

QUESTION PAPER ANALYSIS - JEE MAIN 2015

(PEN -PAPER EXAM 04TH APRIL 2015)

The most prestigious Entrance Exam of Engineering, JEE Main 2015 in pen-paper mode has been conducted on 4th April 2015 (Saturday) from 09.30 am to 12.30 pm across the nation.

4 codes distributed to the students; A, B, C and 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 of code-A and answer key of all the codes are available on www.careerpoint.ac.in

Overall Analysis of Question Paper

- Chemistry and Maths paper were average.
- Physics paper was tedious as well as lengthy.
- If a student had covered complete syllabus properly then he/she might secure around 70% score easily.
- This year's paper can be said a little challenging if compared to last year JEE Main exam

Subject Wise description of question paper

PHYSICS

- It was a lengthy paper if compared to last year's paper.
- This year, some questions from "Heat & Thermodynamics" portion were difficult.
- Overall physics paper can be said a difficult paper.

CHEMISTRY

- It was an average paper.
- Portion from Physical Chemistry was lengthy and had some page filling calculations.
- But a student can score 60% to 70% marks if he had read syllabus completely.

MATHEMATICS

- This year's Maths paper is an average paper but if we talk about portion wise, Algebra was easy if compared to last year but Calculus was difficult.
- There were 3 questions from the syllabus (Mathematical Reasoning, Height & Distance & Statistics) which is not in JEE Advanced syllabus, so a student who had prepared JEE Advanced syllabus only might lose his/her precious 12 marks.
- SET A Q. No. 86 Conceptual mistake. Examiner has assumed that one particular bag will have exactly 3 balls. This Question is expected to be bonus.
- SET A Q. No. 77 Conceptually wrong question. This question expected to be bonus (at $X=1$, we can not divide Differential Equation by $\log x$).

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	11	19	15	15
Marks	52	68	44	76	60	60
% Marks	43.33%	56.67%	36.67%	63.33%	50%	50%

UNIT WISE DISTRIBUTION TABLE

PHYSICS						
Topic	No of Que	%age Portion	Very Easy	Easy	Average	Difficult
Mechanics	7	23.33%	0	0	4	3
SHM & Waves	2	06.66%	1	0	1	0
Heat & Thermodynamics	3	10%	0	0	0	3
Properties of Matter	1	03.33%	0	0	0	1
Electrodynamics	11	36.67%	0	0	7	4
Modern Physics	3	10%	0	0	1	2
Optics	3	10%	0	0	1	2
CHEMISTRY						
Topic	No of Que	%age Portion	Very Easy	Easy	Average	Difficult
Inorganic	12	40%	0	0	8	4
Physical	9	30%	0	4	3	2
Organic	9	30%	0	3	4	2
MATHEMATICS						
Topic	No of Que	%age Portion	Very Easy	Easy	Average	Difficult
Algebra	12	40%	0	1	7	4
Coordinate	5	16.66%	0	1	3	1
Calculus	8	26.66%	1	1	2	4
Trigonometry	2	06.66%	0	1	1	0
Vector-3D	3	10%	0	0	2	1