tests - V* & VI*	Test Papers to be mailed to students in 2nd week of January, 2012 for practicing at home	
8	Full Test - VII	January 15, 2012	Paper - 1 - 9:00 am - 12:00 noon Paper - 2 - 2:00 pm - 5:00 pm
9	<b>OPEN TEST</b>	January 22, 2012	
10	Full Tests - IX* & X*	Test Papers to be handed over to the Students at Test Centre after the Test on 22nd January, 2012 for practicing at home.	
11	Full Test - XI	February 12, 2012	Paper - 1 - 9:00 am - 12:00 noon Paper - 2 - 2:00 pm - 5:00 pm
12	Concept Recapitulation Test Papers (Set - I, II & III)*#	Test Papers to be mailed to students in 2nd week of March, 2012 for practicing at home	
13	Full Test - XII	March 25, 2012	Paper - 1 - 9:00 am - 12:00 noon Paper - 2 - 2:00 pm - 5:00 pm
14	Full Test - XIII	April 1, 2012	
<i>Note : Paper-1 and Paper-2 will each have three separate sections on Physics, Chemistry &amp; Mathematics similar to IIT-JEE pattern.</i>			
15	<b>AIEEE Open Test</b>	April 14, 2012 (Saturday)	Physics, Chemistry & Mathematics (Objective) 2:30 pm to 5:30 pm

**Note:** Open Test is Full Test-VIII.

\*It is suggested that you take all the tests at home during the prescribed timing i.e. Paper-I (9:00 am to 12:00 noon) and Paper-II (2:00 pm to 5:00 pm), 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.

To simulate exam like conditions, following guidelines are suggested:

- ❖ Choose a chair, table and a place to sit undisturbed for test duration.
- ❖ Use only HB pencil and eraser.
- ❖ Approach examination table 15 minutes before start time of Test.
- ❖ Strictly stick to the starting and ending times of your Test, decided before hand. You will be given no extra time whatsoever in IIT-JEE.

#**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 PCM 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.

### TEST CENTRES

Delhi (South), Delhi (North West), Delhi (East), Delhi NCR (Faridabad), Delhi NCR (Gurgaon), Delhi NCR (Noida), Delhi NCR (Ghaziabad), Agra, Ahmedabad, Ajmer, Allahabad, Amritsar, Aurangabad, Bangalore, Bareilly, Bhagalpur, Bathinda, Bhilai, Bhopal, Bhubaneswar, Bokaro, Chandigarh, Chennai, Dehradun, Dhanbad, Durgapur, Gorakhpur, Guwahati, Gwalior, Hisar, Hyderabad, Indore, Jabalpur, Jaipur, Jammu, Jamshedpur, Jhansi, Jodhpur, Kanpur, Karnal, Kharagpur, Kochi, Kolkata, Kota, Lucknow, Ludhiana, Meerut, Mumbai (Sion), Mumbai (Kandivali), Mumbai (Thane), Muzaffarpur, Nagpur, Patiala, Patna, Pune, Ranchi, Rohtak, Rourkela, Shaktinagar (NTPC), Siliguri, Thrissur, Trivandrum, Udaipur, Ujjain, Vadodara, Varanasi, Vijaywada & Vishakapatnam

**Note :** In case of any change in the above schedule due to unforeseen & unavoidable reasons, the same will be put-up on FIITJEE website: [www.fitjee.com](http://www.fitjee.com).

## Schedule of Concept Strengthening & Analysis Program for IIT-JEE, 2012

S.No	TEST	ANALYSIS SESSION ON	TIMINGS
1	Part Test – I	October 23, 2011	10:00 am – 05:00 pm (Sunday)
2	Part Test – II	November 13, 2011	
3	Part Test – III	November 27, 2011	
4	Full Test – I	December 18, 2011	
5	Full Test – IV	January 14, 2012	03:00 pm – 07:00 pm (Saturday)
6	Full Test – VII	January 21, 2012	
7	<b>OPEN TEST</b>	January 28, 2012	
8	Full Test – XI	February 19, 2012	10:00 am – 05:00 pm (Sunday)

### **CONCEPT STRENGTHENING & ANALYSIS PROGRAM (CSAP) CENTRES**

Concept Strengthening & Analysis Program (CSAP) will be conducted at all FIITJEE Study Centre locations and select AITS Test Centres : Delhi {South Delhi (46106000), Punjabi Bagh (45634000) & East Delhi (43002500)}, Delhi NCR {Gurgaon (4628400), Noida (4754800) & Faridabad (4174582)}; Amritsar (3203344); Bangalore (41135682); Bhilai (3205808); Bhopal (4253355); Bhubaneswar (9040634145); Bokaro (325511); Chandigarh (3010043); Chennai (43937100); Dhanbad (6550857); Durgapur (9830968844); Hyderabad (66777000); Indore (4274702); Jaipur (5181883); Kanpur (3010900); Kolkata (30537576); Lucknow (3067183); Mumbai (32666214); Nagpur (6454947); Patna (3299798); Pune (9561832696); Ranchi (2563188); Shaktinagar NTPC (232366); Vadodara (8141287567); Varanasi (6458119); Visakhapatnam (2555501) and also at Kota (1800114242) & Rourkela (033-30537576) as per the given schedule.

**Note :** In case of any change in the above schedule due to unforeseen & unavoidable reasons, the same will be put-up on FIITJEE website: [www.fjitjee.com](http://www.fjitjee.com).

## SYLLABUS

CHEMISTRY	MATHEMATICS	PHYSICS
<b>PART TEST – I</b>		
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
<b>PART TEST – II</b>		
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
<b>PART TEST – III</b>		
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 Tests – I, II & III combined.*

**For current JEE syllabus please refer – [www.jee.iitk.ac.in](http://www.jee.iitk.ac.in)**