

QUESTION PAPER ANALYSIS - JEE MAIN 2018

(PEN -PAPER EXAM 8th APRIL 2018)

The most prestigious Entrance Exam of Engineering, JEE Main 2018 in pen-paper mode has been conducted on 8th April 2018 (Sunday) from 09.30 am to 12.30 pm across the nation.

4 codes distributed to the students A, B, C & D respectively.

Number of questions in the paper was 90 (30 Questions each in Physics, Chemistry and Maths) and Total Marks was 360 with 1/4th negative mark for each wrong answer.

Detailed solution and answer key are available on www.careerpoint.ac.in

Overall Analysis of Question Paper

- Paper was lengthier as compared to last year.
- There were 10 questions in the paper which were not in the syllabus of JEE Advanced which will benefit students preparing for JEE Mains.
- Approximately 15 questions were asked from previous year's JEE Mains online/offline Papers and IIT JEE Advanced papers.
- A score more than 160 marks would be a good score for general category to opt for NIT.
- A score more than 77 marks would be good to be eligible for JEE Advanced.

Subject Wise description of question paper

PHYSICS

- Physics paper was above average.
- 13 questions from class 11th and 17 questions from class 12th syllabus.
- As compared to last year, paper was difficult and more calculative.
- 5 questions were asked from EMW, polarization, diffraction, semiconductor and communication system which are not in syllabus of IIT JEE Advanced.
- 8 questions were asked from previous year's JEE Mains Online/Offline and IIT JEE Advanced papers.

CHEMISTRY

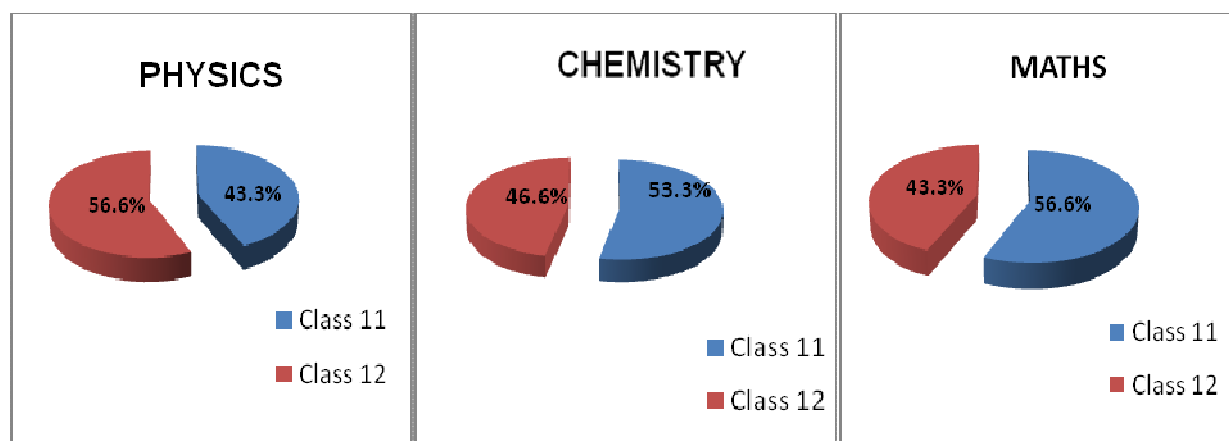
- Chemistry paper was relatively tougher than last year.
- Options were very close and student have to select wisely.
- Physical chemistry was tricky.
- Organic part was difficult.
- Inorganic chemistry was relatively easy.
- There are 3 questions in this paper which were asked in previous year's IIT JEE Advanced and JEE Mains papers.

MATHEMATICS

- Paper was lengthier as compared to previous years.
- 3 questions were asked from statistics, mathematical reasoning, sets & relation respectively which are not in the syllabus of JEE Advanced.
- There are 17 questions from 11th class and 13 questions from 12th class syllabus.
- 12 questions from algebra, 8 questions from calculus, 2 questions from trigonometry, 3 questions from vector & 3-D and 5 questions from coordinate geometry.
- 5 questions from past year's JEE Mains Online and IIT JEE Advanced got repeated in this paper.

QUESTION PAPER ANALYSIS (SYLLABUS FROM CLASS 11th AND 12th)

	PHYSICS		CHEMISTRY		MATHS	
	Class 11	Class 12	Class 11	Class 12	Class 11	Class 12
Total Q	13	17	16	14	17	13
Marks	52	68	64	56	68	52
% Marks	43.30%	56.60%	53.30%	46.60%	56.60%	43.30%



UNITWISE DISTRIBUTION TABLE

PHYSICS						
Topic	Ques	%age Portion	Very Easy	Easy	Average	Difficult
Mechanics	10	33.33%	0	1	6	3
Heat	2	6.66%	0	0	1	1
Electrodynamics	11	36.66%	1	3	5	2
Optics	2	6.66%	0	0	2	0
Modern Physics	5	16.65%	0	2	3	0
Total	30	100%	1	6	17	6

CHEMISTRY						
Topic	Ques	%age Portion	Very Easy	Easy	Average	Difficult
Physical	12	40%	0	2	3	5
Organic	9	30%	0	2	3	5
Inorganic	9	30%	0	4	6	0
Total	30	100%	0	8	12	10

MATHEMATICS						
Topic	Ques	%age Portion	Very Easy	Easy	Average	Difficult
Algebra	12	40%	2	2	4	4
Calculus	8	26.66%	0	2	3	3
Trigonometry	2	6.66%	0	0	0	2
Coordinate	5	16.66%	0	2	2	1
Vector-3D	3	10%	1	0	2	0
Total	30	100%	3	6	11	10

