

JEE (Advanced) Paper-1 (2013) Analysis by AESL

Overall the paper quality was good. The JEE body offered a well deserved paper to its aspirants. In terms of changes from last year, there has been a change in marking scheme. This year, the section with single correct answer has no negative marking while the section with multiple correct type MCQ has negative marking which makes the paper tough.

If we talk about the Physics section of JEE advanced 2013 Paper-I, it was of medium intensity. There were a few traps to entice a student to commit mistakes and mark the wrong answers. A student with a balanced state of mind, who reads each and every word carefully would do well in this paper. For example, there were 3 questions, which were presented in a way that a student could get the wrong answer if he did not read them carefully. And the wrong answer were also there in the choices. Out of 20 questions in the Physics section, 3 were of very easy level, 2 were of hard level and remaining were of medium level. The average score would around 35 out of a total of 60.

The Chemistry section of JEE (Advanced) 2013 Paper-I had thought provoking questions. Some of the questions are very tricky and required indepth knowledge. The average student is more likely to commit mistake in such questions. Majority of the problems were straight forward. Many of average and above average students are likely to attempt these problems correctly. Out of 20 problems, 4 problems were of easy level, 10 problems were of moderate and 6 problems were of difficult level. The average score would be around 30 out of a total of 60.

Finally, like always the mathematics section remains the deciding section of the IIT entrance. This year also the JEE Advanced 2013 Paper-I of Maths was of relatively tough level, as compared to Physics & Chemistry. There were at least 8 to 10 questions out of 20 questions, in which students can commit mistake in very easy way. Most of the questions are from mixed concepts and taking very more than expected time for finding accurate (exact) answer. Paper is relatively lengthy, but was balanced with respect to weightage of class XI and XII portion. The questions from class XI topic were of complicated nature and would have required fair amount of effort from the student's end to get exact solution. The major effect of Paper-I was that very first time JEE has introduced negative marking on multiple choice questions and integer type questions, that makes the paper tough. The average score in this section should be around 24 out of a total of 60.