

QUESTION PAPER ANALYSIS - JEE MAIN 2017

(PEN -PAPER EXAM 2nd APRIL 2017)



“This paper is slightly easier but lengthier as compared to that of last year. Since this year 2, 20,000 students will be selected for JEE Advanced hence expected cutoff will be almost similar to that of last year. It may be 98 – 103 marks. Score of 175 will be quite safer for the admission in good NIT.”

- Shailendra Maheshwari, Director Academics, Career Point, Kota

The most prestigious Entrance Exam of Engineering, JEE Main 2017 in pen-paper mode has been conducted on 2nd April 2017 (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

- Maths paper was lengthy as compared to that of previous year.
- Physics part was easy as compared to last year.
- Chemistry paper was average scoring.
- Chemistry Paper consisted one question from inorganic chemistry with incorrect formation.
- There were 3 questions in this paper which are exclusively from the syllabus of JEE Main only ie these are not included in the syllabus of JEE Advanced.
- This year's paper can be said a little easier compared to last year JEE Main exam.
- **This paper shows that JEE MAIN and JEE Advanced are two different exams as JEE MAIN needs high speed, accuracy and some factual information while JEE Advanced needs in depth knowledge of subject matter.**
- **Considering all these facts, this paper can be considered as slightly easier as compared to that of last year.**
- **Since number of students eligible for JEE Advance has been raised to 2, 20,000 from 2, 00,000, hence expected cut off will be almost same as that of last year.**

Subject Wise description of question paper**PHYSICS**

- Some questions are similar to previous year's papers.
- Some questions are simple conceptual questions but lengthy in calculation.
- One question based on X- Rays is out of JEE Mains Syllabus.
- 50% questions are average, 47% are easy & 3% questions are difficult.
- Overall paper was easy as compared to previous year papers.

CHEMISTRY

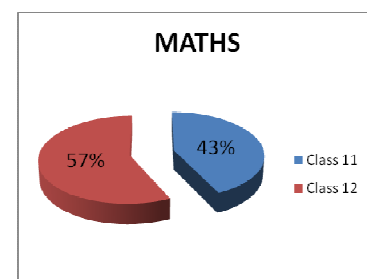
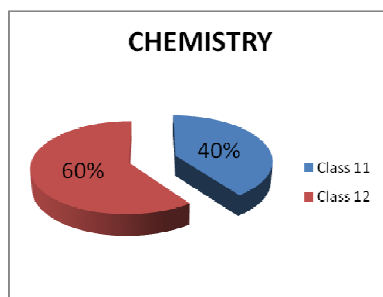
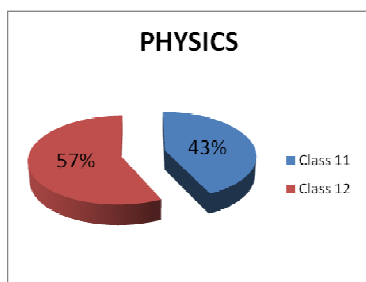
- Physical & inorganic parts were quite similar to the previous year paper.
- Organic part was difficult and was having few logical questions.
- One question of inorganic part contains incorrect data.
- All the topics are as per the NCERT syllabus.
- 73.33% questions are average, 23.3% are easy & 3.3% questions are difficult.
- Overall chemistry paper is above average and more scoring compared to last year's paper

MATHEMATICS

- In comparison to the previous Year Paper it was lengthy.
- Some of the questions specifically from Coordinate geometry were very lengthy .
- One questions from Mathematical Reasoning was there which is only in JEE Main syllabus.
- 63.4% questions are average, 20% are easy & 16.6% questions are difficult.
- Overall paper was average scoring Paper.

QUESTION PAPER ANALYSIS (SYLLABUS FROM CLASS 11 AND 12)

TYPE	PHYSICS		CHEMISTRY		MATHEMATICS	
	Class 11 Syllabus	Class 12 Syllabus	Class 11 Syllabus	Class 12 Syllabus	Class 11 Syllabus	Class 12 Syllabus
Total Que	13	17	12	18	13	17
Marks	52	68	48	72	52	68
% Marks	43%	57%	40%	60%	43%	57%



UNIT WISE DISTRIBUTION TABLE

PHYSICS						
Topic	No of Que	%age Portion	Very Easy	Easy	Average	Difficult
Mechanics	9	30%	1	4	3	1
Heat	4	14%	0	0	4	0
Electrodynamics	8	26%	0	2	6	0
Optics	3	10%	0	0	3	0
Modern Physics	6	20%	2	1	3	0
Total	30	100%	3	7	19	1
CHEMISTRY						
Topic	No of Que	%age Portion	Very Easy	Easy	Average	Difficult
Physical	11	36.66%	0	0	9	2
Organic	10	33.33%	0	1	5	4
Inorganic	9	30%	0	0	8	1
Total	30	100%	0	1	22	7
MATHEMATICS						
Topic	No of Que	%age Portion	Very Easy	Easy	Average	Difficult
Algebra	11	36.66%	0	1	8	2
Calculus	10	33.33%	0	5	4	1
Coordinate	4	13.33%	0	0	2	2
Vector-3D	3	10.00%	0	0	3	0
Trigonometry	2	6.66%	0	0	2	0
Total	30	100%	0	6	19	5

UNITWISE DISTRIBUTION CHARTS

