

## **JEE-2012**

### **Analysis of the Question Paper:**

- ✓ There were two papers and the time allotted for each paper was three hours.
- ✓ The format of questions in JEE-2012 was not the same as that of the JEE-2011.
- ✓ Each paper was divided into three sections- Chemistry, Mathematics and Physics.
- ✓ Detailed break up of questions of both the papers is as follows:

	One Ans MCQ	Multiple Ans MCQ	Integer type	Paragraph	Total Questions
Paper 1 ( MM : 70)	10 Q ; ( 3 - 1)	5 Q; (4,0) Partial Marking	5 Q (4,0)	N.A.	20
Paper 2 ( MM : 66)	8 Q ; ( 3 - 1)	6 Q (3,-1)	N.A.	6 Q (3,-1)	20

- ✓ Total Marks : 408 ( 136 per subject )

### **Difficulty Level and Cut offs:**

#### **Physics:**

Paper-I was easier and shorter in comparison to paper-II. The questions in both the papers required application of basic concepts. However, the paragraph based questions were tricky.

Overall, the physics sections of both Paper-I and II were of moderate level of difficulty.

The cut-off in the common merit list of JEE 2012 for this section (In paper-I and paper-II) is expected to be in the range of 20 to 25 in each paper.

#### **Chemistry:**

Chemistry section of paper –I was easy in comparison to that of paper-II. In paper-II, the question type that had more than one correct options was difficult.

The questions in this section were evenly distributed amongst physical, organic and inorganic chemistry.

The cut-off for the JEE 2012 for this section (In paper-I and paper-II) is expected to be in the range of 15 to 20 in each paper.

**Mathematics:**

Mathematics section was the toughest amongst all three sections. Mathematics section of both the papers had four to five tricky questions each. The section was not lengthy so it was not difficult to attempt all questions in the given time.

The cut-off for this section (In paper-I and paper-II) is expected to be in the range of 15 to 20 in each paper.

***Overall, a score of 160 out of 408 is expected to be the cut-off for JEE 2012.***