AIEEE-All India Entrance Test for admission into various engineering courses in different engineering colleges and institutes in the country has hit the imagination of school going students more than any other entrance test conducted at this level. Every year, lakhs and Lakhs of students toil hard to succeed in this exam.

Without argument, you need to be very well versed with the pattern as well as the level of the questions asked in the exam.

A CHAPTERWISE analysis of previous year's questions is called for here. With this objective in mind, we are giving below the chapter wise analysis (break-up) of questions asked in last 7 years (2002-08) of AIEEE in each of the subjects of Physics, Chemistry

		Years						
Sr No	Chapters	02	03	04	05	06	07	
1.	Units, Dimensions and Vectors	1	3	2	1	2		
2.	Kinematics	3	3	4	5	1	2	
3.	Laws Of Motion	7	8	4	4	3	1	
4.	Work Power and Energy	2	3	5	5	3	1	
5.	Centre of Mass, Impulse and Momentum	1	0		3	3	1	
6.	Rotation	4	3	3	2	2	3	
7.	Gravitation	4	3	4	3			
8.	Simple Harmonic Motion	4	5	5	4	3	3	
9.	Solids and Fluids	1	0	2	2	1		
10.	Waves	3	2	1	2	2	2	
11.	Heat and Thermodynamics	10	5	6	5	3	4	
12.	Optics	4	4	4	6	1	2	
13.	Current Electricity	7	8	8	7	7	1	
14.	Electrostatics	5	5	4	5	2	5	
15.	Magnetics	5	5	6	6	2	4	
16.	Electromagnetic Induction	5	5	6	5	5	2	
17.	Modern Physics	9	13	11	10	15	9	
	Total No of Questions	75	75	75	75	55	40	
	Maximum Marks					180	120	

and Mathematics

PHYSICS

CHEMISTRY

		Years					
Sr No	Chapters	02	03	04	05	06	

Sr No	Chapters					
1.	Mole Concept	1		2	1	1
2.	Acid-Base Titrations	1	1	1	1	
3.	Redox Reactions	5		3	2	1
4.	Gaseous State	2	2	3	1	1
5.	Thermochemistry		2	2	1	2
6.	Thermodynamics	3	3		2	1
7.	Atomic Structure	2	3	3	2	3
8.	Chemical Bonding	7	3	3	5	6
9.	Chemical Equilibrium	2	4	4	3	2
10.	Ionic Equilibrium	4	4	1	2	
11.	Electrochemistry	4	5	5	3	3
12.	Chemical Kinetics	6	3	1	3	3
13.	Collogative Properties	2	4	3	4	2
14.	Solid State	1		1	2	1
15.	Surface Chemistry		1		2	1
16.	General Organic Chemistry	5	3	4	4	3
17.	Steriochemistry	3		3	1	
18.	Hydrocarbons	2	2	3	3	4
19.	Alkyl Halides			2	3	1
20.	Alcohols and Ethers		1	2	1	1
21.	Aldehydes and Ketones	1			1	
22.	Carboxylic Acids and their Derivatives	2	2	4	1	2
23.	Amines	2	2	1	1	
24.	Carbohydrates, Amino Acids and Polymers	3	4	3	4	2
25.	Aromatic Compounds	2	2	1	2	4
26.	Qualitative Analysis	1	1		1	
27.	Transition Elements and Coordination Chemistry	3	5	8	4	4
28.	Periodic Table and Representative Elements	6	17	8	9	6
29.	Metallurgy	3		2	3	
30.	Nuclear Chemistry	2	1	2	3	1
31.	Environmental Chemistry					
	Total No Of Questions	75	75	75	75	55
	Maximum Marks					180

MATHEMATICS

Sr No	Chapters	Years				
		02	03	04	05	06
1.	Sets, Relation and Functions	4	3	3	3	2
2.	Complex Numbers and Quadratic Equations	3	6	7	8	3
3.	Permutations and Combinations	3	4	2	2	1
4.	Mathematical Induction			1	1	
5.	Binomial Theorem and its Simple	2	2	2	3	2

	Application					
6.	Sequence and Series	1	1	3	1	2
7.	Exponential and Logarithmic Series	2	1	1	1	
8.	Matrices	3	3	3	5	2
9.	Statistics and Probability	7	5	5	5	2
10.	Trigonometry	12	5	5	3	3
11.	Mathematical Reasoning					
12.	Coordinate Geometry	10	9	11	10	7
13.	Limits, Continuity and Differentiability	9	8	8	9	6
14.	Intergral Calculus	7	7	7	7	4
15.	Differential Equation	4	2	2	2	1
16.	Three Dimensional Geometry	3	6	4	5	1
17.	Vector Algebra	5	7	5	4	2
18.	Statics		3	3	3	1
19.	Dynamics		3	3	3	1
	Total No of Questions	75	75	75	75	40
	Maximum Marks					180