

Chapterwise Weightage of Questions : AIEEE/JEE (Main)

		AIEEE										JEE (Main)			
Unit	Chapters	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
1.	Set Theory and Relation	1	1	1	1	1	1	1	1	1	0	1	1	0	
2.	Logarithms, Indices and Surds, Partial Fractions	0	0	0	0	0	0	0	0	0	0	0	0	0	
3.	Complex Numbers	3	4	1	1	1	1	1	1	1	1	1	1	1	
4.	Progressions	3	1	2	2	2	1	1	1	2	3	2	2	2	
5.	Quadratic Equations and Inequalities	4	4	4	1	1	1	1	1	1	2	2	1	1	
6.	Permutations and Combinations	2	2	1	1	1	1	2	1	1	2	0	2	1	
7.	Binomial Theorem and Mathematical Induction	3	4	1	1	2	1	0	1	1	1	1	1	1	
8.	Exponential and Logarithmic Series	1	1	0	1	0	0	0	0	0	1	0	0	0	
9.	Determinants and Matrices	3	5	2	2	3	2	3	2	2	1	2	2	2	
10.	Trigonometrical Ratios, Functions and Identities	2	1	2	0	0	1	1	1	1	1	1	0	0	
11.	Trigonometrical Equations, Properties of Triangles and Heights and Distances	1	1	1	1	1	0	1	0	0	1	1	1	2	
12.	Inverse Trigonometric Functions	1	1	0	1	1	0	0	0	0	0	0	1	0	
13.	Rectangular Cartesian Coordinates	1	2	1	0	0	1	0	0	0	1	0	0	1	
14.	Straight Line	2	2	1	2	1	1	1	1	0	0	2	1	0	
15.	Pair of Straight Lines	2	1	1	1	0	0	0	0	0	0	0	0	0	
16.	Circle and System of Circles	3	3	2	1	1	1	1	1	1	1	1	1	2	
17.	Conic Sections	3	2	2	3	2	1	1	1	3	2	2	2	2	
18.	Vector Algebra	5	6	2	2	2	2	2	2	2	1	1	1	1	
19.	Coordinate Geometric of Three Dimensions	4	3	1	3	2	1	2	2	4	2	2	2	2	
20.	Functions, Limits, Continuity and Differentiability	6	6	2	2	2	3	2	3	2	1	1	2	3	
21.	Differentiation and Applications of Derivatives	4	5	3	3	2	3	3	3	3	1	3	2	2	
22.	Indefinite Integral	2	1	1	1	1	0	0	0	1	1	1	1	1	
23.	Definite Integral and Area Under Curves	6	6	3	3	2	2	2	2	1	3	2	2	2	
24.	Differential Equations	2	2	1	1	2	1	1	2	0	1	1	1	1	
25.	Probability	3	3	1	2	2	2	2	2	1	1	1	1	1	
26.	Measures of Central Tendency and Dispersion	2	2	1	1	1	2	1	1	1	1	1	1	1	
27.	Mathematical Logic and Boolean Algebra	0	0	0	0	2	1	1	1	1	1	1	1	1	
28.	Numerical Methods	6	6	3	3	0	0	0	0	0	0	0	0	0	
	Total Questions	75	75	40	40	35	30	30	30	30	30	30	30	30	

Chapterwise Weightage of Questions : IIT-JEE/JEE (Advance)

		IIT-JEE										JEE (Advance)			
Unit	Chapters	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
1.	Set Theory and Relation	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.	Logarithms, Indices and Surds, Partial Fractions	0	0	0	0	0	0	0	1	1	1	0	0	0	
3.	Complex Numbers	2	3	1	2	4	1	2	2	1	4	1	2	1	
4.	Progressions	2	1	1	6	1	1	2	1	3	1	1	2	1	
5.	Quadratic Equations and Inequations	3	0	2	4	1	2	1	3	1	0	2	1	1	
6.	Permutations and Combinations	2	0	1	1	1	1	1	0	1	0	3	1	0	
7.	Binomial Theorem and Mathematical Induction	1	1	0	0	0	0	1	0	0	1	1	1	1	
8.	Exponential and Logarithmic Series	4	0	4	0	1	3	5	3	3	2	2	2	4	
9.	Determinants and Matrices	0	0	0	0	0	0	0	0	0	0	0	0	0	
10.	Trigonometrical Ratios, Functions and Identities	1	1	1	0	0	1	0	0	1	0	1	0	1	
11.	Trigonometrical Equations, Properties of Triangles and Heights and Distances	1	1	3	4	0	3	5	2	1	1	0	3	2	
12.	Inverse Trigonometric Functions	1	0	0	1	1	0	0	0	0	2	0	0	0	
13.	Rectangular Cartesian Coordinates	0	0	1	0	2	0	2	0	0	0	0	0	0	
14.	Straight Line	0	0	0	2	1	1	1	1	1	2	0	0	0	
15.	Pair of Straight Lines	1	0	0	0	1	0	0	0	0	0	0	0	0	
16.	Circle and System of Circles	2	1	1	3	4	3	1	2	3	1	1	1	1	
17.	Conic Sections	2	2	3	1	3	5	4	5	3	3	3	6	4	
18.	Vector Algebra	2	2	2	3	2	1	3	3	3	3	2	4	2	
19.	Coordinate Geometric of Three Dimensions	3	2	1	2	4	2	3	3	1	4	1	1	1	
20.	Functions, Limits, Continuity and Differentiability	3	6	2	6	2	2	2	5	5	5	11	6	4	
21.	Differentiation and Applications of Derivatives	6	3	4	2	7	4	5	3	5	2	2	1	2	
22.	Indefinite Integral	0	0	1	1	1	0	0	0	1	0	0	0	0	
23.	Definite Integral and Area Under Curves	5	7	3	1	5	3	4	4	2	2	5	9	4	
24.	Differential Equations	2	2	1	2	1	0	1	2	1	1	1	2	2	
25.	Probability	3	2	4	3	2	3	2	3	3	5	3	3	4	
26.	Measures of Central Tendency and Dispersion	0	0	2	0	1	3	2	0	0	0	0	0	0	
27.	Mathematical Logic and Boolean Algebra	0	0	0	0	0	0	0	0	0	0	0	0	0	
28.	Numerical Methods	0	0	0	0	0	0	0	0	0	0	0	0	0	
29.	Computing and Binary Operations	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Total Questions	46	34	38	44	45	39	47	43	40	40	40	46	46	