

AIEEE 2010 Analysis

AIEEE 2010 was a 3 hour paper with 90 questions in total for 432 marks - 30 questions in each of the subjects. Each subject had 24 questions of 4 marks and 6 questions of 8 marks - hence 144 marks in total per subject. There were 4 choices in all questions.

There were 4 versions - A,B,C and D. The order of the subject and the choices were completely jumbled in these 4 versions. In Mathematics, there were 5 questions of Assertion-Reasoning type, where as Physics had only 2. In Physics, there were 2 comprehension based sets - one with 3 questions and the other with 2 questions. Chemistry did not have any comprehension based or assertion-reasoning based questions.

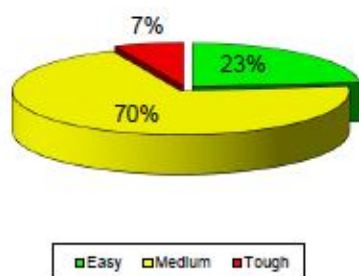
8 marks questions were generally tougher/time consuming compared to 4 mark questions. Many problems in Physics required sound conceptual understanding. The choices for many numerical are so wisely set that if the student makes a mistake in one of the step, he/she will end up in a wrong answer. Mathematics questions were more student friendly compared to previous year.

ANALYSIS OF PHYSICS PORTION OF AIEEE 2010

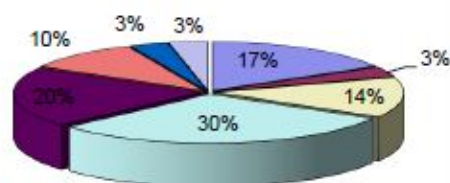
	XII Electricity	XI Heat & Thermodynamics	XII Magnetism	XI Mechanics	XII Modern Physics	XII Optics	XI Unit and Measurements	XI Waves	Total
Easy	1	0	0	3	3	0	0	0	7
Medium	4	0	4	5	3	3	1	1	21
Tough	0	1	0	1	0	0	0	0	2
Total	5	1	4	9	6	3	1	1	30

XI syllabus	12	XII syllabus	18
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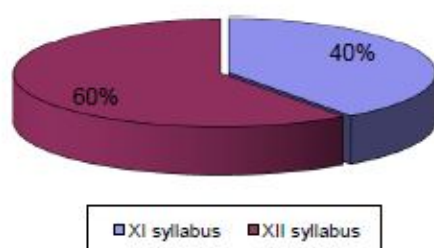
Distribution of Level of Questions in Physics



Topic wise distribution in Physics



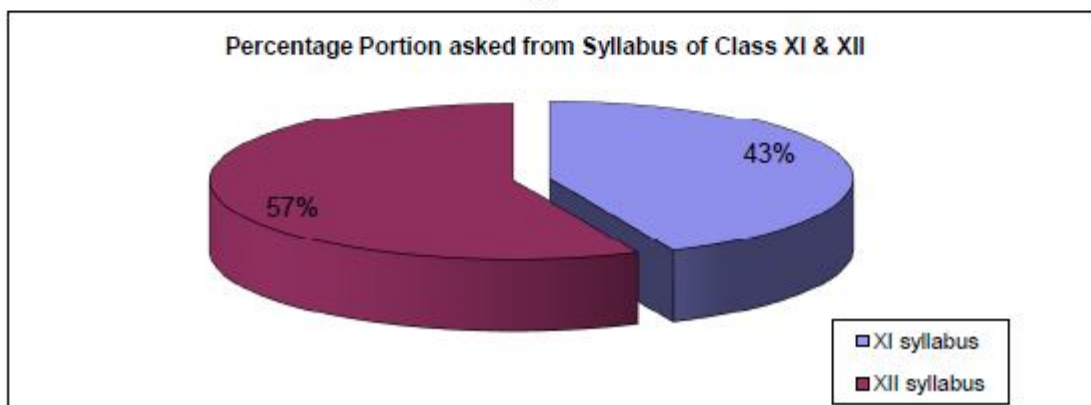
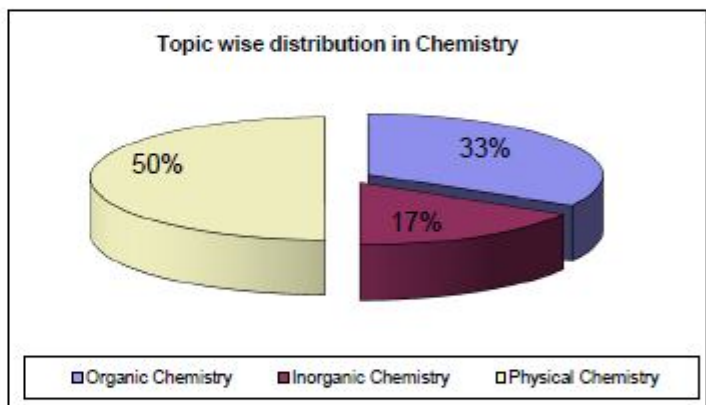
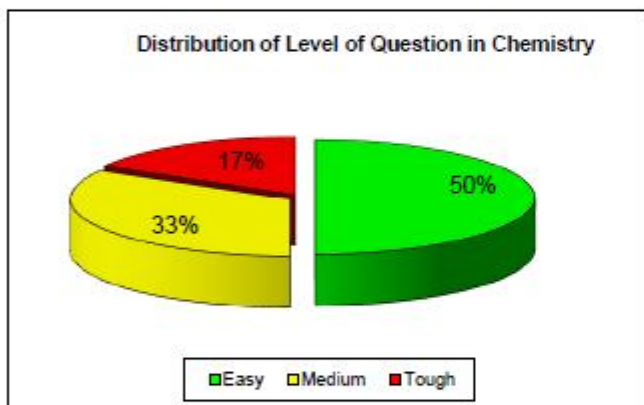
Percentage Portion asked from Syllabus of Class XI & XII



ANALYSIS OF CHEMISTRY PORTION OF AIEEE 2010

	Organic Chemistry	Inorganic Chemistry	Physical Chemistry	Total
Easy	7	2	6	15
Medium	2	2	6	10
Tough	1	1	3	5
Total	10	5	15	30

XI syllabus	13	XII syllabus	17
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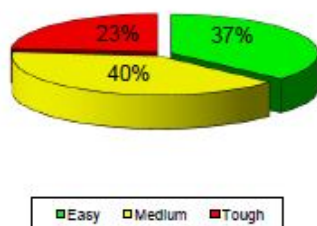
ANALYSIS OF MATHEMATICS PORTION OF AIEEE 2010

	XII	XI	XII	XI	XI	XI	XI	XII	XII	Total
	Calculus	Trigonometry	Algebra (XII)	Algebra (XI)	Coordinate Geometry	Probability	Statistics	3-D (XII)	Vectors	
Easy	4	0	0	0	2	1	1	1	2	11
Medium	2	1	1	4	1	1	1	1	0	12
Tough	3	1	2	1	0	0	0	0	0	7
Total	9	2	3	5	3	2	2	2	2	30

XI syllabus	14
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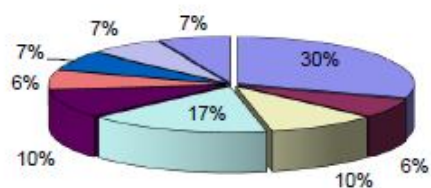
XII syllabus	16
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Distribution of Level of Questions in Mathematics



- Calculus
- Trigonometry
- Algebra (XII)
- Algebra (XI)
- Coordinate Geometry
- Probability
- Statistics
- 3-D (XII)
- Vectors

Topic wise distribution in Mathematics



Percentage Portion asked from Syllabus of Class XI & XII

