



CAREER POINT

PAPER ANALYSIS OF IIT JEE-2012

The most prestigious entrance exam of Engineering, IIT-JEE 2012 conducted on 8th April 2012 with paper 1 from 9.00 – 12.00 hrs and paper 2 from 14.00 to 17.00 hrs. The sequence of subjects in both the papers were same –Physics, Chemistry and Mathematics. The number of questions and types of questions in both papers were distinct from each other.

Details of Paper -1

- Paper-1 had 60 questions in total - in the order of Physics, Chemistry and Mathematics.
- Each subject had 20 questions and the pattern was exactly the same for all the subjects.
- The maximum marks for the paper were 210 i.e. 70 for each subject.
- Equal weightage was given to each subject.
- Paper was having questions of only three types.
 - Multiple Choice Questions with Single Correct Option,
 - Multiple Choice Questions with Multiple Correct Option,
 - Numeric Response Type of Questions

Details of Paper -2

- Paper-2 also had 60 questions in total - in the order of Physics, Chemistry, and Mathematics.
- Each subject had 20 questions and the pattern was exactly the same for all the subjects.
- This paper had questions based on comprehensions also.
- The maximum marks for the paper were 198 i.e. 66 for each subject.
- Equal weightage was given to each subject.
- Paper was having questions of only three types.
 - Multiple Choice Questions with Single Correct Option,
 - Comprehension Based Questions with Single Correct Option,
 - Multiple Choice Questions with Multiple Correct Option,

Expert's Views

Career Point IIT JEE expert's panel analyzed both the papers and found following observations.

- Paper-1 was relatively easy as compared to Paper-2.
- Mathematics was easier as compared to Physics and Chemistry.
- Paper-2 Physics was very tough, Chemistry was also above average.



- Overall this year the difficulty level was higher than that of the last year's paper, and this was only because of paper-2.
- Question from Modern Physics (Comprehension in paper-2) was really very critical from the point of view of students.
- Class XI & Class XII syllabus were given almost similar weightage in Physics and Mathematics but in Chemistry the weightage to class XII was much higher than that of class XI
- Some questions were mistake prone which might have made the students confused.
- The students having in depth knowledge of subject are having good chance of getting qualified.
- Multiple Correct Options type questions were having very high weightage (32%) where the probability of losing marks is very high.
- The paper-1 was below expectation and paper -2 was upto the expectation.
- The expert panel expects that this year the cut-off will be at lower side.
- The score of 160 - 165 might be a safe score in IIT JEE-2012.
- Fortunately, there was no printing mistake in the paper as it happened in last year.

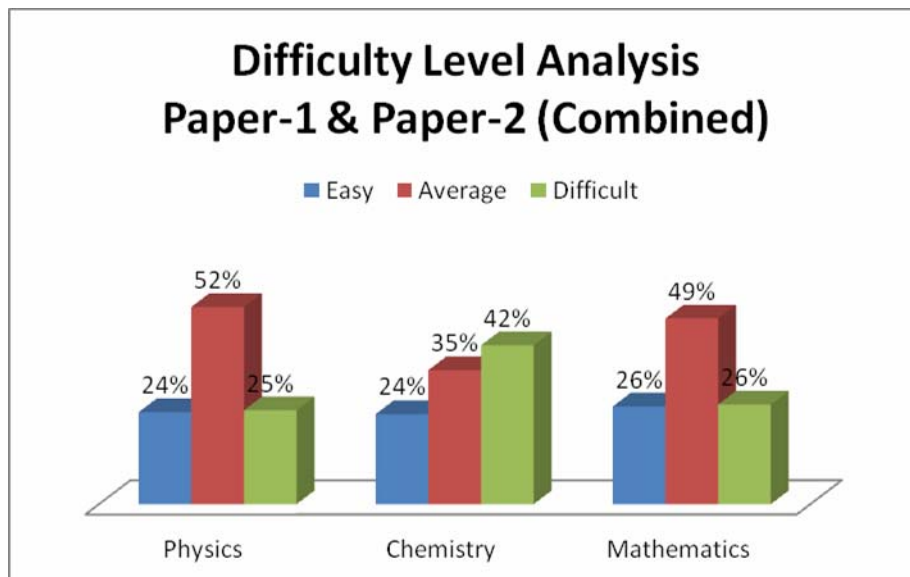
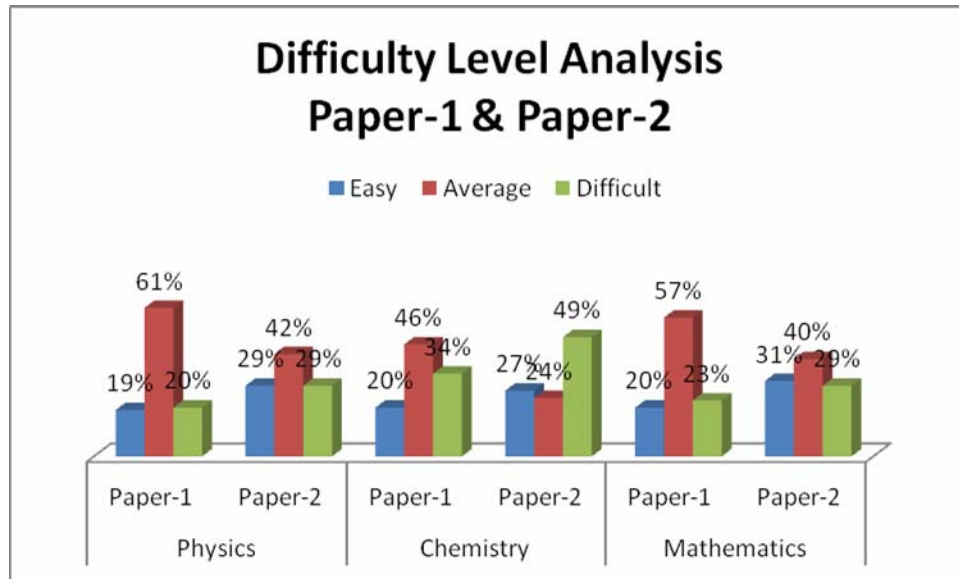
The detailed analysis of the paper is as follows-

Structure of Papers & Marking Scheme

Types of Questions	Distribution of questions in Paper-1				Distribution of questions in Paper-2			
	No of Questions	Marks for Correct Answers	Negative Marking	Total Marks for the section	No of Questions	Marks for Correct Answers	Negative Marking	Total Marks for the section
Single Correct Choice	30	3	-1	90	24	3	-1	72
Numeric Response	15	4	0	60	0	NA	NA	NA
Paragraph Type	0	NA	NA	NA	18	3	-1	54
Multiple Correct Choice	15	4	0	60	18	4	0	72

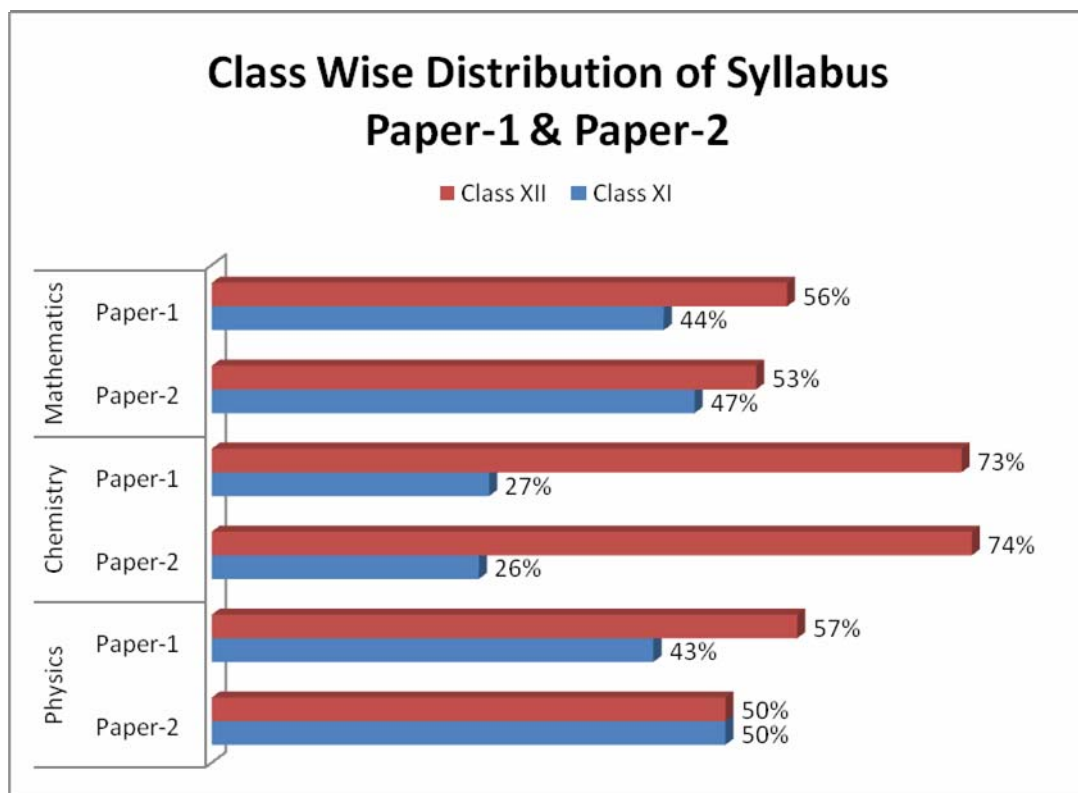


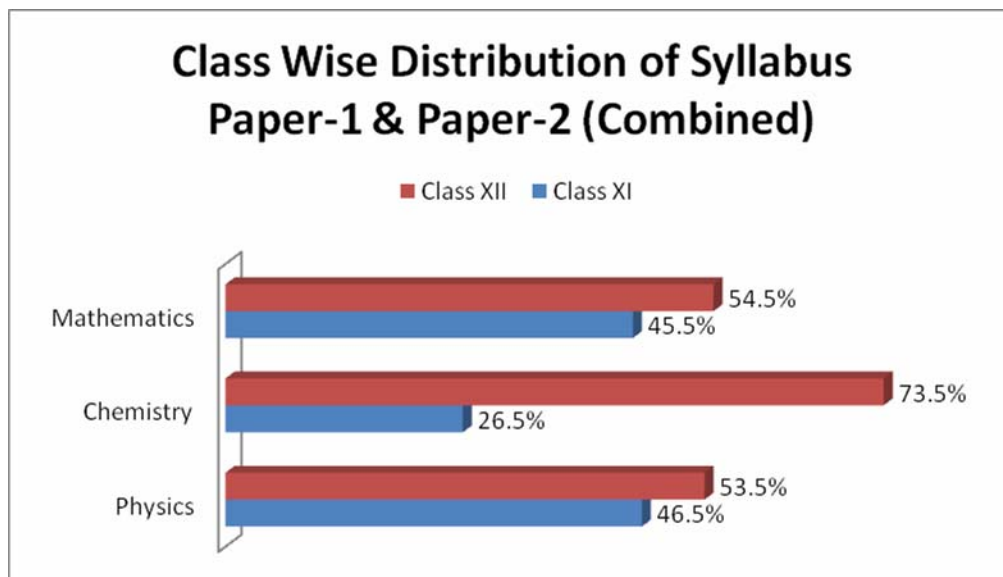
Difficulty level Analysis of paper1 and paper2 (Based on %age of Marks)



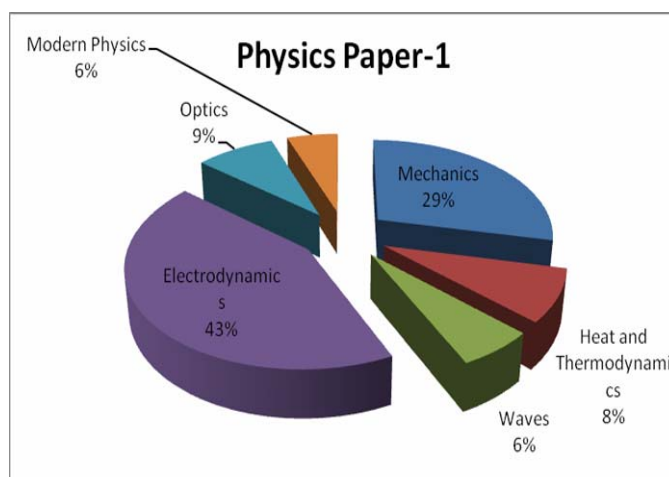


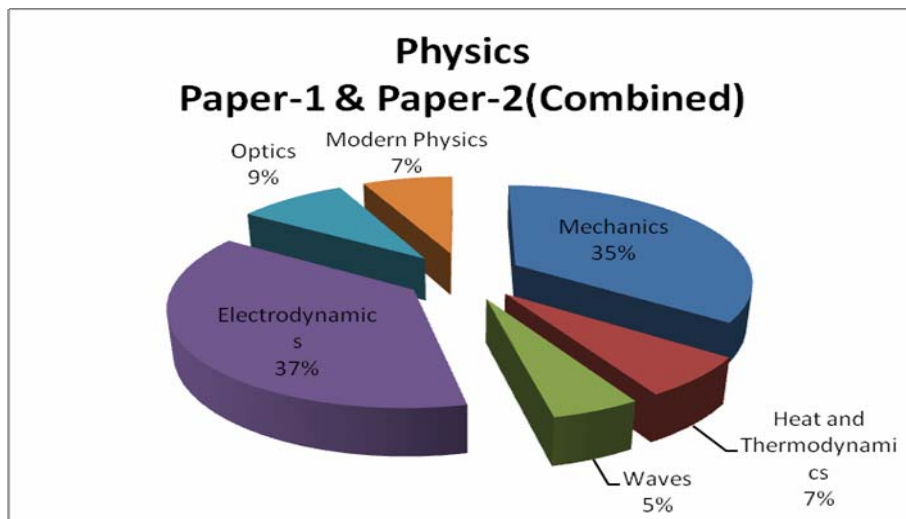
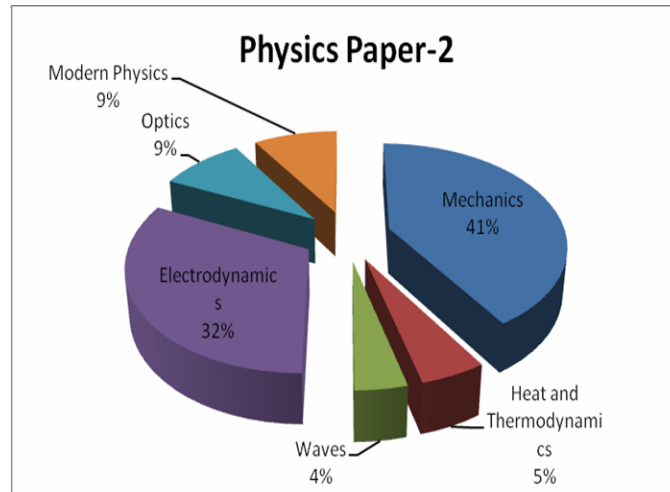
Class wise distribution of Syllabus (Based on %age of Marks)

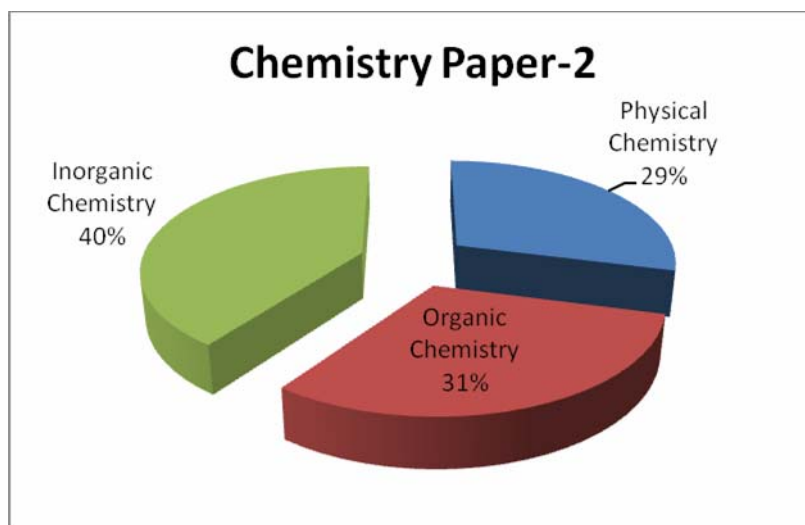
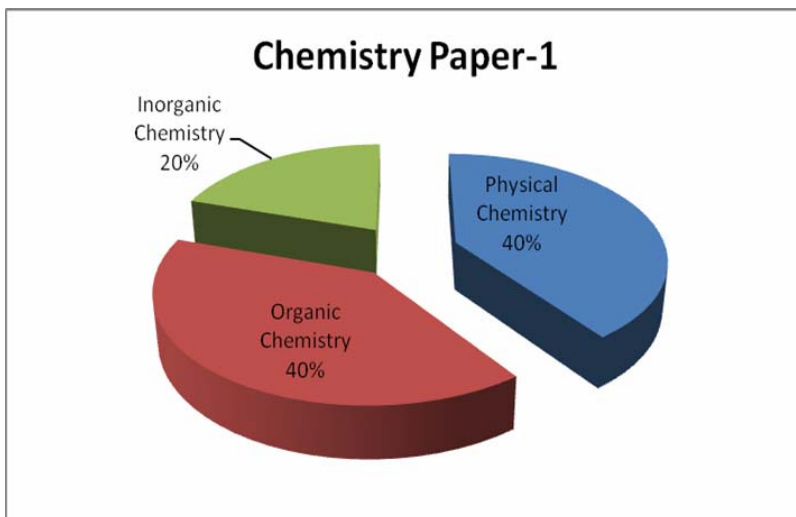




Topic Wise Analysis of each Subject (Based on %age of Marks)

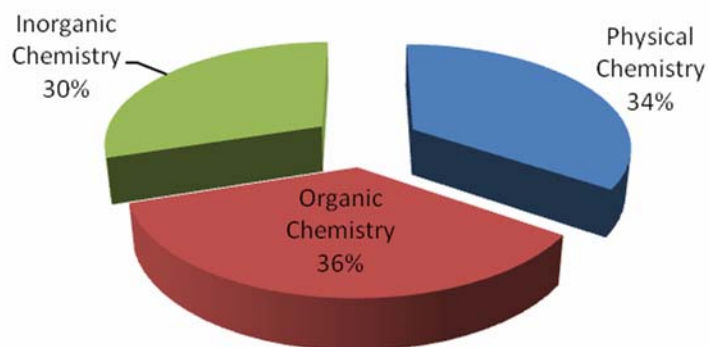








Chemistry Paper-1 & Paper-2 (Combined)



Mathematics Paper-1

