

The most prestigious entrance exam of engineering in India, JEE Advanced (Previously known as IIT-JEE) has been conducted on 25th May 2014 with paper 1 from 9am – 12pm and paper 2 from 2pm to 5pm across the nation.

Paper-1 had total 60 questions; 20 in each subject, out of which 10 questions were of Multiple Correct Option Type and remaining 10 questions were of Numeric Response Type with having **NO NEGATIVE** marking. 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 10 questions were of Multiple Correct Option Type and 6 questions were based on Paragraph and 4 questions were based on column matching pattern having **NEGATIVE** marking -1 for each incorrect option.

OVER ALL SUBJECT WISE ANALYSIS

Physics

Paper-1

Physics Paper was lengthy and few Multiple Choice questions were of good level but Numerical Response portion was a cake walk.

Paper-2

This paper was also lengthy and had more calculation based questions but overall it was a Average paper.

Chemistry

Paper-1

This paper was slightly difficult or can be called as Above Average. If compared to last year paper, examiner had put same difficulty level this year too so a student who had analyzed previous year paper and worked accordingly could do better in Chemistry paper-1.

Paper-2

This was an Above Average paper but using options students can secure more marks which was little tedious in paper-1. Questions asked from Organic Chemistry were complex than Physical & Inorganic portions.

Mathematics

Paper-1

Overall the paper was good. Though the questions were very difficult but the mixing of various concepts and packaging of various profile problems made the paper challenging for the students.

Paper-2

This was a lengthy paper. About 10 questions were very challenging, that's why paper may be rated "Above Average"

DISTRIBUTION OF QUESTIONS

Question Types	Paper-1			Paper-2			
	No of Ques.	Marks for Correct Ans.	Total Marks	No of Ques.	Marks for Correct Ans.	Negative Mark	Total Marks
Multiple Correct Choice	30	3	90	0	0	0	0
Numeric Response	30	3	90	0	0	0	0
Single Correct Choice	0	0	0	30	3	-1	90
Paragraph Type	0	0	0	18	3	-1	54
Column Matching	0	0	0	12	3	-1	36

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	4	20%	9	45%	3	15%	4	20%	8	40%	5	25%
Average	12	60%	7	35%	9	45%	10	50%	9	45%	13	65%
Difficult	4	20%	4	20%	8	40%	6	30%	3	15%	2	10%

CLASS WISE PORTION DISTRIBUTION

Class	Physics		Chemistry		Mathematics	
	Paper-1	Paper-2	Paper-1	Paper-2	Paper-1	Paper-2
CLASS XI	55%	55%	40%	35%	20%	40%
CLASS XII	45%	45%	60%	65%	80%	60%

UNIT WISE PORTION DISTRIBUTION

PHYSICS	Paper-1 (No of Question)	Paper-2 (No of Question)
Mechanics & SHM	7	5
Heat & Thermodynamics	1	3
Waves	2	0
Properties of Matter	0	3
Electrostatics	3	2
Current Electricity	4	1
Magnetism	1	2
Modern Physics	0	2
Optics	1	2
Practical Physics	1	0
CHEMISTRY	Paper-1 (No of Question)	Paper-2 (No of Question)
Physical Chemistry	7	4
Organic Chemistry	7	8
Inorganic Chemistry	6	8
MATHEMATICS	Paper-1 (No of Question)	Paper-2 (No of Question)
Algebra	5	7
Coordinate	1	4
Calculus	10	7
Trigonometry	1	1
Vector	3	1