

JEE ADVANCED 2015 (24-May-2015)**QUESTION PAPER DIFFICULTY LEVEL ANALYSIS OF PAPER 1&2**

The most prestigious entrance exam of engineering in India, **JEE Advanced (Previously known as IIT-JEE)** has been conducted on 24th May 2015 with **paper 1** (in 10 codes, code-0 to 9) from 9am to 12pm and **paper 2** from 2pm to 5pm across the nation.

Paper-1 had total 60 questions; 20 in each subject, out of which 8 questions were of Numeric Response Type with having **4 marks for each correct answer and no negative marking for any wrong answer**, 10 questions were of Multiple Correct Option Type with having **4 marks for each correct answer and -2 marks for each wrong answer** and remaining 2 questions were of Column Matching Type with having **2 marks for each correct answer and -1 mark for any wrong answer**. It is clearly visible that, this paper had 50% multiple option correct type questions and because of this, it would be difficult to score marks in this paper.

Paper-2 had total 60 questions; 20 in each subject, out of which 8 questions were of Numeric Response Type with having **4 marks for each correct answer and no negative marking for any wrong answer**, 8 questions were of Multiple Correct Option Type with having **4 marks for each correct answer and -2 marks for each wrong answer** and remaining 2 questions were of Paragraph Type with 2 multiple choice questions in each paragraph with having **4 marks for each correct answer and -2 marks for any wrong answer**. This was definitely a lengthy paper with having 60% multiple choice multiple correct type questions. This year JEE Advanced paper setter has changed all the possible code theories of analysts.

Over all this year's JEE Advanced paper would be a low scoring paper, framing of questions were very confusing. Many of the multiple choices multiple correct answer type questions had only single answer correct which must have confused students and student would have left many of such questions because of fear of losing marks.

This years' JEE Advanced exam was overall an ABOVE AVERAGE exam.

OVER ALL SUBJECT WISE ANALYSIS**Physics****➤ Paper-1**

- Questions were descriptive and maximum questions had diagrams
- 6 questions had lengthy calculations
- Overall paper was above average and each question was conventional question which a student must have undergone while preparation of JEE Advanced.

➤ Paper-2

- Paper was above average
- Numeric response type questions were easy
- Multiple choice type questions were difficult
- Passages were also difficult and lengthy too

Chemistry**➤ Paper-1**

- Paper was a bit conceptual, it would be a low scoring as marking was difficult than routine
- Paper was above average and student must had found it difficult
- To solve this paper one should be very logical

➤ Paper-2

- This paper was also a low scoring paper and conceptual one.
- Physical chemistry part was really difficult.
- Multiple correct type questions were confusing as only one option was correct.
- It was an above average paper

Mathematics
➤ Paper-1

- Examiner had continued Maths paper credibility & quality likewise every year's Maths's paper
- Paper was innovative and some questions had lengthy calculations
- Overall paper was lengthy and calculative but it covered complete syllabus as prescribed in JEE advanced syllabus and distribution of questions were very good

➤ Paper-2

- Paper 2 follows the legacy of IIT's.
- In this paper they mainly focused on calculus part and this shows they want to judge the analytical ability of students.
- Questions were not simply based on formulas but needed lateral thinking also.
- Paper was above average overall, good students can score well but for average students there is nothing in this paper.

DISTRIBUTION OF QUESTIONS

Question Types	Paper-1 (Total 264 Marks Paper)				Paper-2 (Total 240 Marks Paper)			
	No of Ques.	Marks for Correct Ans.	Negative Mark	Total Marks	No of Ques.	Marks for Correct Ans.	Negative Mark	Total Marks
Multiple Correct Choice	30	+4	-2	120	24	+4	-2	96
Numeric Response	24	+4	0	96	24	+4	0	96
Passage based ques with Multiple choice	0	0	0	0	6X2	+4	-2	48
Column Matching	6X4	+2	-1	48	0	0	0	0

DIFFICULTY LEVEL

Scale	Physics				Chemistry				Mathematics			
	Paper-1		Paper-2		Paper-1		Paper-2		Paper-1		Paper-2	
	No Of Que.	%age	No Of Que.	%age	No Of Que.	%age	No Of Que.	%age	No Of Que.	%age	No Of Que.	%age
Easy	2	10%	0	0%	3	15%	4	20%	3	15%	2	10%
Average	12	60%	12	60%	3	15%	5	25%	7	35%	10	50%
Above Average	5	25%	6	30%	6	30%	3	15%	2	10%	1	5%
Difficult	1	5%	2	10%	8	40%	8	40%	8	40%	7	35%

CLASS WISE PORTION DISTRIBUTION

Class	Physics		Chemistry		Mathematics	
	Paper-1	Paper-2	Paper-1	Paper-2	Paper-1	Paper-2
CLASS XI	45%	35%	50%	30%	30%	30%
CLASS XII	55%	65%	50%	70%	70%	70%

UNIT WISE PORTION DISTRIBUTION

PHYSICS	Paper-1 (No of Question)	Paper-2 (No of Question)
Mechanics	6 Ques	5 Ques
Heat & Thermodynamics	3 Ques	1 Que
Waves	No Ques	1 Que
Electrodynamics	3 Ques	6 Ques
Modern Physics	4 Ques	3 Ques
Optics	3 Ques	3 Ques
Practical Physics	1 Que	1 Que
CHEMISTRY	Paper-1 (No of Question)	Paper-2 (No of Question)
Physical Chemistry	6 Ques	7 Ques
Organic Chemistry	7 Ques	7 Ques
Inorganic Chemistry	7 Ques	6 Ques
MATHEMATICS	Paper-1 (No of Question)	Paper-2 (No of Question)
Algebra	4.5 Ques	6 Ques
Coordinate	3 Ques	3 Ques
Calculus	7.5 Ques	9 Ques
Trigonometry	1.5 Ques	1 Que
Vector & 3-D	3.5 Ques	1 Que