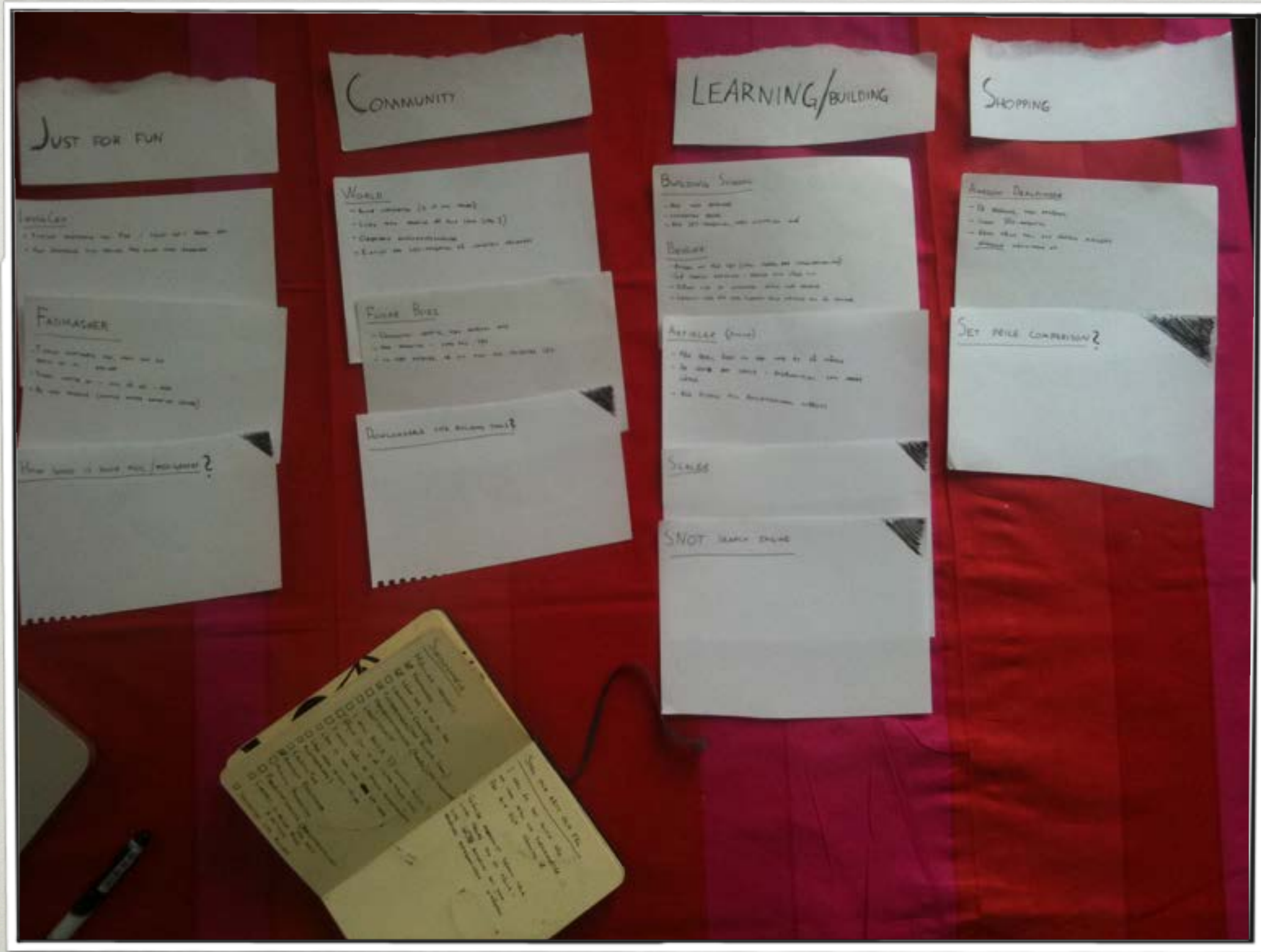




10 Steps to Crack IIT JEE

1. Create a Plan





List down what needs to be done

List all topics in syllabus of IIT JEE

Estimate the amount of time required for each topic

Synchronize your JEE studies with school studies (11th and 12th std)

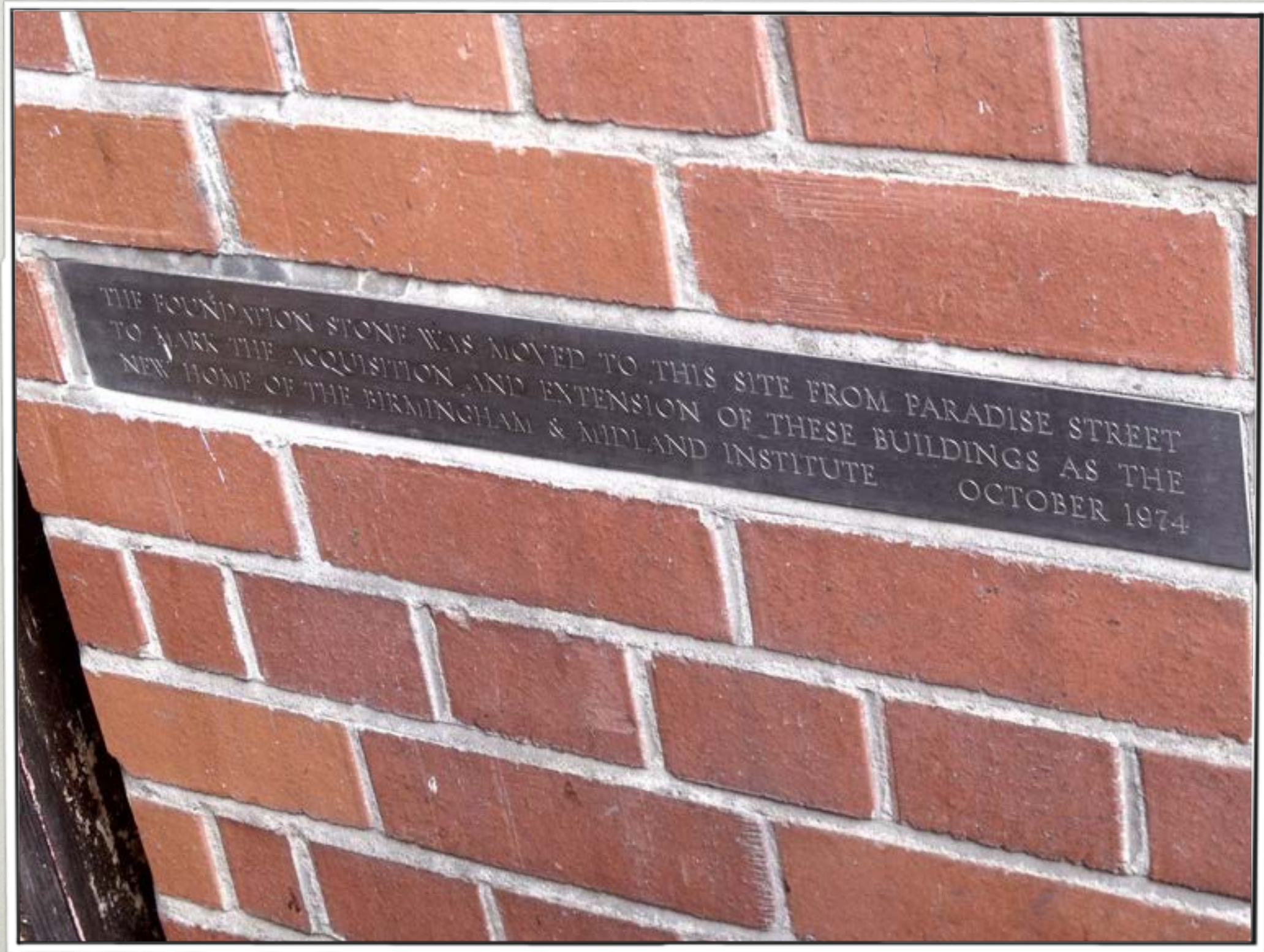
List down the resources you have

How many days do you have (break it down to hours)

Books, Study material, Test papers for IIT JEE and Class 11th and Class 12th

Choose and use the resources effectively

2. Build the Basics



Solve for x :

$$(-3) + (-7) = x$$

$$-3 - 7 = x$$

*"there is no altitude
without base"*
- a wise guy

Get the grip of all fundamental concepts

Start with NCERT books (will also help you with board exams)

Do not mug the concepts, understand.

Look at the derivation of fundamental theorems - this will help you later in solving difficult problems for IIT JEE.

Ask basic questions and try to answer yourself.

Visualize, draw a diagram if possible.

3. Challenge Yourself





Work on yourself

Start with simple problems

Move to difficult ones step by step

Try out questions from previous years IIT JEE

Avoid looking at solutions till you have tried really hard

Never leave a question in between. If you do, come back again.

Keep looking for challenging problems - there is no lack of learning material

4. Be Consistent





Sachin Tendulkar

played 463 matches

average in year 1990: 23.90

average in year 2001: 69.53

overall batting average: 44.83

Keep studying in ups and downs

Sometimes you will be excited, other times you will be pessimistic - in any case, be consistent with your studies

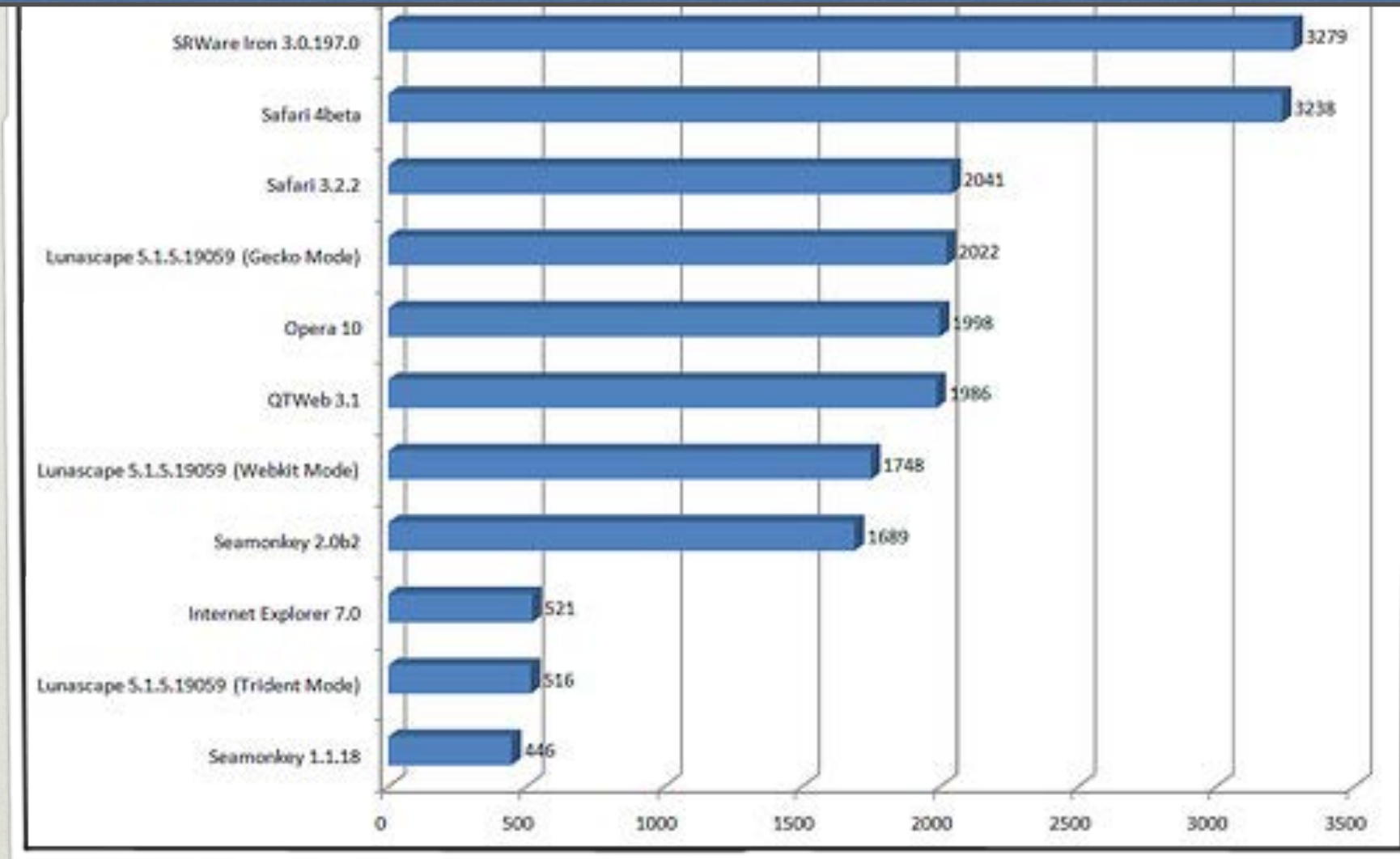
Some days you will run like a cheetah, on other days you will crawl like a snail - in any case, be focussed on your long term mission - cracking IIT JEE

Consistency is always more important in preparation than few days nightouts and long study hours

5. Track your Progress



Study → Test → Analyze → Study

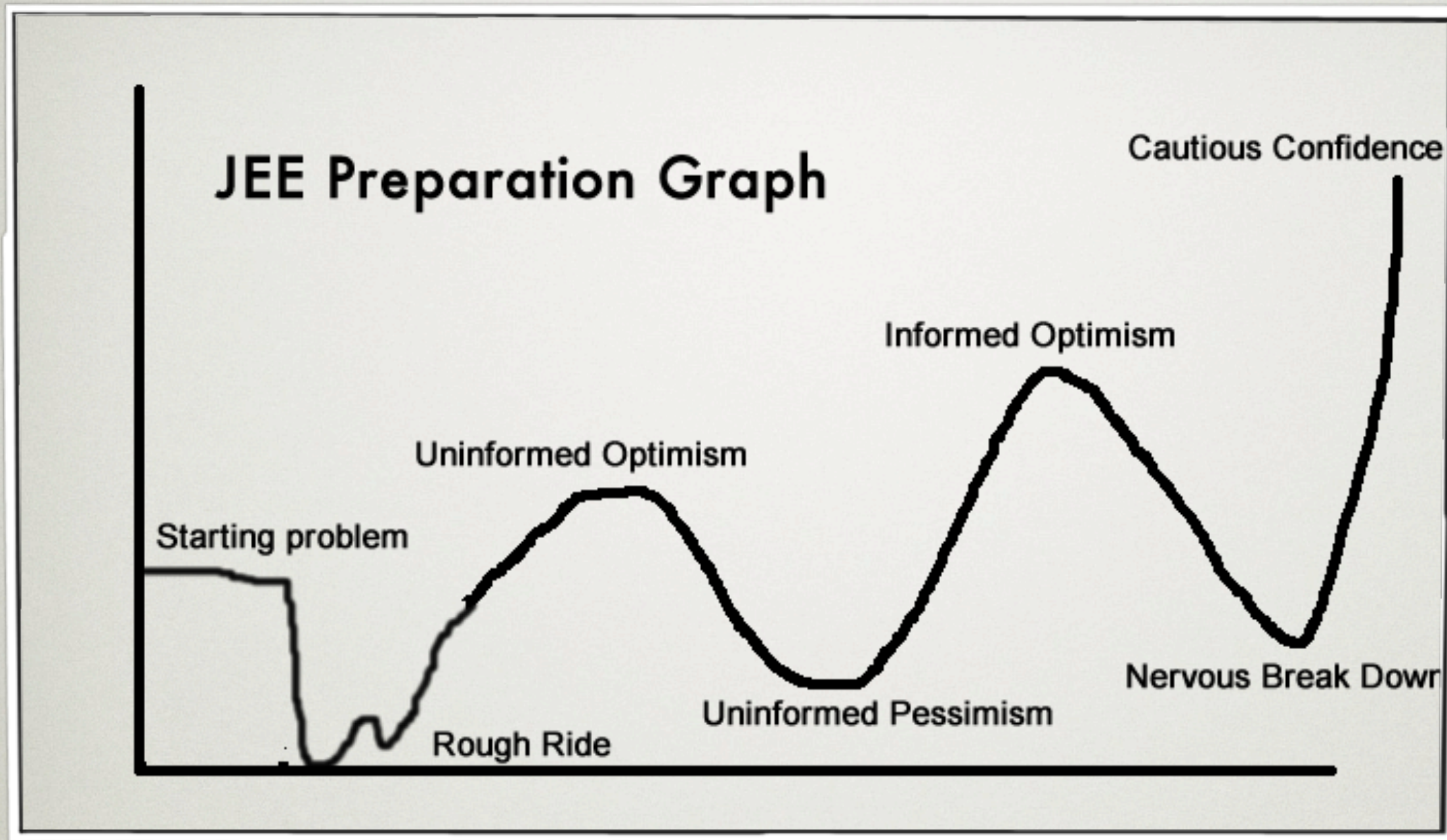


Create a positive feedback loop with your studies

Analyze yourself with tests for each topic
Identify your strengths and weaknesses
Plan your studies accordingly

6. Get Confidence





Do not loose confidence

There will be ups and downs - see the JEE preparation graph above
Be confident to cross the chasms

7. Learn Time Management





Manage your time

Wasting time is the easiest thing to do

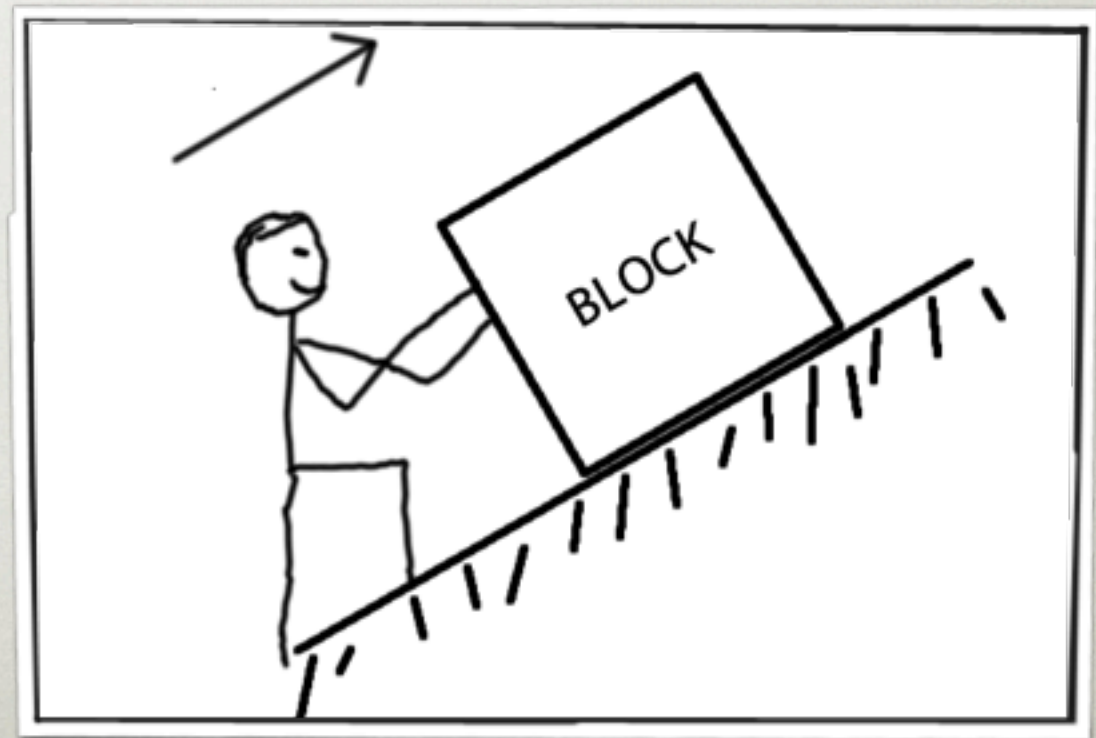
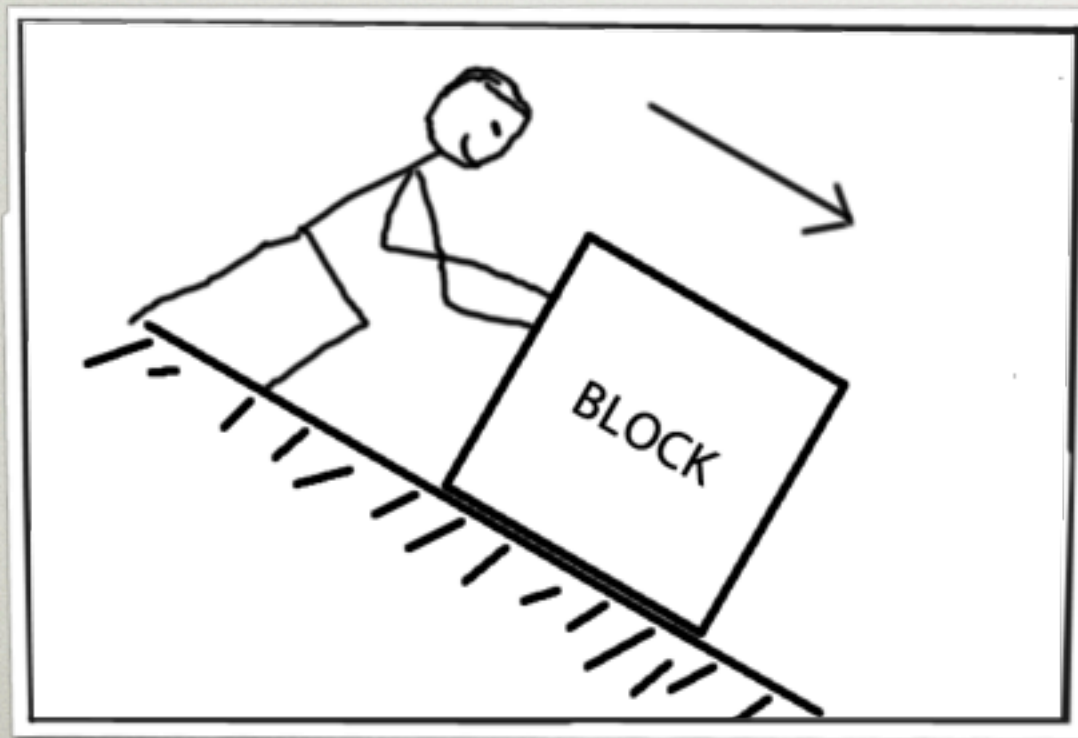
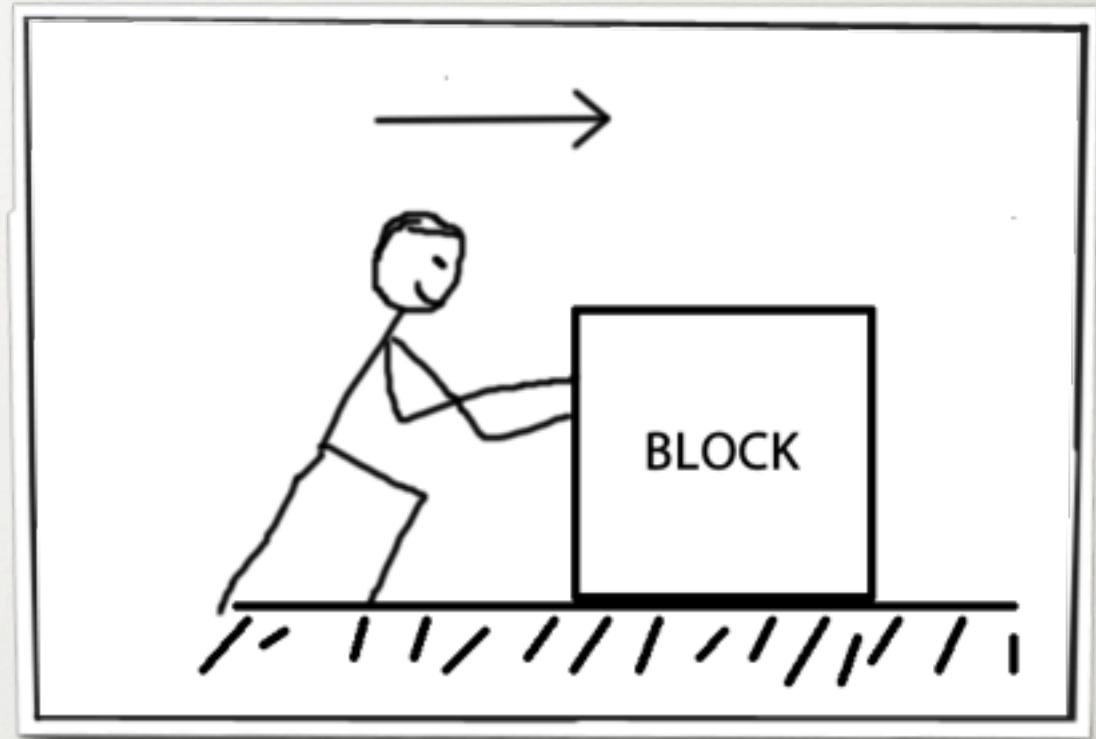
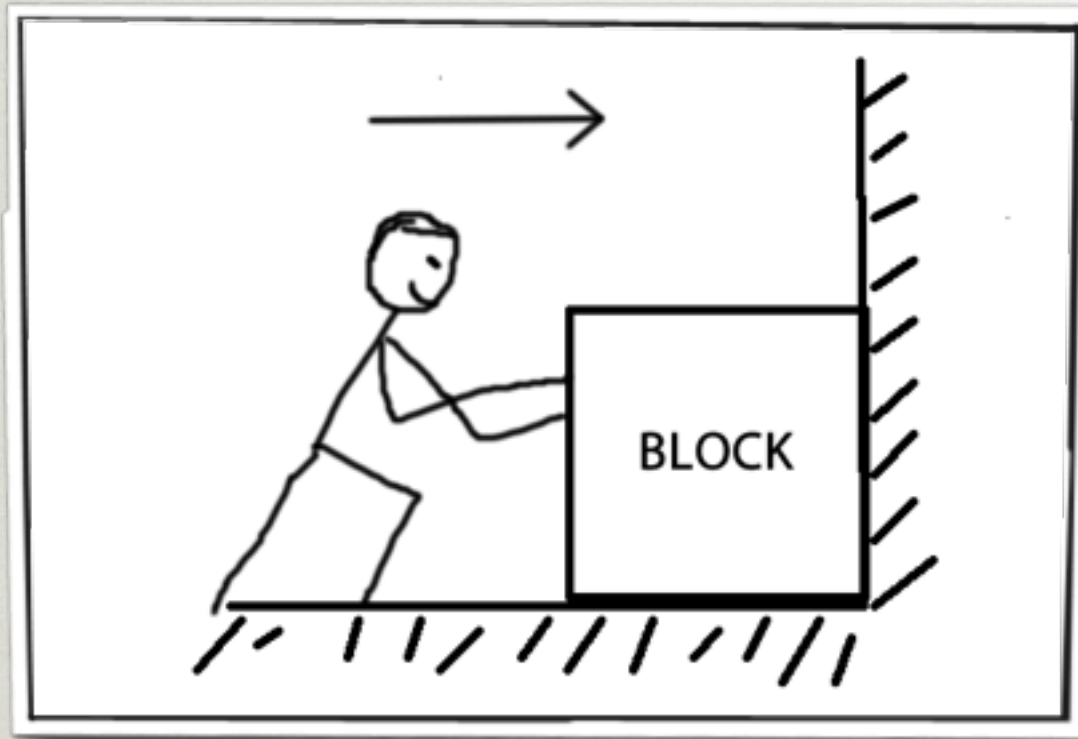
Plan your day - put your most productive hours to studies

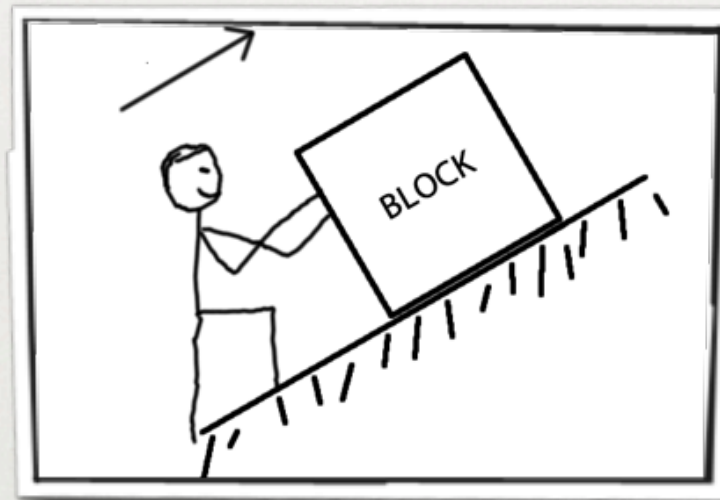
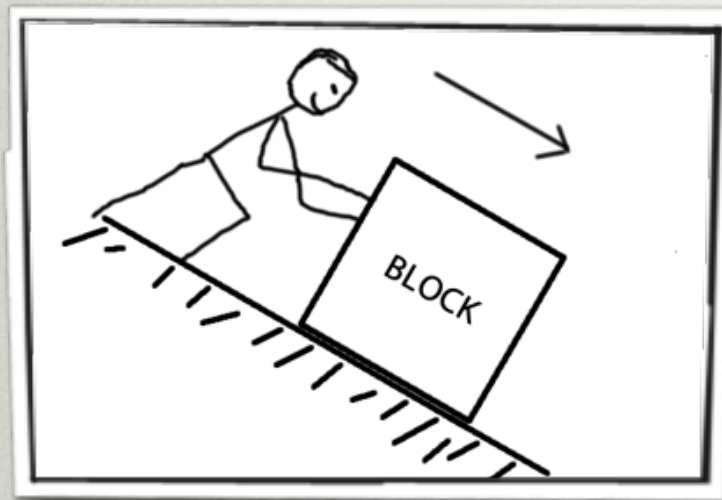
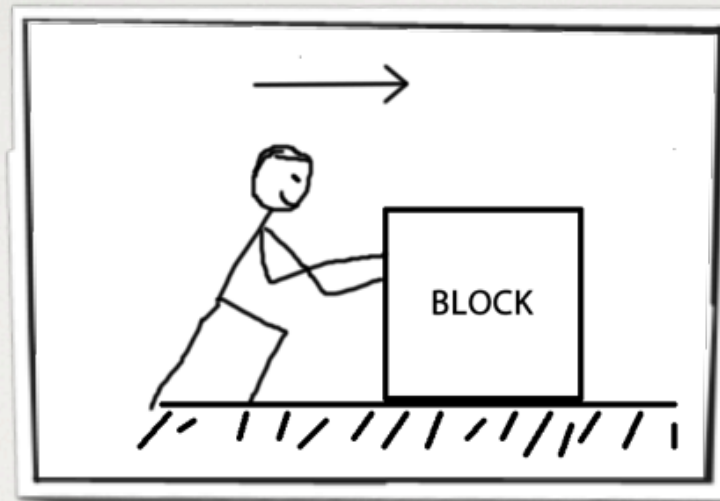
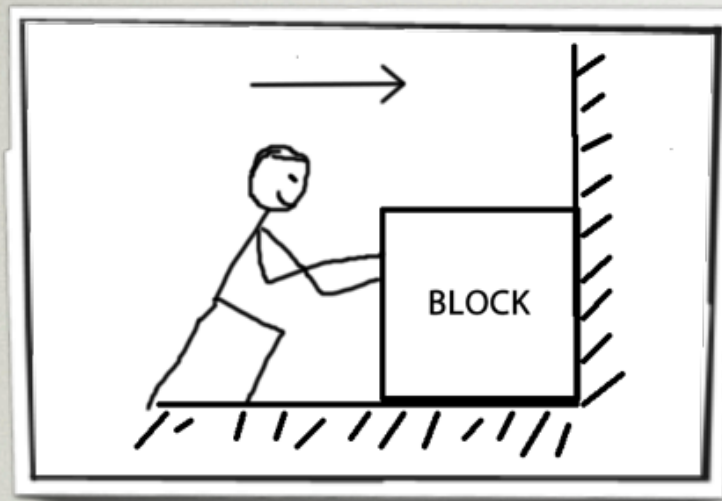
Plan your studies - iit jee video lectures, books, tests, school studies, discussions etc

Invest some time in sports / exercise

Time == Investment

8. Learn to Study Smart





*“You can read a book the whole day and its possible that you will understand nothing”
- a wise guy!*

Studying hard is not enough

Studying 10 hours a day is neither a sufficient condition not a necessary condition to clear IIT JEE

Understanding and solving challenging problems is sufficient and necessary condition to clear IIT JEE - you need to study smart

9. Balance School and JEE Preparation



The New JEE



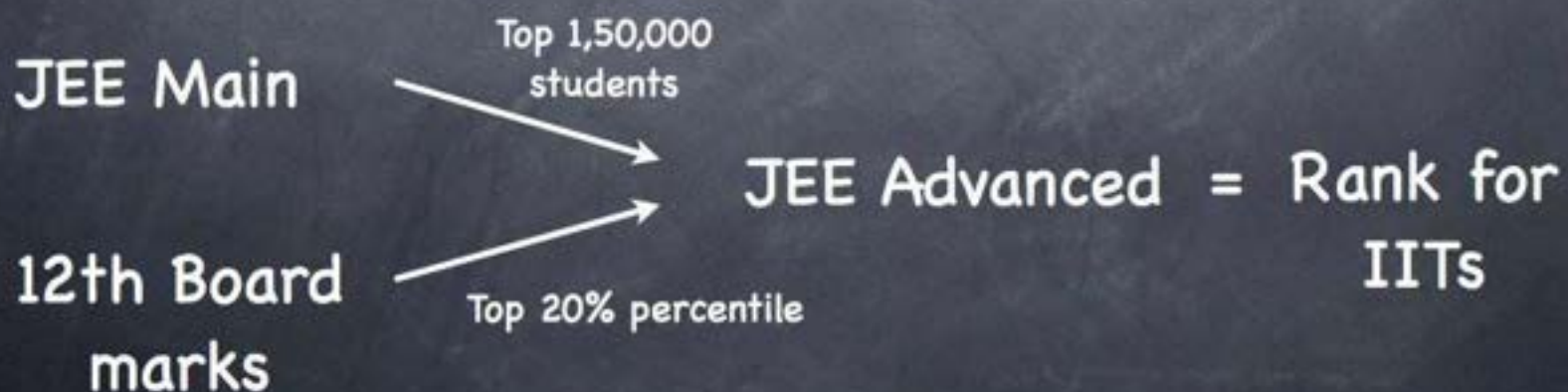
Common Entrance Test from year 2013

<http://eduflix.tv/>

For admission to NITs:

12th Board marks (40%) + JEE Main (60%) = Rank for NITs

For admission to IITs:



“Life is like riding a bicycle. To keep your balance you must keep moving”

- Albert Einstein

Do not ignore your school studies

You need to be in top 20 percentile in 12th board to be eligible for the JEE advanced

Irrespective of pattern of IIT JEE, you should not ignore your school studies

And the last point



10. Have Lot of Fun

RESOURCES

- Video Lectures for IIT JEE - <http://eduflix.tv/>
- How can I crack IIT JEE - <http://blog.eduflix.tv/2012/07/how-can-i-crack-iit-jee-its-not-about-doing-something-different-its-about-doing-things-differently/>
- Why studying hard is not enough - <http://blog.eduflix.tv/2012/05/why-studying-hard-is-not-enough/>
- How to study mathematics - <http://blog.eduflix.tv/2012/07/how-to-study-mathematics-for-iit-jee/>