

DIFFICULTY LEVEL ANALYSIS IIT-JEE 2011

The most prestigious entrance exam of Engineering, IIT-JEE 2011 was conducted on 10th April 2011 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 – Chemistry, Physics and Mathematics. The number of questions and types of questions in both papers were distinct from each other.

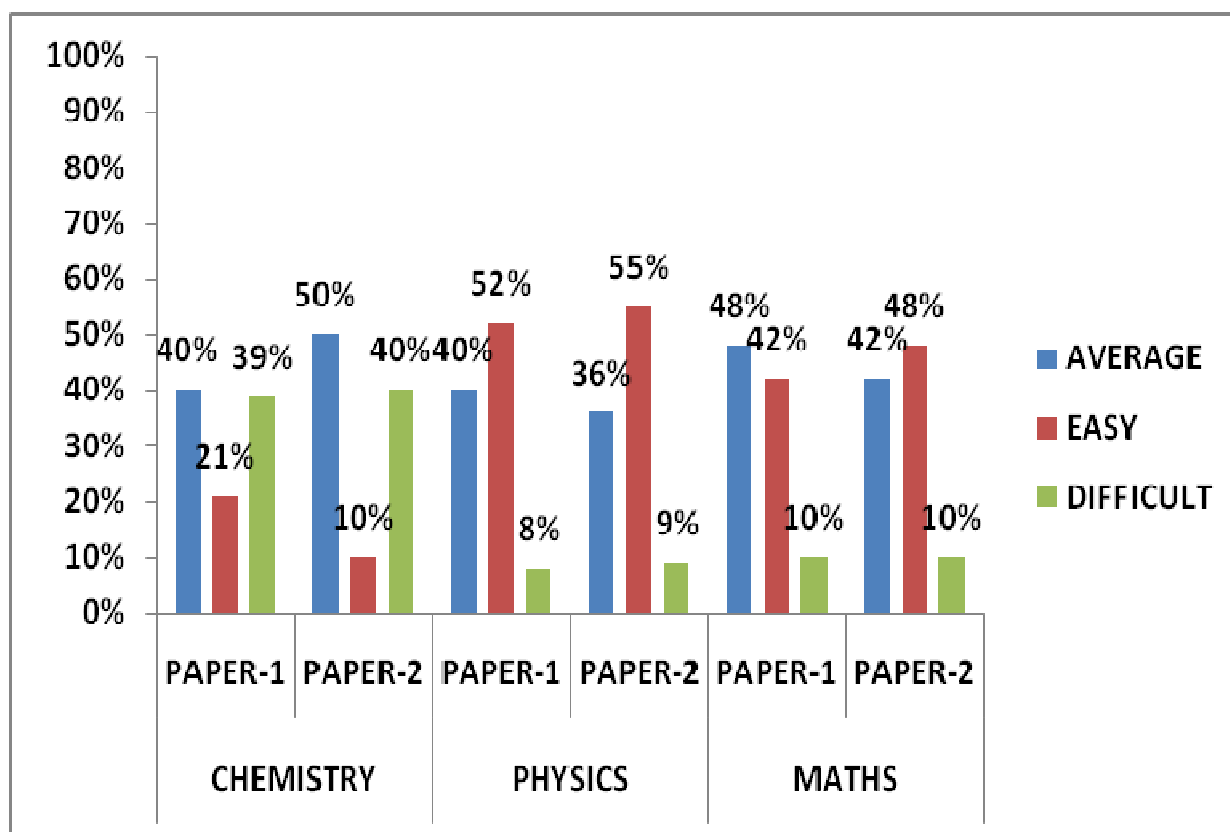
Details of Paper 1

Paper1 had 69 questions in total - in the order of Chemistry, Physics and Mathematics. Each subject had 23 questions and the pattern was exactly the same for all the subjects. The maximum marks for the paper were 240.

Details of Paper 2

Paper 2 had 60 questions in total - in the order of Chemistry, Physics and Mathematics. Each subject had 20 questions same across the subjects. But questions had differential markings, each subject had 80 marks and the maximum marks for the paper were 240.

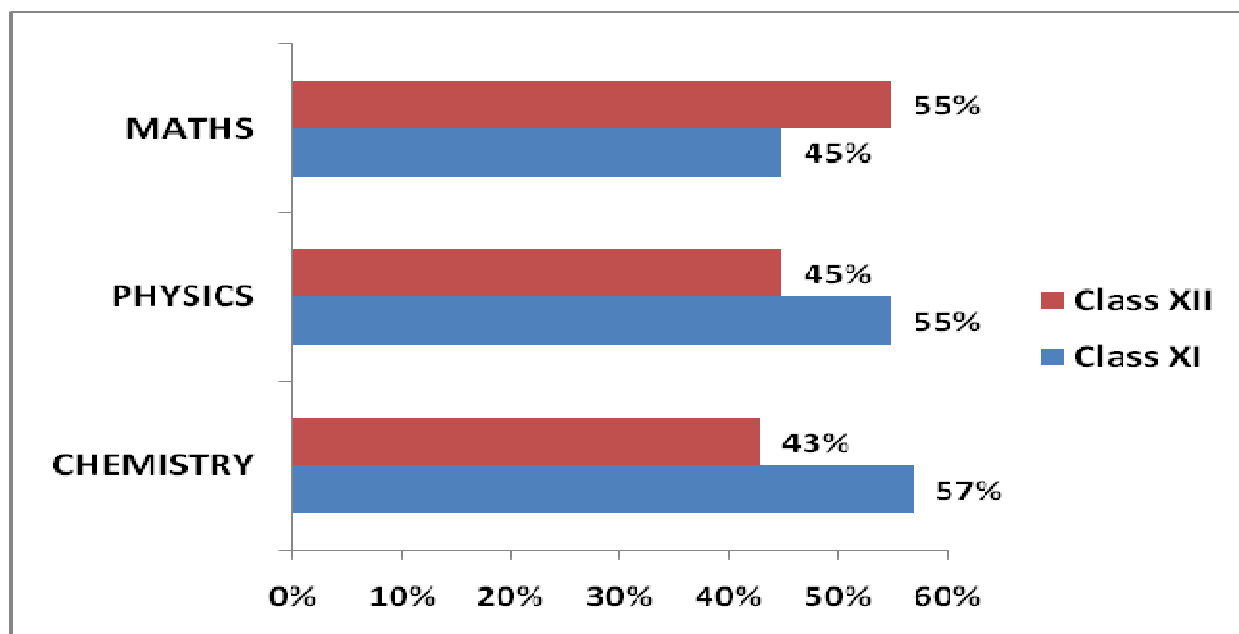
Difficulty level chart of paper1 and paper2 (Based on %age of questions)



Distribution of the questions in Paper 1&2

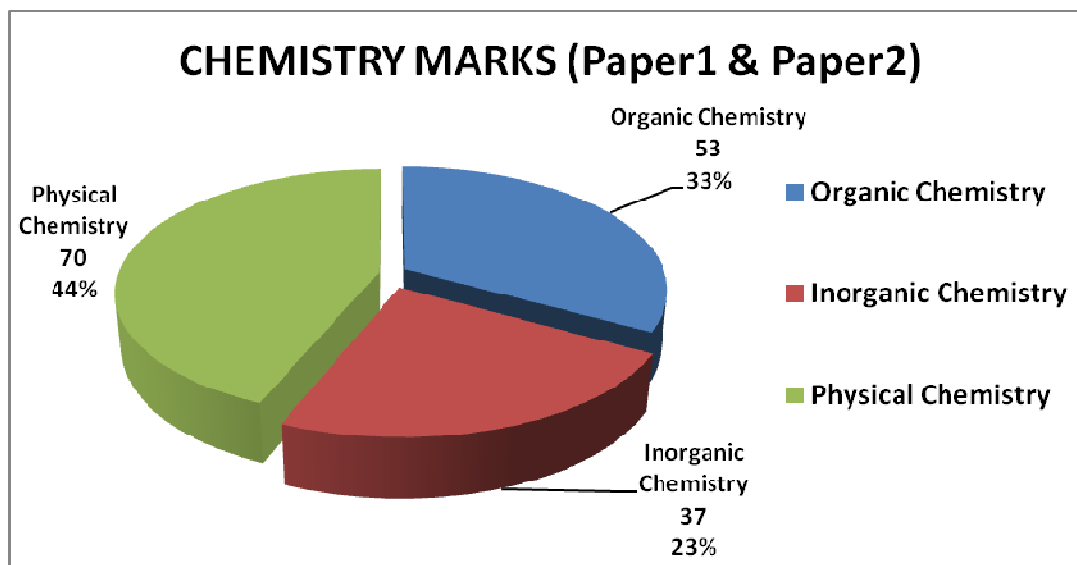
Types of Questions	Distribution of questions in Paper-1				Distribution of questions in Paper-2			
	No of Questions	Marks for Correct Answers	Negative Marking	Total Marks for the section	No of Questions	Marks for Correct Answers	Negative Marking	Total Marks for the section
Single Correct Choice	21	3	-1	63	24	3	-1	72
Numeric Response	21	4	0	84	18	4	0	72
Paragraph Type	15	3	-1	45	0	0	0	0
Matrix Type	0	0	0	0	6	8	0	48
Multiple Correct Choice	12	4	0	48	12	4	0	48

Class wise distribution of XI and XII Portion in both papers

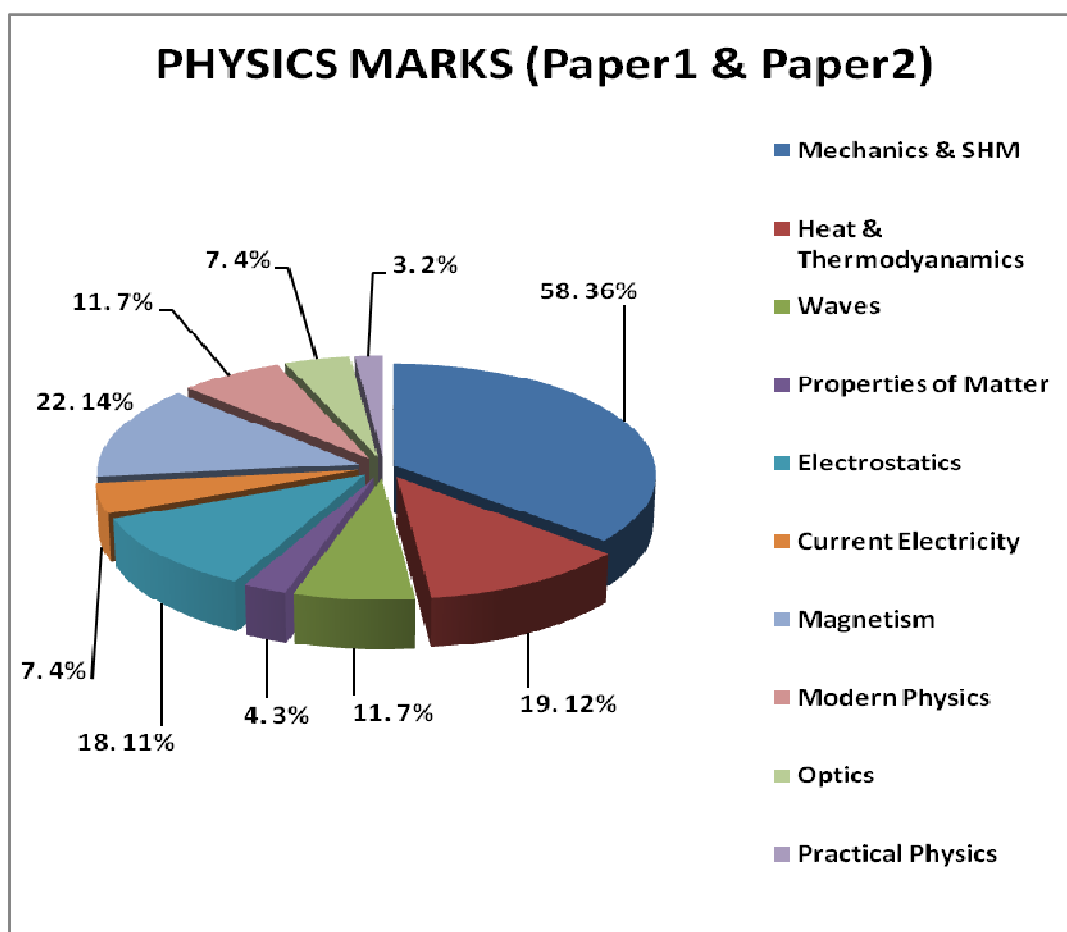


Topic Wise Analysis on the basis of marks

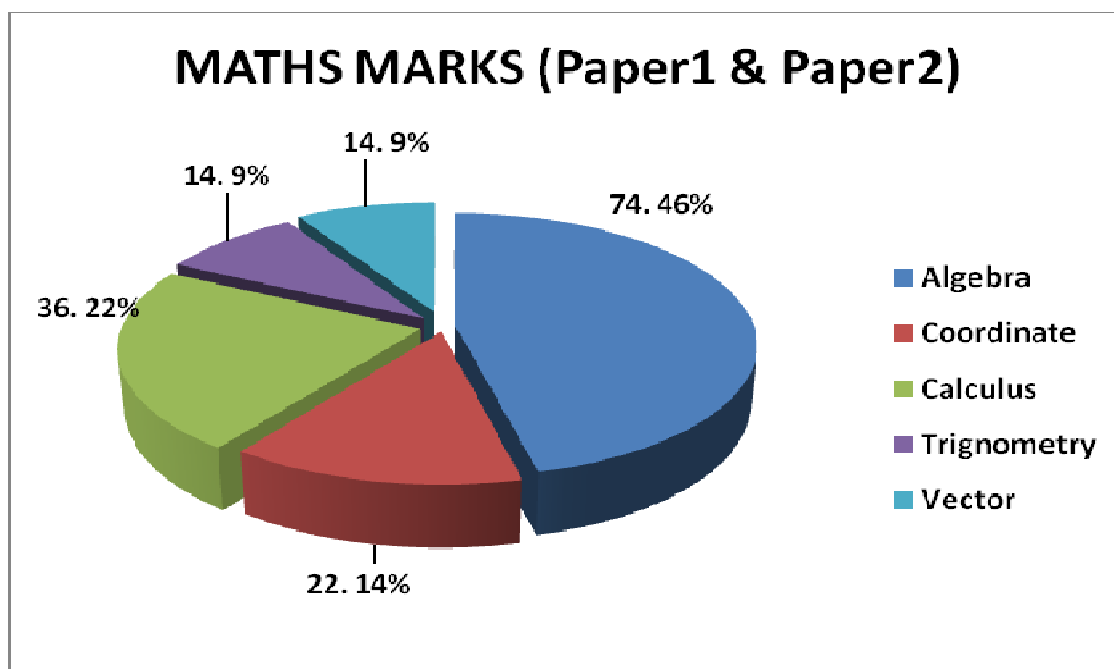
CHEMISTRY



PHYSICS



MATHS



Summary

1. The Chemistry paper can be treated as NCERT level in case of Organic Chemistry, but Physical and Inorganic were little tricky.
2. In Physics the paper 1 was of good quality but paper 2 was easy.
3. In case of Maths both the papers were above average.
4. By looking the toughness level and pattern of this year papers, the cut off can be predicted as between 190 and 200.
5. In Physics and Maths Papers there were incomplete information have been found in few questions which made the confusion state among the students.
6. This year in IIT-JEE 2011 the ratio of partial & negative marking is reduced.
7. Overall we can say that IIT has done better this time if compared with last year in terms of paper setting and composition.