

IITs

IIITs

NITs

IISERs

CRACK JEE IN 90 DAYS



WITH

CONFIDENCE



BY

RUDRABHA

(FOUNDER)

THE MATHS PACK

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ABOUT THE AUTHOR



I am Rudrabha Mukherjee, a neoteric reformist and mathematician-trailblazer, working towards making the seemingly dire and distressing subject of mathematics – Well... there's no other way to say it... – EASY! And also restyling it into a trouble-free subject of fun for everyone by innovatively pioneering new-fashioned unorthodox and ground-breaking ways of teaching and comprehending. Having had taught mathematics to students of diverse backgrounds in the past 10 years (I started when I was in standard 6th!). I'm a steadfast believer of teaching students according to their interest and comfort by continuously comprehending their way of absorbing the various nooks and crannies of mathematics and presenting the seemingly gargantuan discipline of Maths through an angle

they can ideally grasp it with and can best savor and relish the MOJA (Bengali for the English word 'Fun') of engaging in it.

The dream that drives me is to convert as many Maths haters into Maths lovers as I can. I have made worthwhile and fulfilling triumph in my strife to do so too, which has solely worked to fuel my efforts and add to my hunger of reaching out to and aiding as many individuals as possible. I am proud to declare that my students have secured gold medals in various competitive events and also include class/school/foundation coaching/zonal toppers. One thing about me that any of my students or friends know for sure is that for mathematics and education I am always with them. It is my passion and if it drives me to go out of my way to help someone, then that's all well and good!

Website: www.themathspack.com (FOUNDER)

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CRACK JEE IN 90 DAYS

SOME NOTE-WORTHY POINTS AND PROMISES BEFORE THE STARTING (MUST READ)



NOTE-WORTHY POINTS & “TERMS AND CONDITIONS”:

- If you seriously want to crack JEE you have to read every single page and every single line. Never ever think for escaping a single line.
- Yes it is like a fix formula for JEE. Read it properly from first line to last line sequentially, follow it sincerely and get into IIT/NIT... simple 😊
- It is not like that after following it for 90 days you need not to be doing anything. Instead my main aim through this book is that you can complete the syllabus well before time with ease so that you will do maximum number of revisions before JEE EXAM. (Read WELCOME TO FINAL LEVEL)

Well I am excited a lot after getting a great response from my first maths book “MATHS GENIUS IN JUST 90 HOURS”. Now I think it will be better

if I write a book on JEE which will help students in best possible manner to crack JEE in due course of time. I have tried to write the book in simplest possible language so that everyone can understand and also had done extensive research on this topic before writing even a single line. I would like to give special thanks to KOTA where I understood what is life, what is competition, how physics, chemistry and maths can become a subject of fun. Also I would like to give thanks to all teachers of KOTA. Why one should read this book? Because it is not written by any JEE TOP RANK ACHIEVER, but it has contribution of failures too. And which also give answer to this question:

Why after putting hard work they do not qualified JEE?

A VERY BIG PROMISE:

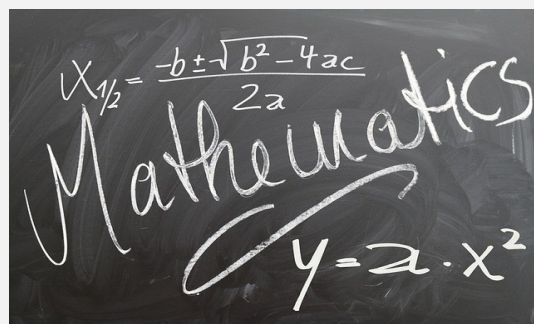


If you read this book line by line without escaping a single page you will see a miraculous change and these are as following:

- COMPLETE THE SYLLABUS IN JUST 90 DAYS. (THEN YOU CAN REVISE AS MANY TIME YOU WANT 😊)
 - YOU WILL SEE A MIRACULOUS CHANGE IN YOUR COACHING RANK JUST WITHIN TWO WEEKS. (IF ENROLLED IN ANY COACHING) 😊
 - SOLVING MATHS BECOME EASIER, PHYSICS BECOME FUN AND CHEMISTRY BECOME EASIEST. 😊
 - WITH A REGULAR STUDY OF 4 (2 hours for maths, 1 hour for physics and 1 hour for chemistry) HOURS (TENTATIVE YOU CAN EVEN EXTEND IT IF REQUIRED) YOU WILL CRACK JEE EASILY. 😊
- (BUT THERE IS AN EXCEPTION THAT WHAT IF EVERYONE READ THIS BOOK HMM THEN EVERYONE WILL CLEAR THE CUTOFF YEAH 😊 BUT WILL GET SHORTLISTED AS PER JEE NORMS LIKE THE QUESTIONS YOU HAVE DONE CORRECT, RATIO OF POSITIVE AND NEGATIVE MARKS, AGE E.T.C.)
- BUT THERE IS A SECRET SSHHH... I WILL REVEAL THAT TOO IN THIS BOOK THAT HOW YOU WILL BE AHEAD OF OTHERS😊.

SO HERE WE GO...

HOW TO MAKE MATHS EASY FOR JEE?



Well.. for me it is the easiest task to explain “How to make maths the easiest subject?” because I am working on this for last 10 years and also have founded THE MATHS PACK (www.themathspack.com) for this very reason. ☺

As we know that every finger is not equal like that grasping power, clarity of fundamentals are also varies from student to student.

So I have divided this section in three parts:

1. First type students (Who are facing hard time with maths)
2. Second type students (Who are mathematics genius)
3. Third type students (Who have love for maths or like it more than physics and chemistry but ultimately an average scorer)

Q. Do you want to know in which category I was at the time of preparation?

Ans. Initially at 1st then become 3rd and then... ☺ I guess you have got the hint. Right? If not leave it and read further.

**MAKE SURE IF YOU HAVE ANY DOUBT OR QUESTION
PLEASE VISIT :**

www.themathspack.com

**HOW 1ST TYPE STUDENTS WILL MOVE TO 3RD THEN
2ND ?**

Well you are amongst those people who are facing hard times with maths. So I have some simple principle which if you follow you will be in Second category after 90 days. Principle:

1ST : MAKE YOUR BASIC CLEAR FIRST

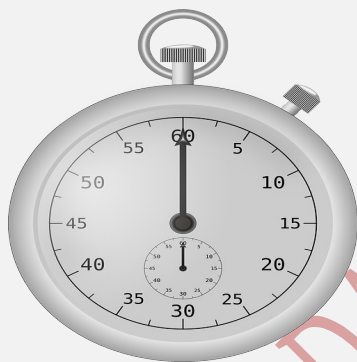
How to do that?

First take R.S.AGARWAL for schools of class XI and XII. Now solve it. But wait so many questions are there if you solve one by one in old fashioned manner then how should it will get completed in the due course of time?

HERE IS THE WAY

First read the theory from it then you have to solve only solved examples yes using stopwatch.

STOPWATCH METHOD



So the proper way is just try to solve the question by your own within 2-3 minutes and if you are unable to do so then read the solution now again solve it within the time limit. Now with this technique you will be able to solve 20-30 questions in an hour.

Please devote 1 -1.5 hours for solving and 0.5-1 hours for analyzing it. Total 2 hours per-day. ATLEAST

THEN FOR MOVING TO 3RD TYPE :

Now after solving XI and XII refer three books:

- R.D.SHARMA OBJECTIVE VOL.1 & VOL.2
- PLAY WITH GRAPHS BY ARIHANT PUBLICATIONS
- PREVIOUS YEAR QUESTION PAPERS WITH THE SOLUTIONS (You can also visit www.themathspack.com for the same)

PROCEDURE :

Just pick up the first part of R D SHARMA OBJECTIVE (make sure your basics are clear) read the theory and illustrations given initially on all the chapters. Just read them thoroughly and solve the solved examples using stopwatch method. (Discussed earlier) and follow the same pattern. When you complete functions, limits then consult “PLAY WITH GRAPHS”. Just read it thoroughly. Then start solving the JEE MAIN ASKED QUESTIONS using the same stopwatch method. Just follow it and see the miraculous change.

NOW HOW TO BECOME MATHS GENIUS?

- **MATHS IS A GAME OF CONSISTENT PRACTICE.**
- **REPEATATION LEADS TO MEMORIZATION. (FOR FORMULA, THEOREMS)**
- **JUST PRACTICE IF YOU FAIL INITIALLY STILL DO IT.**

HOW TO BECOME MATHS GENIUS FOR JEE (2ND TYPE)

?

- **NOW SOLVE JEE ADVANCE ASKED QUESTIONS WITH STOPWATCH METHOD.**

- **SOLVE FULL R.D.SHARMA OBJECTIVE/COACHING'S MATERIALS WITH STOPWATCH METHOD. = JEE MATHS SUPERSTAR**

HOW TO BECOME PHYSICS MASTER?



For some people it is amongst the very hard subject but believe me if you are following the following methods you will become physics master for sure.

As we know that every finger is not equal like that grasping power, clarity of fundamentals are also varies from student to student.

So I have divided this section in three parts:

1. First type students (Who are facing hard time with physics)
2. Second type students (Who are physics master)
3. Third type students (Who have love for physics or like it more than maths and chemistry but ultimately an average scorer)

MAKE SURE IF YOU HAVE ANY DOUBT OR QUESTION

PLEASE VISIT :

www.themathspack.com

HOW 1ST TYPE STUDENTS WILL MOVE TO 3RD THEN

2ND ?

Well you are amongst those people are facing hard times with physics. So I have some simple principle which if you follow you will be in Second category after 90 days. Principle:

1ST: MAKE YOUR BASIC CLEAR FIRST

How to do that?

First take PRADEEP and H C VERMA for schools of class XI and XII. Now just read it. But wait so many questions are there so will you have to solve every question? No you don't have to solve even a single question from PRADEEP but you have to solve the question of H C VERMA. But how?

HERE IS THE WAY

First read the theory from both then you have to solve exercise of H C VERMA using stopwatch.

STOPWATCH METHOD

So the proper way is just try to solve the question by your own within 2-3 minutes and if you are unable to do so then read the solution now again solve it within the time limit. Now with this technique you will be able to solve 20-30 questions in an hour.

Please devote 1 hour per-day. (WAY first read theory then do the questions) ATLEAST

THEN FOR MOVING TO 3RD TYPE :

Now after solving XI and XII refer two books:

- JEE MAINS ASKED QUESTIONS WITH SOLUTIONS (you can also visit: www.themathspack.com for the same)

PROCEDURE :

Solve JEE MAIN ASKED QUESTIONS using the same stopwatch method. Just follow it and see the miraculous change.

NOW HOW TO BECOME PHYSICS MASTER?

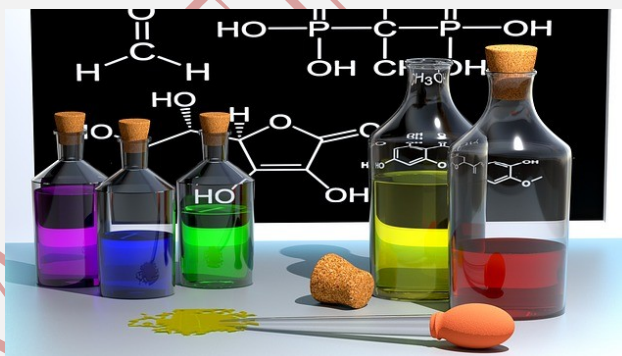
- PHYSICS IS A GAME OF CONCEPT AND CONSISTENT PRACTICE.
- REPEATATION LEADS TO MEMORIZATION. (FOR FORMULA, THEOREMS)
- JUST PRACTICE IF YOU FAIL INITIALLY STILL DO IT.

HOW TO BECOME PHYSICS MASTER FOR JEE (2ND TYPE) ?

- NOW SOLVE JEE ADVANCE ASKED QUESTIONS WITH STOPWATCH METHOD.

- **SOLVE FULL D.C.PANDEY SERIES/COACHING'S MATERIALS WITH STOPWATCH METHOD. = JEE PHYSICS MASTER**

HOW TO BECOME CHEMISTRY SUPERSTAR FOR JEE?



Chemistry ohh god most of the students do not like it. And yes I was one of them initially. Yes

I was a big zero in chemistry when I was in CLASS XI and XII. But when I went to KOTA and taught by teachers in a unique manner it

became the easiest subject for me. I was surprised yeah that how just few months ago benzene was a headache for me but then after when I got classes at KOTA even reaction mechanism, inorganic chemistry was a matter of fun to me.

Now that doesn't matter how it happens to me? But it is more important to know how you will master chemistry with ease. Isn't?

HERE WE GO...

So I have divided this section in three parts:

1. First type students (Who are facing hard time with chemistry)
2. Second type students (Who are chemistry superstar)
3. Third type students (Who have love for chemistry or like it more than maths and physics but ultimately an average scorer)

**MAKE SURE IF YOU HAVE ANY DOUBT OR QUESTION
PLEASE VISIT :**

www.themathspack.com

HOW 1ST TYPE STUDENTS WILL MOVE TO 3RD THEN

2ND ?

Well you are amongst those people are facing hard times with chemistry. So I have some simple principle which if you follow you will be in Second category after 90 days. Principle:

1ST: MAKE YOUR BASIC CLEAR FIRST

How to do that?

First take PRADEEP for schools of class XI and XII. Now just read it. But wait so many questions are there so will you have to solve every question? No you don't have to solve even a single question from PRADEEP but you have to solve the question of N.C.E.R.T. But how?

HERE IS THE WAY

First read the theory from PRADEEP then you have to answers the question of exercise question of N.C.E.R.T using stopwatch.

STOPWATCH METHOD FOR PHYSICAL CHEMISTRY

So the proper way is just try to solve the question by your own within 2-3 minutes and if you are unable to do so then read the solution now again solve it within the time limit. Now with this technique you will be able to solve 20-30 questions in an hour.

Please devote 1 hour per-day. (WAY first read theory then do the questions) ATLEAST

THEN FOR MOVING TO 3RD TYPE :

Now after finishing class XI and XII refer:

- R.C.MUKHERJEE FOR PHYSICAL CHEMISTRY.
- JEE MAINS ASKED QUESTIONS WITH SOLUTIONS (you can also visit: www.themathspack.com for the same)

PROCEDURE :

Solve JEE MAIN ASKED QUESTIONS using the same stopwatch method. Just follow it and see the miraculous change.

NOW HOW TO BECOME CHEMISTRY SUPERSTAR?

- CHEMISTRY IS A GAME OF PRACTICE AND REVISION.
- REPEATATION LEADS TO MEMORIZATION. (FOR FORMULA, NOMENCLATURES, REACTION MECHANISM)
- JUST PRACTICE AND REVISE IF YOU FAIL INITIALLY STILL DO IT.

HOW TO BECOME CHEMISTRY SUPERSTAR FOR JEE (2ND TYPE) ?

- **NOW SOLVE JEE ADVANCE ASKED QUESTIONS WITH STOPWATCH METHOD.**
- **SOLVE FULL N.C.E.R.T/COACHING'S MATERIALS WITH STOPWATCH METHOD. = JEE CHEMISTRY SUPERSTAR**

HOW TO BECOME RAJNIKANT FOR JEE ?

There was a friend of mine at Kota. He was a great guy with proper planning and hard-work like characteristics and his name was Rajnikant. He was very genius and one day I have asked

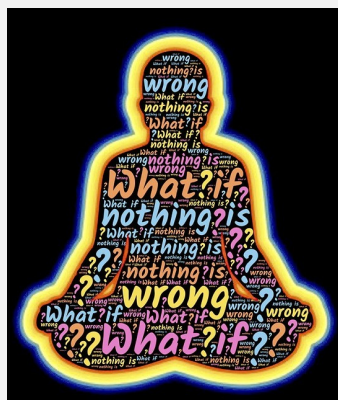
“What is the secret that you always get rank within top 5 in your coaching tests?”.

When we are crying madly for JEE because of the level of question asked is many times beyond our reach. So how you manage all these? Even you are also managing your girlfriend! How?

He replied:

Though managing girlfriend is harder than solving the question of JEE (I was irritated with this reply for me at that time PCM was harder than girlfriend issues because you have substitute for it but not for physics, chemistry and maths) but as you are like my brother and you have helped me a lot in maths I am going to tell you everything in details.

- First I use to do everything within specific time limit. (STOPWATCH METHOD)
- I believe that it is better to revise two books five times than 10 books for once. (Don't go with the numbers just observe the lesson)
- I practice a lot and if I will do all the questions wrong during practice I will check the solution and will do it again but I will not become hopeless for the same.
- I do meditation for 20 minutes on regular basis.



BENEFITS:

- **Your retention power will increase.**
- **Your memory power will increase.**
- **A common problem:**

Generally when we sit for study we do only 40% effective study yes. ☹ Remaining 60% goes into other thoughts like day-dreaming, what my friends are doing; will I be able to crack JEE or not? Bla bla bla... But if you are meditating on regular basis your focus will grow **AUTOMATICALLY after 21 days you will see the change it is exactly like sharpening your knife so that you can cut vegetables easily and the more you meditate the more focus you will have. (Never discontinue it)**

HOW TO DO MEDITATION?



First sit comfortably and interlock your fingers palm facing the sky and set alarm for 21 minutes. Take a handkerchief close your eyes and tie it. Just observe your breath don't do counting or any japa just observe your breath that is coming inside going outside. This technique is very simple yet extremely powerful for everyone. Do it and see the magic.

AND I HAVE GONE THROUGH FOLLOWING DATA ON SMART STUDY WAYS AND HOW TO BECOME SUPER-HUMAN? . I AM SHARING THAT DATA TO YOU:

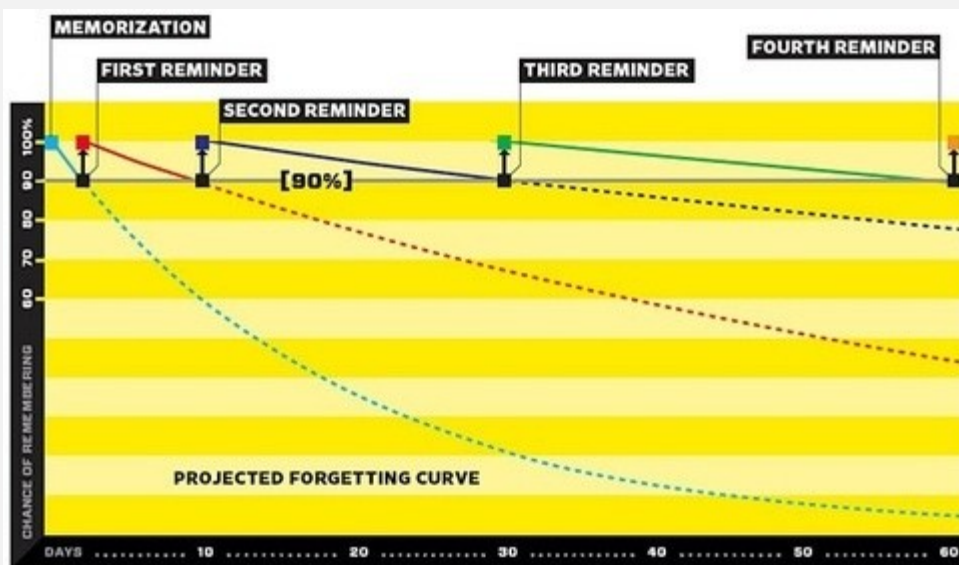
(Taken from www.themathspack.com)

BEST STUDY TECHNIQUE FOR ANY EXAM

There are two important concepts worth sharing before I describe study method. The first concept is about memory graph and the second one is about concentration span.

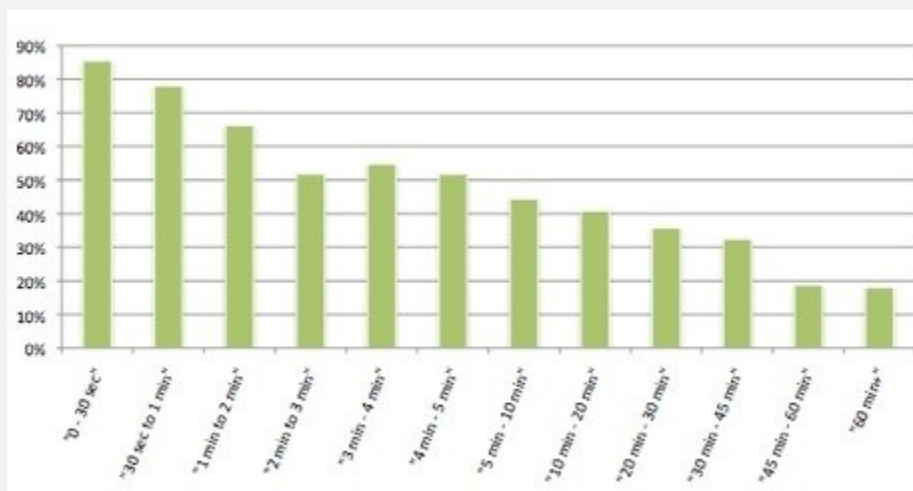
The Human Memory Graph

The concept is when you read something, your memory of what you read or heard is almost alive. If we represent this with graph it is horizontally at 100%, and it slowly declines over time. When you review it after one day, memory connections are strengthened. Now it's declination is very slow as compared to without review. This speed decreases with every review of the thing you want to remember. It is explained in the graph given below.



Instead of memorizing, try setting a review plan without any tension and be relaxed. Read with concentration, and then leave it. Read again in the evening, then again the next day, and then again the next week. Test yourself on the 15th day, and then review after one month. You'll notice that your memory, of what you heard, read, or listened, will not decline so easy now plus you remember most of it including subtle details related to or within the material.

The Human Attention Span



As it's clear from this graph, the human attention span is at 30% after 45 minutes. Mostly, that is the length of one class for schools below university level. In universities it is increased to one hour or more. You can improve your attention span by increasing the time slowly, but it is better to take a short break (~5 minutes) after about an hour of focused study. The short break will allow you to regain about 90% of your attention span.

Another important thing regarding memory is reading a topic from many sources. It has two benefits, less boredom and many different aspects of the same scenario. Later one increases latency of information from different areas of mind when required. The more connections your brain makes with the information, the more likely it will stick in your mind.

- Another important consideration is the productive hours. It may be different for few people but mostly early morning is the most productive time.
- Remember to keep the room temperature a little warm. It will help in focusing.

After a lot of study about how to study, I devised a plan, which was refined over time according to the results. Now here is a refined plan, in which are inherent many researches and experiences I have come across during or after that 2 year study period. I have always been interested in education, human evolution and psychology.

When you want to be confident about some topic or field of study first read about the input and output, end results, its uses, how it works and why you are into it and then dive into.

Planning and managing your study

1. Define a Study Schedule;

I scheduled 11 hours for study per day. It is the first step to success. I was studying, and interested in it, so I was giving most of my time to studying. You may schedule less than 11 hours of course. I was in a poor family. I knew that without hard-work, I would not be able to reach the level of success I was striving for. After getting a winning position in exam results I got 100%

scholarship in DELHI PUBLIC SCHOOL for class 11 on APRIL 2011.

2. Humans can concentrate for 40 minutes on a subject, or maximum 1 hour.
3. Do change your study material/subject after every 40 minutes or 1 hour. But later on you can increase this time slowly to 2 hours. I did this. Start on your daily schedule by learning new things, learning new things at start gives you hope and makes you motivated.
4. Don't start one subject or module after the other.

Take a break of 5 to ten minutes. During your break time eat some chocolate, fruits, and vitamins. Get out of your seat and get your blood flowing by walking around or doing a few sit-ups, push-ups, or jumping jacks. Even better, step outside to get a breath of fresh air and enjoy nature. This is a right click and refresh for you on your desktop to start another application.

2. Study each subject three times a day; design your schedule such that every subject has 3 shifts per day. Take notes in the first shift, and rehearse them in second shift and so on. Notes taken should not be an exact copy of the book text.

3. Re-allocate time for your modules in your schedule after every (maximum of) two weeks. Or test yourself after one week and review your schedule; focus on areas you need work in based on the results of your self-testing. Test yourself sometime in the middle of a study schedule in a day.

4. Remember to review topics of this day you have studied, at the end of study time table.

8. Second day, start with looking at the topics of the last day. But never do an exam at the start of study time. After you review the previous day's materials, move on to learning new things. Later chapters in books mostly have references from former ones. Increase difficulty slowly from start to end. A basic rule in all of our lives.

9. Do some statistics on important and less important subjects or difficult and easy subjects and divide time with statistics methods.

For example by first assigning the difficulty level to each subject like 40% and 60% etc.

10.If studying something which could be easily implemented in home or lab, don't miss it. I, when studying biology, had tried to produce a new family of a tree though it was just a try and nothing resulted. I have been programming to simulate the physics concepts which helped a lot.

Subject specific study techniques

1. For math subjects, try to solve a question, if you fail, just do it with your hands by looking at some help book. After you finish copying by hands, you will infer what was missing. This is called learning with hands not mind. This is because some time an answer tells you about the solution in math.
2. For physics subjects, start with writing the topics equation, prove it on paper same as stated above in (math method), then start with the theory. Attach equation with the topic.

3. For English, write difficult words on the note book. Learn them first.
4. For theory subjects, read a lot on the same topic from different sources, read the topic on book, leave it. Now read it on Wikipedia and leave it. Learn it on some other book. This is easy and very useful method. Don't try to learn from your book only this will bore you and you won't remember well

Exam Tips

1. End preparing for exams about one week before. Design your exams timetable so that your intense preparation ends about one week before the first day of paper. This will help in
2. Tension free preparation. Inside your heart you know I have one week, as a backup.
3. One week extra preparation. The last EXTRA week is now more valuable than one month. Everything you will do in this week will be extra and very motivational for you.
4. If there is 2, 3 days break between papers, don't stick with one subject. As mentioned above it kills productive study and focus.

Change study module for the sake of attaining mind focus and refreshment, at least.

5. Review your notes the day before paper. This will give you an overview of all topics plus strengthening the memory connections for those topics.
6. After paper is over, don't throw the question paper into dust bin, thinking that it's gone now. It can help your mind settle down. Read and examine how much you did correctly.
7. Keep calculating marks you obtained in each paper and adding to total. It will motivate you, like we do in scoring games.
8. Don't forget the one and only solution for refreshment and energy of mind, the exercise and healthy foods in exams.

Miscellaneous facts

1. Don't listen to love music or such type of songs. Listen to some good motivational music like "K'NAAN – WAVIN' FLAG" (Wavin' Flag.)
2. Do take some time for spirituality or loneliness, for many reasons it's important.
3. Play some sports or exercise, not too much.
4. Eat different things in daily life and especially in break times.

5. Listen to news for some time. If learning English, listen to BBC.
6. Play with children, they are also learning, observe them and their interest.
7. Do spend some time with family and share your status.
8. If possible, do have some time to teach someone. It will be best, if you can teach what you are learning yourself.
9. For your tasks apart from study, make a to-do list. It's very important to lessen the distraction and burden from your mind.
10. Understanding the problem, half solves it.
11. Imagine your success every day, imagine the future. You are investing on your future.
12. Spread knowledge. ALL THE BEST FOR FUTURE ENDEAVORS.

7 WAYS TO BECOME SUPER HUMAN

1. CHOOSE ONE TASK AND COMMIT TO IT.

“Single tasking obliges you to do one thing at a time, excluding any other demands at that moment,” Zack says. “This means you must stand firm and genuinely commit to your choices.”

This doesn’t mean that you need to stick with a single task until it is completed, she adds—few of us have the scheduling freedom for that. What she does suggest is picking a specific amount of time to work on a given task and sticking to it for that much time.

I believe that approach is the power of the highly popular Pomodoro Technique, in which you work on a given task for 25 minutes at a time (one “pomodoro”) and then take a five-minute break. Whether you use pomodoros or not, focusing on one task at a time is a highly powerful thing to do, especially if you’ve got a tough job to complete.

2. PICK A PLACE TO PARK DISTRACTING INSPIRATIONS.

You know what I mean. You're in the middle of writing an email to a client and suddenly a bright idea for how to pitch another client pops into your head. If you're a multitasker, your response is to open a new email and start writing that second pitch while it's fresh in your mind.

The wiser approach is to designate a handy place to leave notes to yourself so that you don't lose your brilliant ideas and can come back to them later while keeping your focus on the task at hand. Ideally, you should quickly switch to a different screen (or pull out a nearby notepad), jot down a few words or a sentence that will help you remember your bright idea, and then go right back to what you were doing. Zack uses her smart phone for this purpose; I use Evernote. Whatever method you choose, it should be quick, near to hand, intuitive for you, and as brief an interruption as possible.

3.GIVE YOURSELF THE GIFT OF DISTRACTION-FREE TIME.

"It's up to you to control your environment—to 'build fences' to keep potential distractions, such as noise and pop-ups, at bay," Zack says. It's easy to blame your co-workers (or the people you live with, if you work at home) when they distract you. It's also easy to blame

your technology for distracting you—the incoming email or Facebook notification that bings or buzzes, the incoming phone call or text.

The fact is, being distracted or not is mostly within your control. If you have an office with a door, close that door during conference calls, while working on projects, and other times you need want to focus on a single task (which should be most of the time). If you work in a cubicle or your office has an open floor plan, use a sticky note or some other means to signal that you don't want to be disturbed right now. And you can block calls, texts, and other such distractions by closing your email window and silencing your phone's notifications.

4.PERFORM RELATED TASKS IN CLUSTERS.

Answering email messages, texts, and social media messages as they arrive is a great way to abandon your focus and get that addictive dopamine craving filled. Resist the temptation by relegating certain tasks to certain periods or times of the day. For instance, you might limit reading and answering email to three times: when you start work in the morning, at lunch time, and right before you stop for the

day, Zack suggests. That way, email won't interrupt you the rest of the time.

It's also smart to cluster tasks by topic because that will help you increase focus. You may be receiving email about many different projects or sales opportunities. If you respond to them project by project, instead of in the order they arrive, you'll be able to focus better on each overall topic.

5. GROW YOUR ATTENTION SPAN WITH A LITTLE QUIET TIME.

The average human attention span is eight seconds, Zack says. "This is one second less than the attention span of a goldfish," she notes. One reason is that modern humans can satisfy our own desire for distraction every waking moment and are never alone with our thoughts.

So fight that tendency by scheduling a few minutes of introspective quiet time into your daily or weekly routine. Formal meditation is one way to achieve this, but so is this simple five-minute exercise. Just giving yourself a few minutes to daydream works too.

6. BECOME A MASTER AT SAYING NO.

None of us like saying no, and all of us like to think we can take on one more project, one more volunteer task, one more social engagement. But that's a recipe for disaster, Zack warns. Instead, she says, we must learn to say no gracefully.

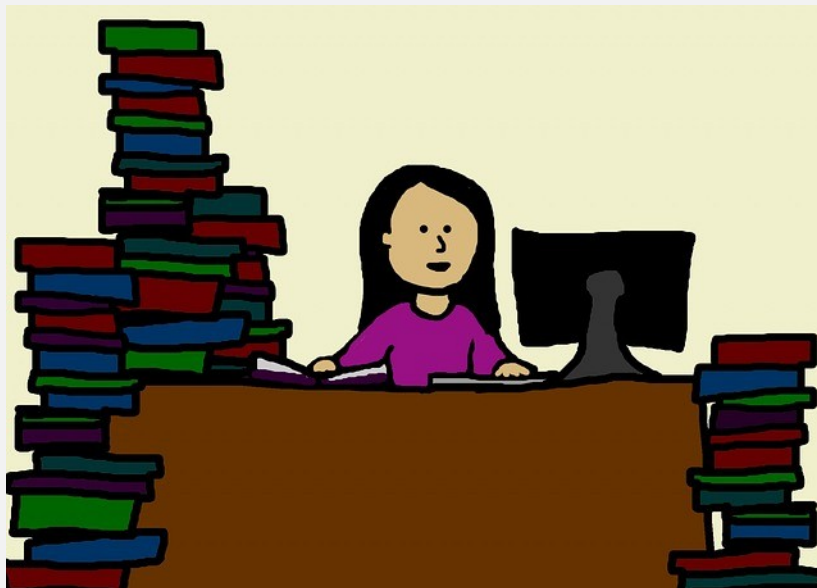
"It's perfectly fine, even responsible, not to respond to every request immediately," she says. And saying no doesn't make you selfish. "‘No, I can't right now,’ is not equivalent to ‘No I won't ever do it,’" she adds. "What you're really saying is that, just as you're committed to your current obligation, you'll be equally committed to their request when the time comes." (And if you're wondering which tasks to say no to, this approach to streamlining may help.)

7. ASK THE PEOPLE AROUND YOU TO HOLD YOU ACCOUNTABLE FOR FOCUSING.

"Old habits die hard," Zack notes. "From time to time, you'll almost certainly go back to your old ways, reverting to task-switching. So ask your family, friends, and co-workers to call you out."

Not only will this help keep you honest about focusing on one task at a time; it will have extra benefits as well. If the people in your life understand that you're trying to build focus—and that you want their help in that effort—they'll be in your corner to help make that happen. Besides holding you to your no-distraction plan, they may look for ways to keep distractions from reaching you. They may even think twice before distracting you themselves.

HOW TO CRACK JEE IN 90 DAYS?



First step is you have to choose the priority of topics as per your weakness and strength. First you must have to go through the past JEE ANALYSIS if you really want to crack JEE in just 90 days and also for better reference:

JEE (Main) 2015

A Detailed Analysis (Cut-off, Answer Key, Solution and Subject-Wise Discussion)

On 4th April 2015, JEE (Main) 2015 was conducted for students opting to take this exam by offline mode. This is the third edition of this exams after wide ranging changes were introduced 2 years ago by CBSE and Ministry of HRD. Over 13 Lakh students have filled application form for JEE (Main) 2015 in offline and online modes this year. JEE (Main) 2015 was conducted in two parts (Paper 1 and Paper 2).

Paper 1 was conducted from 9:30 AM to 12:30 PM and Paper 2 for B. Arch. Aspirants was conducted from 2 PM to 5 PM. Paper 1 of JEE (Main) was for students vying for engineering seats in Engineering colleges, while paper 2 this Exam was for students willing for B. Arch degrees across India. The Analysis below pertains to only Paper 1, which was for Engineering Aspirants.

Overall Marks Distribution

The paper pattern for JEE (Main) 2015 was same as last year. The paper had 90 questions each worth 4 marks. All questions were objective type with single correct option. Subject wise each subject had 30 questions of 120 marks.

Subject	Class 11		Class 12		Total	
	Total Qu es.	Total Mar ks	Total Qu es.	Total Mar ks	Total Qu es.	Total Mar ks
Chemist ry	10	40	20	80	30	120
Mathem atics	16	64	14	56	30	120
Physics	13	52	17	68	30	120

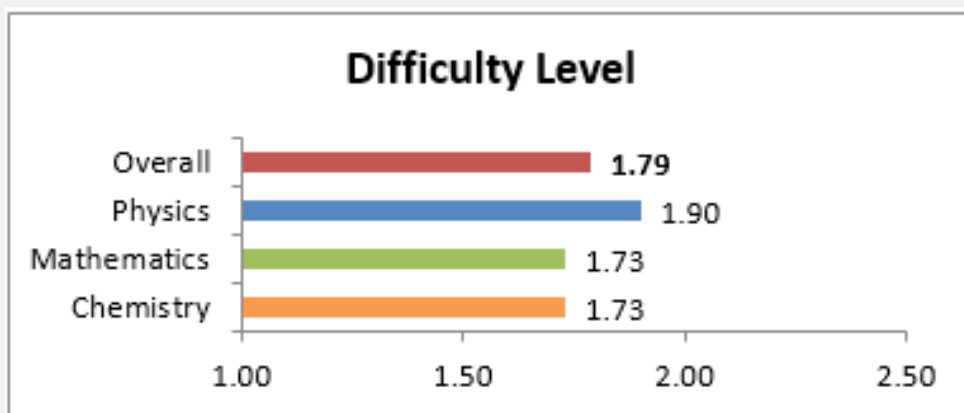
Grand Total	39	156	51	204	90	360
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Overall Difficulty Level Analysis

In this detailed analysis of Jee Paper we have rated every question on a scale of 1 to 3. The ratings are done by expert faculty. The individual ratings are then averaged to calculate overall difficulty level.

- 1: Easy
- 2: Moderate
- 3: Difficult

Subject	Difficulty Level
Chemistry	1.73
Mathematics	1.73
Physics	1.90
Overall Average	1.79



Difficulty Level Analysis: No of Questions

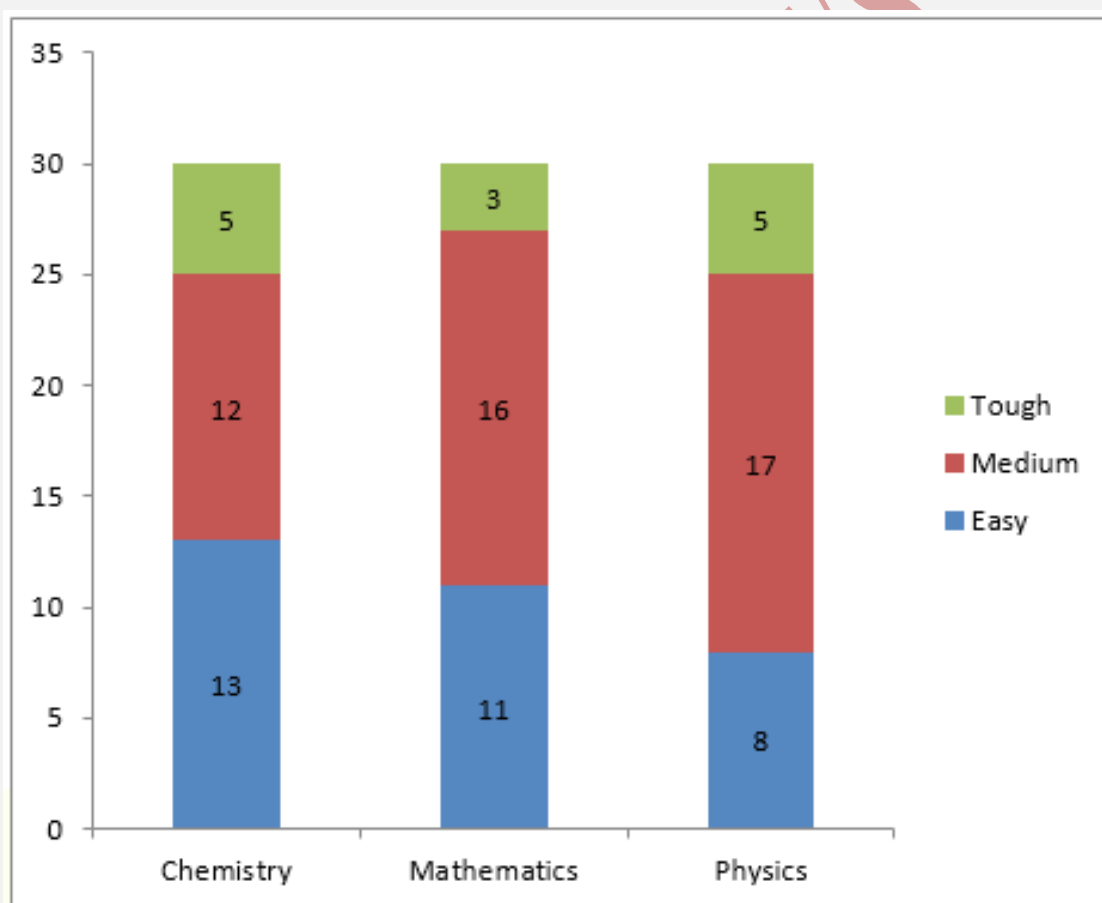
Subject	Easy Level		Medium Level		Difficult Level	
	Total Questions.	Total Marks	Total Questions.	Total Marks	Total Questions.	Total Marks
Chemistry	13	52	12	48	5	20
Mathematics	11	44	16	64	3	12
Physics	8	32	17	68	5	20
Grand Total	32	128	45	180	13	52

Experts feel that all subjects were of similar difficulty level, while Physics was on tougher side compared with Chemistry &

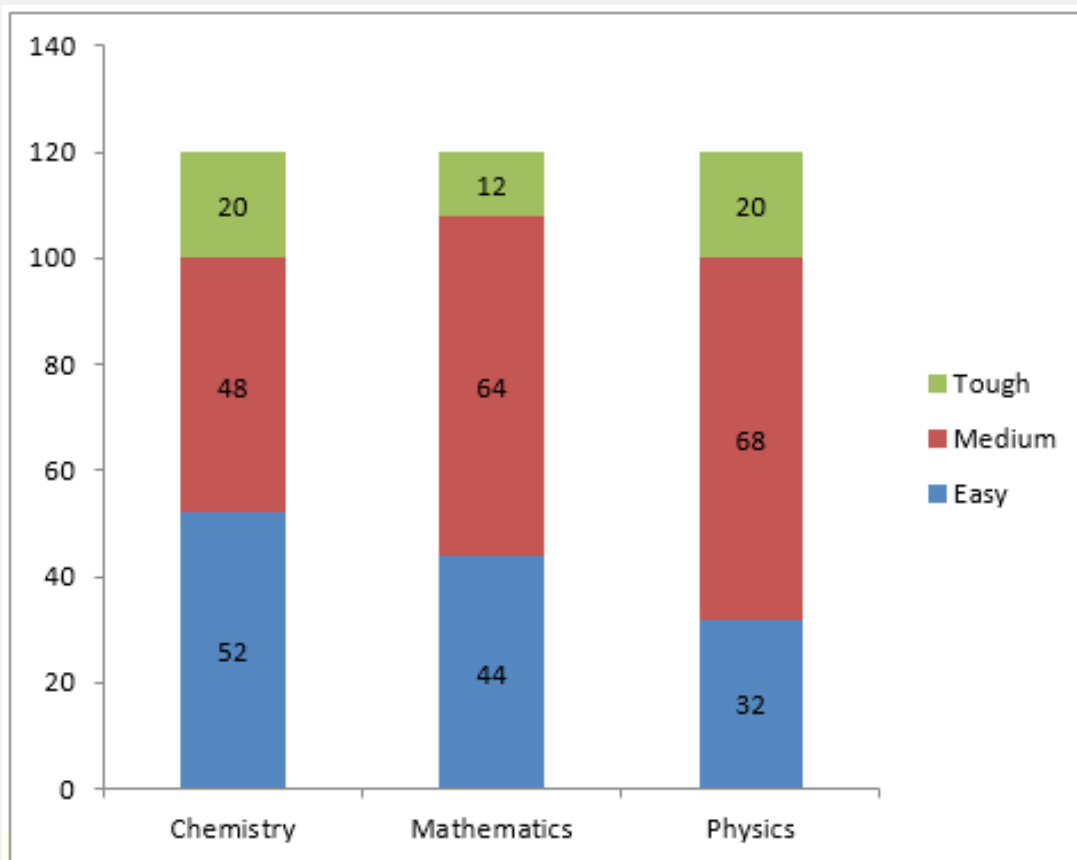
Mathematics. While around 128 Marks can be considered easy overall, 180 marks are relatively difficulty and 52 marks are considered difficult.

Overall, it is felt that while paper is moderately difficulty, the cut-off may remain same as last year.

Question Wise Difficulty Breakup



Mark Wise Difficulty Breakup



Physics Analysis

Topic wise Allocation of Marks

UNIT & TOPIC NAME	NO OF QUESTION	TOTAL MARKS	% WEIGHTAGE
Current Electricity	2	8	6.7%
Ohms Law	1	4	3.3%
Kirchoff's Law	1	4	3.3%
Electro	2	8	6.7%

Magnetic Induction			
LR Circuit	1	4	3.3%
LC Oscillation	1	4	3.3%
Electrostatics	2	8	6.7%
Lines of Force	1	4	3.3%
Electric Potential	1	4	3.3%
Geometrical Optics	1	4	3.3%
Prism	1	4	3.3%
Modern Physics	2	8	6.7%
Modern Physics	1	4	3.3%
Bohr Model	1	4	3.3%
Simple Harmonic Motion	1	4	3.3%
Simple Harmonic	1	4	3.3%

Motion			
Sound Waves	1	4	3.3%
Doppler	1	4	3.3%
Mechanics	8	32	26.7%
Elasticity	1	4	3.3%
Relative Motion	1	4	3.3%
Error in Measurement	1	4	3.3%
Friction	1	4	3.3%
Centre of Mass	2	8	6.7%
Rigid Body Dynamics	1	4	3.3%
Gravitation	1	4	3.3%
Heat & Thermodynamic s	3	12	10.0%
KTG & First Law of Thermodynami	2	8	6.7%

CS			
KTG & Second Law of Thermodynamics	1	4	3.3%
Capacitor	1	4	3.3%
Circuits	1	4	3.3%
Electro Magnetic Field & Forces	3	12	10.0%
Force on Loop	1	4	3.3%
Force on Straight Wire	1	4	3.3%
Torque on Loop	1	4	3.3%
Electromagnetic waves	1	4	3.3%
Intensity	1	4	3.3%
Wave Optics	2	8	6.7%
Huygen's Principle	1	4	3.3%

Resolving Power	1	4	3.3%
Principles of Communications	1	4	3.3%
Modulation	1	4	3.3%
GRAND TOTAL	30	120	100%

Chemistry Analysis

Topic wise Allocation of Marks

Unit & Topic Name	No of Question	Total Marks	% Weightage
Inorganic Chemistry	11	44	36.67%
Chemical Bonding	2	8	6.67%
d-block & f-block	1	4	3.33%
Metallurgy	1	4	3.33%
p-block	3	12	10.00%
Periodic Table	1	4	3.33%

& Periodicity in Properties			
Qualitative Analysis	1	4	3.33%
s-block	1	4	3.33%
Transition Elements and Coordination Chemistry	1	4	3.33%
Organic Chemistry	9	36	30.00%
Alkyl Halide, Alcohol & Ether	2	8	6.67%
Aromatic Compound	1	4	3.33%
Carbohydrates, Amino Acids and Polymers	1	4	3.33%
IUPAC & Isomerism	2	8	6.67%
Practical	3	12	10.00%

Organic Chemistry			
Physical Chemistry	10	40	33.33%
Atomic Structure	1	4	3.33%
Chemical Equilibrium	1	4	3.33%
Chemical Kinetics	1	4	3.33%
Electrochemistry	1	4	3.33%
Mole Concept	1	4	3.33%
Solid State	1	4	3.33%
Solution & Colligative Properties	1	4	3.33%
Surface Chemistry	2	8	6.67%
Thermodynamics	1	4	3.33%

cs & Thermochemist ry			
GRAND TOTAL	30	120	100.00%

Mathematic Analysis

Topic wise Allocation of Marks

Unit & Topic Name	No of Question	Total Marks	% Weightage
Area under curve	1	4	3.3%
Area Between two Curves	1	4	3.3%
Circle	1	4	3.3%
Position of Two Circles	1	4	3.3%
Complex Numbers	1	4	3.3%
Properties of Modulus	1	4	3.3%
Differential	1	4	3.3%

equation			
Linear Differential Equation	1	4	3.3%
Ellipse	1	4	3.3%
Tangents	1	4	3.3%
Parabola	1	4	3.3%
Parametric Coordinates	1	4	3.3%
Probability	1	4	3.3%
Classical Probability	1	4	3.3%
Quadratic Equation	1	4	3.3%
Relation Between Roots & Coefficients	1	4	3.3%
Matrix & Determinants	2	8	6.7%

Multiplication of Matrices	1	4	3.3%
Cramer's Rule	1	4	3.3%
Permutation & Combination	1	4	3.3%
Fundamental Theorem of Counting	1	4	3.3%
Binomial Theorem	1	4	3.3%
Summation of Series	1	4	3.3%
Sequence & Series	2	8	6.7%
Geometric Mean	1	4	3.3%
Miscellaneous Series	1	4	3.3%
Vector	1	4	3.3%
Vector Triple	1	4	3.3%

Product			
Statistics	1	4	3.3%
Mean	1	4	3.3%
Mathematical Reasoning	1	4	3.3%
Negation	1	4	3.3%
Vector & 3-D	2	8	6.7%
Family of Planes	1	4	3.3%
Intersection of Plane and Line	1	4	3.3%
Inverse Trigonometric function	1	4	3.3%
Addition of Inverse Trigonometric Function	1	4	3.3%
Sets &	1	4	3.3%

Relation			
Subset	1	4	3.3%
Limit of function	1	4	3.3%
Standard Limit	1	4	3.3%
Continuity & Derivability	1	4	3.3%
Differentiability	1	4	3.3%
Tangents, Normal & Applications	1	4	3.3%
Normal at a Point	1	4	3.3%
Application of Derivatives	1	4	3.3%
Maxima & Minima	1	4	3.3%
Indefinite	1	4	3.3%

integration			
Substitution	1	4	3.3%
Definite integration	1	4	3.3%
Properties of DI	1	4	3.3%
Straight Line	2	8	6.7%
Position of Point	1	4	3.3%
Family of Planes	1	4	3.3%
Height & distance	1	4	3.3%
Angle of Elevation	1	4	3.3%
Grand Total	30	120	100.0%

Expected Cut-off

JEE (Main) 2015: Tentative[#] Cut-off Table for JEE (Advanced) 2015

Categor y	% Reservation	Total Seats	Cut-off Marks*	% Cutoff
Open	50.5%	75,750	114	31.67%
OBC	27.0%	40,500	72	20.00%
SC	15.0%	22,500	51	14.17%
ST	7.5%	11250	46	12.78%
Total	100.0%	150000		

* For Qualification in JEE (Advanced), if student is also in Top-20 % of his/her Board in Class 12 or Minimum of 75% marks in Class 12.

JEE (Advanced) 2015

A Detailed Analysis (Cut-off, Answer Key, Solution and Subject-Wise Discussion)

After introducing major changes in IIT Admission Process in 2013, on 24-May-2015 (Sunday) JEE Advanced 2015, stage-2 for IIT Admission Process was conducted. 1.52 Lakh students were selected

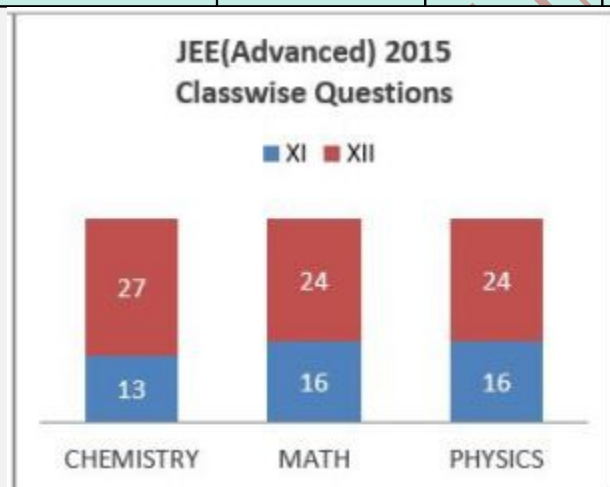
to appear for this exam, although only 1.22 Lakh students were eligible to sit for exam based on various pre criteria. As earlier IIT-JEE Examinations, JEE (Advanced) 2015 was conducted in two parts (Paper 1 & Paper 2). Paper 1 was conducted from 9 AM to 12 PM and Paper 2 was conducted from 2 PM to 5 PM.

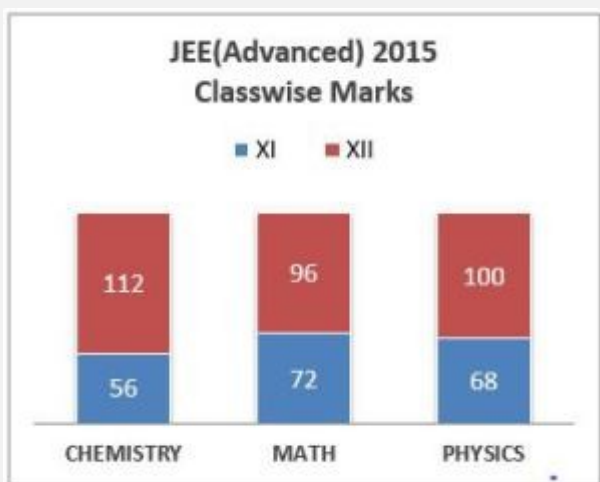
Overall Marks Distribution

In Paper I & II both, Total 60 Questions were asked. 20 Questions from Each Subject were asked. First paper was of 264 marks while paper two was of 240 marks. Each subject was of 168 marks overall. Total marks for both paper combined were 504. Total 196 marks questions were from class 11th syllabus and 308 marks questions were from class 12th syllabus.

Subject	Paper	No of Questions		Marks	
		11 th	12 th	11 th	12 th
Chemistry	Paper 1	7	13	32	56
	Paper 2	6	14	24	56
Mathematics	Paper 1	8	12	40	48

	Paper 2	8	12	32	48
Physics	Paper 1	8	12	36	52
	Paper 2	8	12	32	48
Total	Paper 1	23	37	108	156
	Paper 2	22	38	88	152





Brief Quantitative Analysis

Following is the brief pattern description of both the papers of JEE (Advanced) 2015.

Question Pattern for Each Subject in Paper 1				
	One or More than One Correct Answer Type MCQs	Single Digit Integer Answer Type Questions	Match the Column Type MCQ	Total
Questions/Subject	10	8	2	20
Marks /	4	4	8	N.A

Question				
Negative Marking	-2	0	-4	N.A
Marks/Subject	40	32	16	88
Total Questions	30	24	6	60
Total Marks	120	96	48	264
Question Pattern for Each Subject in Paper 2				
	One or More than One Correct Answer Type MCQs	Single Digit Integer Answer Type Questions	Comprehension MCQs	Total
Questions/Subject	8	8	4	20

Marks / Question	4	4	4	4
Negative Marking	-2	0	-2	N.A
Marks/Subject	40	32	16	80
Total Questions	24	24	12	60
Total Marks	96	96	48	240

Overall Difficulty Level Analysis

In this detailed analysis of Jee Paper we have rated every question on a scale of 1 to 3. The ratings are done by expert faculty. The individual ratings are then averaged to calculate overall difficulty level.

- 1: Easy
- 2: Moderate
- 3: Difficult

Subject	Paper 1	Paper 2	Total
Chemistry	2.27	2.15	2.21

Mathematics	2.36	2.25	2.31
Physics	1.95	2.20	2.07
Total	2.19	2.20	2.20

Difficulty Level Analysis: No of Questions

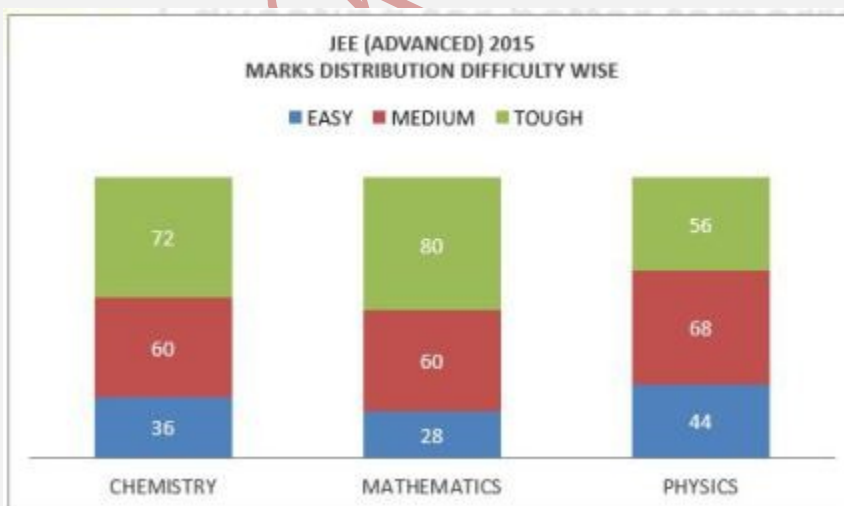
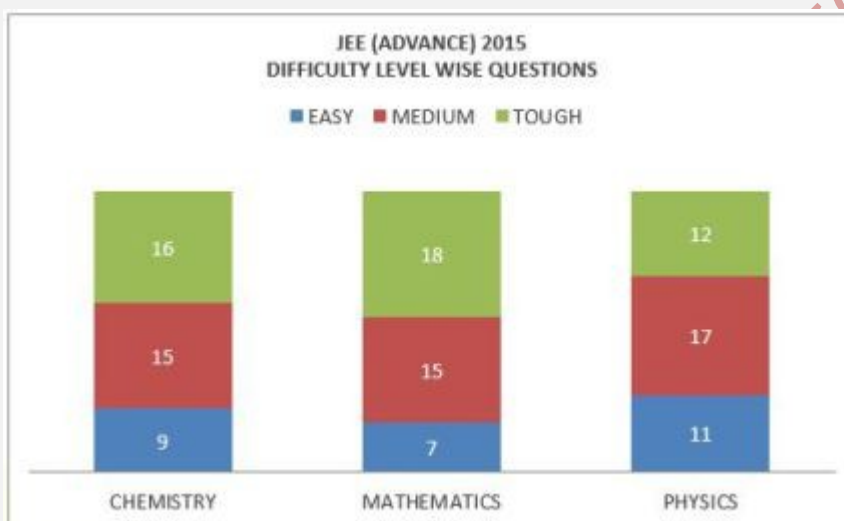
Subject	Easy	Moderate	Difficult	Total
Chemistry	9	15	16	40
Mathematics	7	15	18	40
Physics	11	17	12	40
Total	27	47	46	120

Difficulty Level Analysis: Marks Allocation

Subject	Easy	Moderate	Difficult	Total
Chemistry	36	60	72	168
Mathematics	28	60	80	168
Physics	44	68	56	168
Total	108	188	208	504

Experts feel that all subjects were of similar difficulty level, while Physics was relatively less tough compared with Chemistry & Mathematics. Around 108 Marks can be considered easy overall, 188 marks Moderate and 208 marks are considered difficult in the paper.

Overall, it is felt that paper was on difficult side.



Physics Analysis

Topic wise Allocation of Marks

SUBJECT- TOPIC- SUBTOPIC	# QUESTIONS	TOTAL MARKS	% WEIGHTAGE
PHYSICS	40	168	100.0%
Electrodynamics	9	36	21.4%
Capacitance	1	4	2.4%
Current Electricity	2	8	4.8%
Electro Magnetic Field	3	12	7.1%
Electrostatics	3	12	7.1%
Heat & Thermodynamics	3	12	7.1%
Heat Transfer	1	4	2.4%
KTG & Thermodynamics	2	8	4.8%

CS			
Mechanics	13	56	33.3%
Elasticity & Viscosity	2	8	4.8%
Error in Measurement	2	8	4.8%
Fluid Mechanics & Properties of Matter	1	4	2.4%
Gravitation	2	8	4.8%
Rigid Body Dynamics	3	12	7.1%
Unit & Dimension	2	8	4.8%
Work, Power & Energy	1	8	4.8%
Modern Physics	7	32	19.0%
Atomic Physics	2	8	4.8%
Bohr Model	1	4	2.4%

Nuclear Physics	3	16	9.5%
Photoelectric Effect	1	4	2.4%
Optics	6	24	14.3%
Geometrical Optics & Physical Optics	5	20	11.9%
Wave Optics	1	4	2.4%
SHM & Waves	2	8	4.8%
SHM	2	8	4.8%

Chemistry Analysis

Topic wise Allocation of Marks

SUBJECT- TOPIC- SUBTOPIC	# QUESTIONS	TOTAL MARKS	% WEIGHTAGE
CHEMISTRY	40	168	100.0%
Inorganic Chemistry-I	6	24	14.3%

Chemical Bonding	4	16	9.5%
p-block	2	8	4.8%
Inorganic Chemistry-II	9	40	23.8%
Coordination Compounds	4	16	9.5%
d-block & f-block Elements	2	8	4.8%
Metallurgy	2	12	7.1%
Qualitative Analysis	1	4	2.4%
Organic Chemistry-I	1	4	2.4%
General Organic Chemistry- II	1	4	2.4%
Organic Chemistry-II	13	52	31.0%
Amine	1	4	2.4%
Aromatic	4	16	9.5%

Compounds			
Biomolecules	1	4	2.4%
Carbonyl compounds	1	4	2.4%
Grignard Reagent, Reduction, Oxidation & Hydrolysis	1	4	2.4%
Hydrocarbon (Alkane, Alkene & Alkyne)	3	12	7.1%
Practical Organic Chemistry	1	4	2.4%
Stereoisomerism	1	4	2.4%
Physical Chemistry-I	5	24	14.3%
Atomic Structure &	1	4	2.4%

Nuclear Chemistry			
Chemical Equilibrium	1	4	2.4%
Ionic Equilibrium	1	4	2.4%
Thermodynamics and Thermochemistry	2	12	7.1%
Physical Chemistry-II	6	24	14.3%
Chemical Kinetics	2	8	4.8%
Electro-chemistry	2	8	4.8%
Solid State	1	4	2.4%
Surface Chemistry	1	4	2.4%

Mathematics Analysis

Topic wise Allocation of Marks

SUBJECT- TOPIC- SUBTOPIC	# QUESTIONS	TOTAL MARKS	% WEIGHTAGE
MATHEMATICS	40	168	100.0%
Algebra	4	16	9.5%
Vector	4	16	9.5%
Binomial Theorem	1	4	2.4%
Binomial Theorem	1	4	2.4%
Complex Numbers	1	4	2.4%
Complex Numbers	1	4	2.4%
Coordinate Geometry	6	24	14.3%
Ellipse	2	8	4.8%
Hyperbola	1	4	2.4%
Parabola	3	12	7.1%

Differential Calculus	8	32	19.0%
Application of Derivatives	3	12	7.1%
Functions	2	8	4.8%
Limit, Continuity & Differentiability	3	12	7.1%
Integral Calculus	8	32	19.0%
Area under curve	1	4	2.4%
Definite integration	5	20	11.9%
Differential Equation	2	8	4.8%
Matrix & Determinants	2	8	4.8%

Matrices & Determinants	2	8	4.8%
Permutation & Combination	1	4	2.4%
Permutation & Combination	1	4	2.4%
Probability	3	12	7.1%
Probability	3	12	7.1%
Quadratic Equation	1	4	2.4%
Quadratic Equation	1	4	2.4%
Sequence & Series	2	12	7.1%
Sequence & Series	2	12	7.1%
Trigonometry	3	16	9.5%
Inverse Trigonometric	1	4	2.4%

function			
Solution of Triangle	1	8	4.8%
Trigonometric equation	1	4	2.4%

JEE (Advance) 2015 Cut-off

JEE (Advanced) 2015: Official Cut-off			
Category	% Reservation	Cut-off Marks	% Cutoff
Open	50.50%	176	35.00%
OBC	27.00%	158	31.50%
SC	15.00%	88	17.50%
ST	7.50%	88	17.50%
Total	100.00%		

RECIPE FOR CRACKING JEE IN 90 DAYS



**THE QUESTION WILL ARIES THAT HOW CAN YOU ACHIEVE THE SPEED
FOR FOLLOWING THE SCHEDUEL?**

**MY WORDS- SPEED LIES ON YOUR THOUGHT NOT IN YOU HANDS I WILL
PROVE IT IN THE SECTION “YOU CANNOT CRACK JEE”**

FOR FIRST 45 DAYS SOLVE :

(TOPICS YOU HAVE TO CHOOSE AS PER YOUR OWN CHOICE) IF YOU WANT ANY HELP VISIT: www.themathspack.com

- MATHS: (AS PRESCRIBED BEFORE OTHERWISE FIRST MAKE BASE STRONG BY THE METHOD I HAVE SUGGESTED YOU)
R.D.SHARMA OBJECTIVE IN WAY I HAVE SUGGESTED YOU EARLIER.
- PHYSICS: PRADEEP OR H.C.VERMA FOR THEORY (AS PER YOUR UNDERSTANDING) & SOLVE H.C.VERMA BY THE METHOD I HAVE SUGGESTED.
- CHEMISTRY: PRADEEP THEN N.C.E.R.T FOR THEORY ONLY.YES ANY HIGH LEVEL BOOKS ARE NOT RECOMMENDED.

FOR 46TH DAY TO 70TH DAY:

- MATHS: PLAY WITH GRAPHS(5 DAYS) & JEE MAINS PREVIOUS YEAR (20 DAYS)
- PHYSICS: JEE MAINS ASKED QUESTIONS IN THE WAY I HAVE SUGGESTED EARLIER.
- CHEMISTRY: PRACTICE ALL NCERT QUESTIONS AND JEE MAIN ASKED QUESTIONS.

FOR 71ST DAY TO 90TH DAY:

- MATHS: JEE ADVANCE ASKED QUESTIONS
- PHYSICS: JEE ADVANCE ASKED QUESTIONS
- CHEMISTRY: JEE ADVANCE ASKED QUESTIONS

WELCOME TO FINAL LEVEL:

I call this final level as “revision”. Well now congratulations you have cleared the main basic level and as a result you are in second level. ☺

Now the main question arises how you should do revisions for peak performance in JEE MAINS AND ADVANCE. Here are some tips:

- While you are reading anything for concept building underline or highlight every important point which you would like to revise.
- Also mark those questions with star in which you have learnt something new and these are those questions which you will have to look just before the exams for last time revisions.

- Revise the same things with a gap of regular interval.
- You can also make separate note book for formula revision.
- Solve previous year questions repeatedly. (All questions again and again with a gap)
- Solve practice papers a lot provided by coaching or at market in form of MCQ books.

BAD NEWS! YOU CANNOT CRACK JEE



Yes this is true that you will not crack JEE if you don't follow the advices given. YOU ALSO CANNOT CRACK JEE EVEN IF YOU FOLLOW THE EARLIER DESCRIBED RULES. BUT WHY? ☹️☹️☹️

- You will lose your confidence if you are unable to solve the questions. I am telling you that even you are the weakest student but solving the questions anyhow and practicing a lot sincerely regularly. Then it is my written commitment that no one can stop

you from cracking JEE. Even 90 days are quite enough.(Don't take it otherwise)

- You will still follow other books like IRODOV, RESNICK, JDLEE..ETC
I must say ... SAY BIG NO TO ALL BIG COMPLICATED BOOKS.
Read the simple books like NCERT, PRADEEP, HCV, RDS etc... and
CRACK JEE EASILY.
- You will not meditate on daily basis for 20 minutes sincerely. It will
also affect the possibility of cracking JEE. (For more info. on it you
can also visit: www.themathspack.com)
- If you are giving 12 hours of unfocused time to study over 4-5 hours
of sincere study you will not clear JEE.
- Never underestimate the power of your subconscious mind. Like
even if you are following the things sincerely but have fear about
what if I will not clear the exam? Then also you will not be able to
clear the exam.
- I am telling you there was a friend of mine he has devoted his 24
hours sincerely for preparation. Yes 24 hours how? Even in dreams
he used to think about JEE but he was surrounded by a fear or you
may say it expectation depression that what if I will not be able to do
good in the exam? And guess what we thought that he might get any
top IIT but in the contrary he even not qualified JEE MAINS yes.
FACT.

- So what to do for such cases? Just tell one thing to yourself that if I am following the advices I am already selected just repeat it in a day as much time as you can. Then see the magic ☺

PLEASE READ THIS CASE

The Best Real Life Motivational Story –

Károly Takács MUST READ



The moment I finished the first page of my first and most favorite motivational book “The Magic of Thinking Big” by David J.

Schwartz, I have been looking for tools to craft a better “me”. I have been trying to bring out the best in me. I have browsed many books, sites and articles and I have found a plenty of tools that can come in handy. There is this one story in particular that I can’t wait to share with you. It’s about a sergeant in Hungarian army – Károly Takács.

Károly was the top pistol shooter of the country back in 1938 (age – 28 yrs). He won most of the major national and international

championships. He seemed closest to winning the 1940 Tokyo Olympic Games gold medal. All the dreams turned to dust one day. A hand grenade exploded in Károly's right hand, his shooting hand at an Army training session. That hand grenade ended up destroying his shooting hand and his Olympic dream.

“Of all the people in the world, why me?” Like most of us Károly could have asked this question “why me?”. But he didn't. Now I am not very sure what happened during the time he was hospitalized. But chances are people were discussing about the tragedy that has fallen on him, about how cruel can the creator be?, about what will he do in future. I am pretty sure people would have discussed these things. But not Károly, he had nerves of steel, stainless steel. He could have looked for sympathy. Instead he looked for ways to convert his dream into beautiful reality.

After spending a month in hospital, he decided not to feel pity for himself for the rest of his life. He held on to his Olympic dream. He had the will, he had the attitude, he had the determination to succeed, and he figured he had a healthy, fully functional hand. He decided to practice shooting from his left hand. Despite the pain he had to undergo, despite the fact that he was not left handed, he focused on his goal and practiced. To achieve anything worthy in life one needs attitude and will. Skills and techniques can be learned, can be taught, but not will. He chose not dwell in the world of facts,

he chose to explore the world of possibilities. He was determined to make his left hand the best shooting hand in the world.

One year later Károly resurfaced at a National shooting championship in Hungary. His colleagues were delighted to see him and complimented him on his courage to come up at the championship to cheer for them. But Károly surprised them by saying he was there to compete with them. And he won. One year after losing his right hand and he trained himself and won. Who in the world except Károly himself would have thought this was even possible. People who believe in facts will never be able to explain this. Facts leave no room for possibilities.

Károly's Olympic dream could not be fulfilled for quite some time as two Olympic Games were cancelled due to world war. In 1948 Olympic Games were held in London. Károly was chosen to represent Hungary in pistol shooting event. Károly never felt he was beneath any individual. He practiced, he participated, he WON.

Shooting with his left hand. ***Imagine being a gold medal favorite, losing your shooting hand in an accident, yet picking yourself up from a shattered mess, training your left hand to shoot as well (or better), and going on to win the Olympic gold medal.***

Four years later, in Helsinki Olympics. Károly won another gold medal in shooting event. Shooting with his left hand. This is the stuff champions are made of. We all have faced failures in life, we feel defeated, crushed, beaten. The next time you feel that think

of Károly. Don't cry and say why me? Don't worry about what you've lost, focus on what you still have. No hand grenade can blast your will, mental strength and determination.

Don't lose yourself to self pity. get up quickly and do it now. Many great speakers of the world have confirmed this fact. In words of Confucius “ ***Our greatest glory is not in never falling, but in rising every time we fall*** “. Károly was out practicing in a month after the accident. He never let self-pity to take control.

Prakash Iyer mentioned in his book *The Habit of winning*

“Winning a gold medal in Olympic is less about the hand, more about the mind. Life is like that. Winning is less about skills, more about attitude“.

Now ask yourself whether you will crack it or not?

**CLEARING THE JEE EXAM IS ALL ABOUT
ATTITUDE NOT APPTITUDE YES.**

LAST WORD

Thanks for giving your valuable time for reading my book. I hope it will help you in cracking JEE.

I am RUDRABHA MUKHERJEE from INDIA. I am the founder of THE MATHS PACK (www.theMathspack.com) and I have no team-mate till now please do guide me so that I can be able to help you all.

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