



QUESTION PAPER ANALYSIS AIEEE 2013 (NOW JEE MAIN)

(PEN - PAPER EXAM 7TH APRIL 2013)

The most prestigious entrance exam of Engineering, AIEEE 2013 (Now JEE Main) has been conducted on 7th April 2013 (Sunday) from 09.30 am to 12.30 pm across nation.

Number of questions in the paper was 90 and it was of 360 marks had 1/4th negative marks for wrong answer.

Detailed solution and answer key of all the codes are available on www.careerpoint.ac.in

Subject Wise description of question paper

PHYSICS

- Overall, it's a difficult paper if compared to previous year AIEEE paper.
- It seems CBSE felt that, last year's paper was less complex in terms of calculation part so this year they made a paper with lengthy calculation steps.
- If a student is conceptually strong, he must have solved this paper in a cake walk manner.
- This year the examiner has put more graphical questions compared to last year's AIEEE physics paper.
- It is good to say that examiner has justified with all the major portion of class 11 and 12 physics and covered almost all areas.
- Six questions in this paper couldn't be found in IIT JEE (JEE Advance) syllabus, so the students who prepared only for AIEEE (JEE Main) must have an extra edge then IIT JEE Fellows.

CHEMISTRY

- Overall difficulty level of JEE Main 2013 Chemistry paper is almost similar to previous year AIEEE paper.
- In separate sections, Organic Chemistry was easier, inorganic was tougher and Physical Chemistry was nearly same as previous year AIEEE paper.
- One question from p-Block elements is wrong as none of the option in question has been found as suitable choice as per the question and one question from chemical bonding has 2 correct answers.

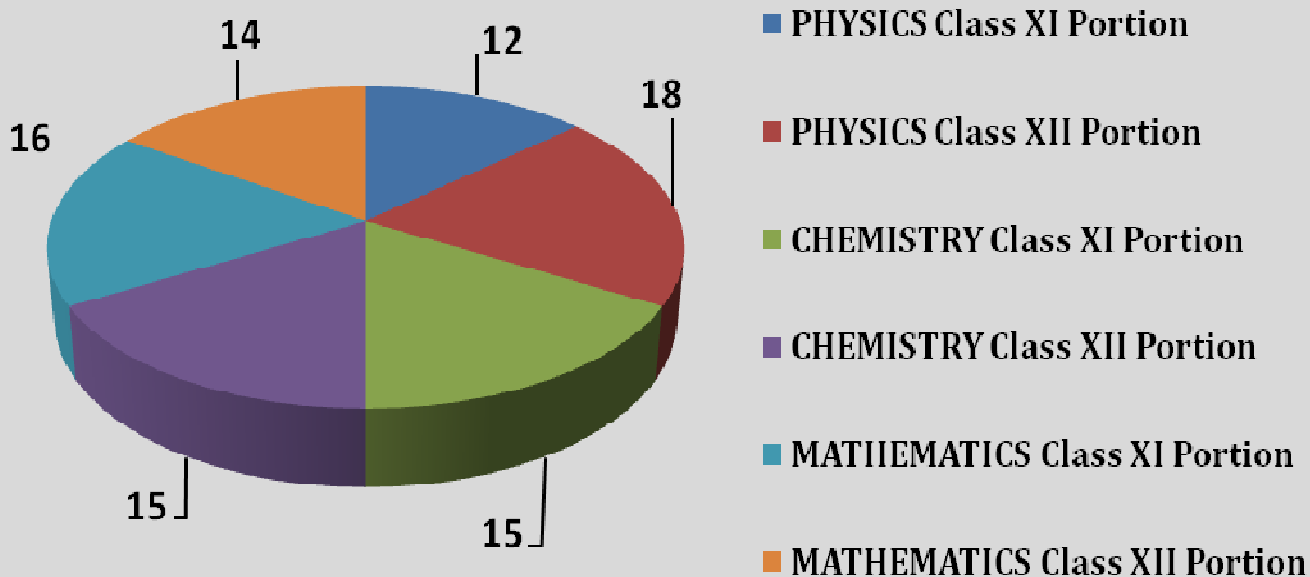
MATHEMATICS

- If compared to previous year, this year's Mathematics paper is an Easy one.
- One question each from Central Tendency and Mathematical Reasoning are there in this year paper which is not in IIT JEE (JEE Advance) syllabus.
- There are two questions; one from vector and one from 3D geometry, which are repeated exactly from last year AIEEE Maths paper.
- Over all it is a good and balanced paper and a easy one if student had prepared the subject without cramming it.

QUESTION PAPER GRAPHICAL ANALYSIS

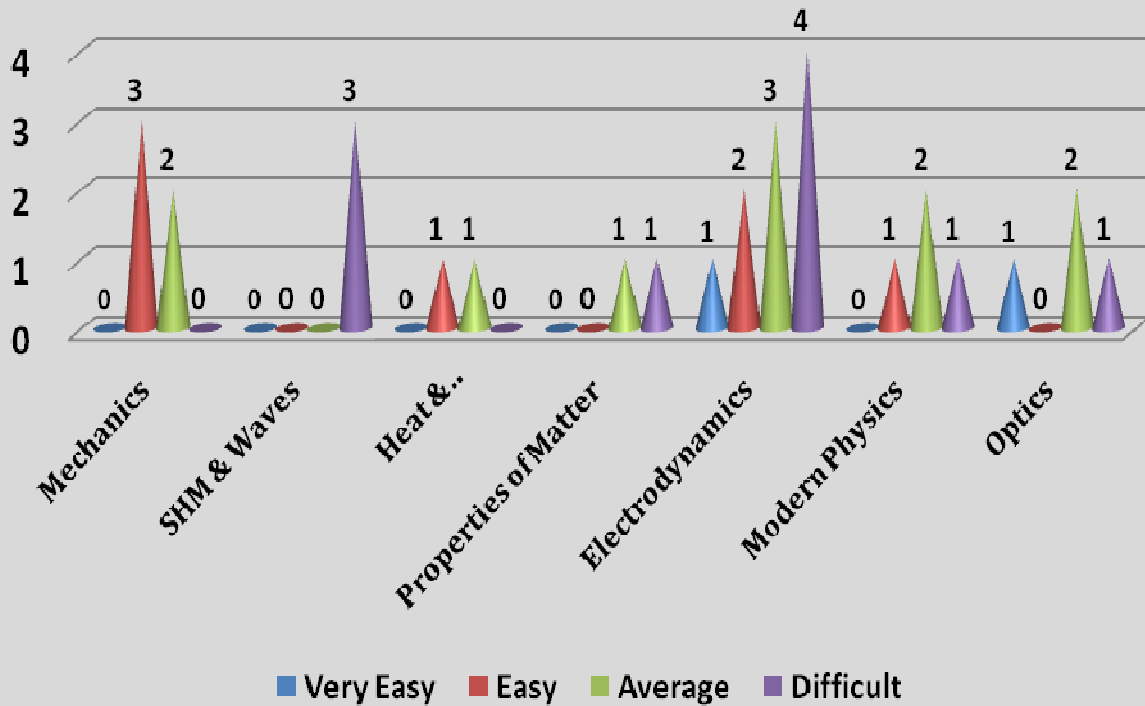
On the Basis of Portion distribution of Class XI and Class XII Syllabus, Detailed Table of Subject wise distribution

Total Number Of Questions from Class 11 and 12 Portion.

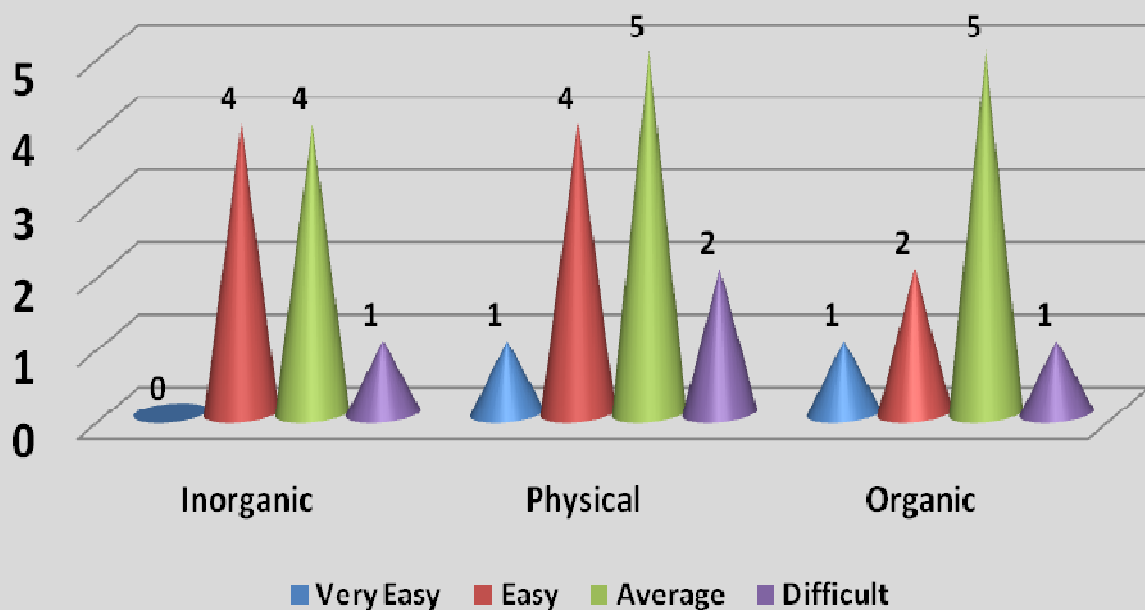


TYPE	PHYSICS		CHEMISTRY		MATHEMATICS	
	Class XI Portion	Class XII Portion	Class XI Portion	Class XII Portion	Class XI Portion	Class XII Portion
Total No Of Ques.	12	18	15	15	16	14
Marks	48	72	60	60	64	56
% Marks	40%	60%	50%	50%	54%	46%

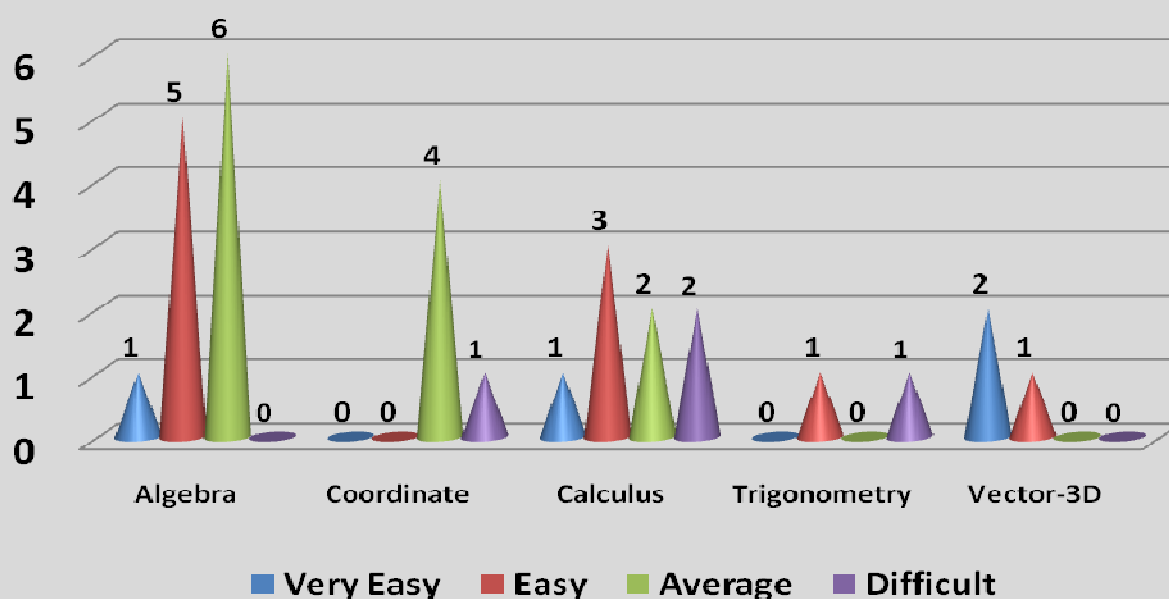
PHYSICS UNIT WISE ANALYSIS



CHEMISTRY UNIT WISE ANALYSIS



MATHEMATICS UNIT WISE ANALYSIS



Portion Analysis Table (At Scale of Number Of Question)

Topic	%age Portion	Very Easy	Easy	Average	Difficult
PHYSICS					
Mechanics	16%	-	3	2	-
SHM & Waves	10%	-	-	-	3
Heat & Thermodynamics	7%	-	1	1	-
Properties of Matter	7%	-	-	1	1
Electrodynamics	34%	1	2	3	4
Modern Physics	13%	-	1	2	1
Optics	13%	1	-	2	1
CHEMISTRY					
Inorganic	30%	-	4	4	1
Physical	40%	1	4	5	2
Organic	30%	1	2	5	1
MATHEMATICS					
Algebra	40%	1	5	6	-
Coordinate	17%	-	-	4	1
Calculus	26%	1	3	2	2
Trigonometry	7%	-	1	-	1
Vector-3D	10%	2	1	-	-