

# ANALYSIS OF JEE ADVANCED (PAPER-I) 2018

## Subject- Wise Difficulty Level

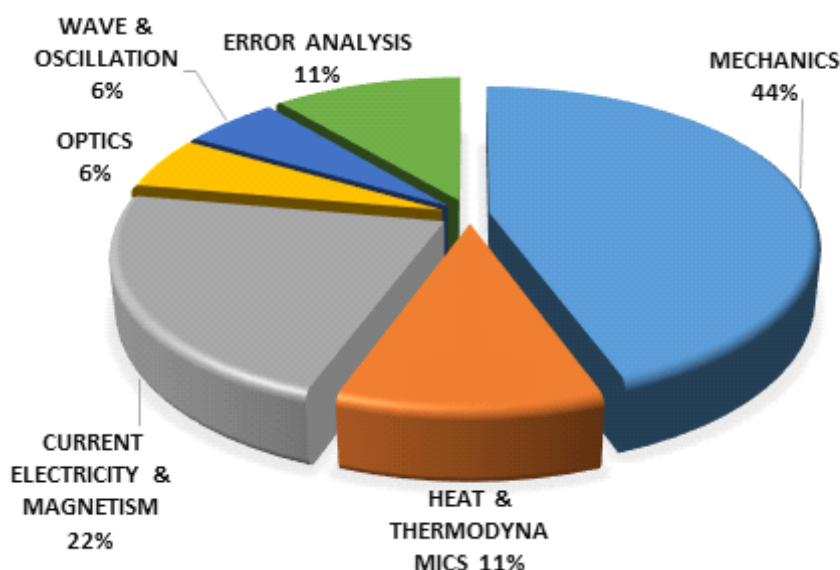
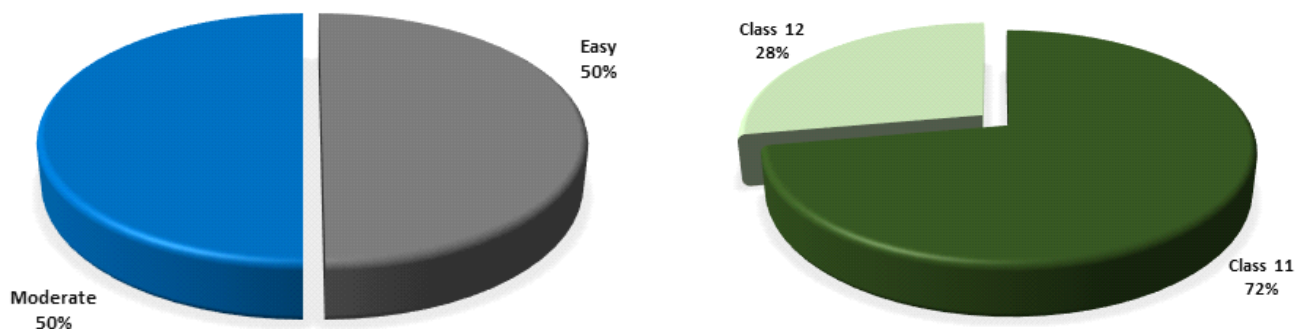
S. No.	SUBJECT	11 Syllabus/ 12 Syllabus	EASY	MODERATE	DIFFICULT
1	Physics	13 / 5	9	9	0
2	Chemistry	5 / 13	4	9	5
3	Mathematics	8 / 10	8	7	3

## Topic-Wise Break up Analysis (for All Subjects)

TOPIC-WISE MARKS DISTRIBUTION				
S. NO.	SUBJECT	TOPIC	No. of QUES.	MARKS
1	PHYSICS	MECHANICS	8	27
		HEAT & THERMODYNAMICS	2	7
		CURRENT ELECTRICITY & MAGNETISM	4	14
		OPTICS	1	3
		WAVE & OSCILLATION	1	3
		ERROR ANALYSIS	2	6
2	CHEMISTRY	PHYSICAL CHEMISTRY	7	22
		ORGANIC CHEMISTRY	6	20
		INORGANIC CHEMISTRY	5	18
3	MATHEMATICS	ALGEBRA	6	19
		CALCULUS	5	18
		CO-ORDINATE GEOMETRY	2	6
		TRIGONOMETRY	3	10
		VECTOR & 3-D GEOMETRY	2	7

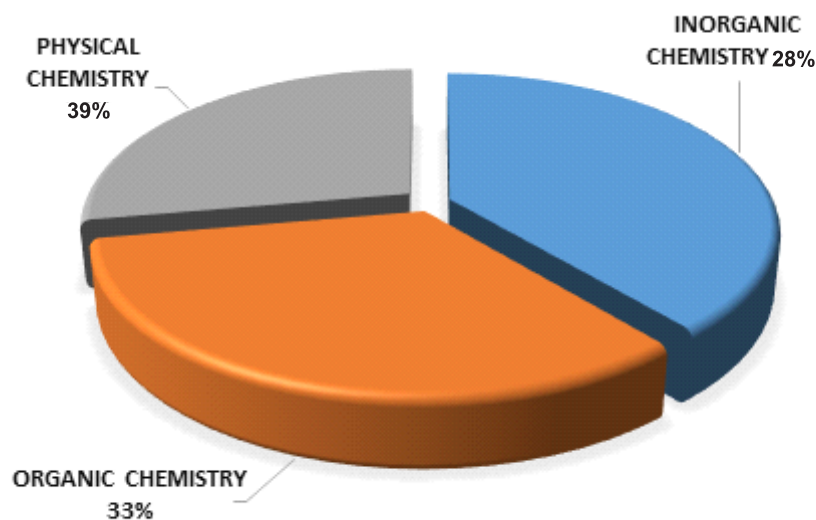
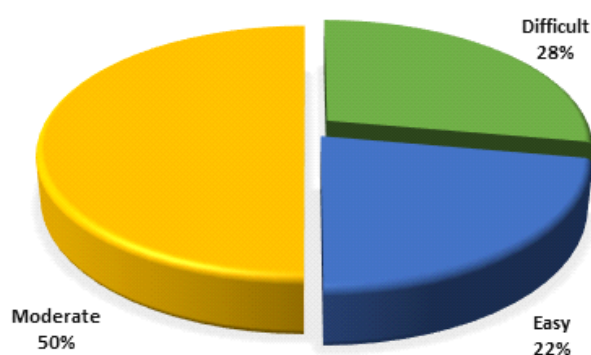
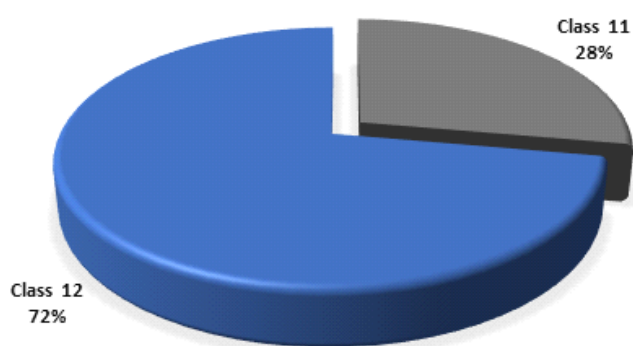
# SUBJECT: PHYSICS

Q. NO.	QUES. TYPE	TOPIC	CLASS	DIFFICULTY LEVEL
1	Multiple Correct Type	Work, Power & Energy	11	Moderate
2	Multiple Correct Type	Rotation	11	Moderate
3	Multiple Correct Type	Fluid Mechanics	11	Easy
4	Multiple Correct Type	EMI & AC	12	Moderate
5	Multiple Correct Type	Magnetism	12	Easy
6	Multiple Correct Type	Heat & Thermodynamics	11	Easy
7	Numerical Value Type	Vector	11	Easy
8	Numerical Value Type	Wave	11	Moderate
9	Numerical Value Type	Rotation	11	Moderate
10	Numerical Value Type	Impulse & Momentum	11	Moderate
11	Numerical Value Type	Capacitor	12	Moderate
12	Numerical Value Type	Magnetism	12	Moderate
13	Numerical Value Type	Optics	12	Easy
14	Numerical Value Type	Heat & Thermodynamics	11	Easy
15	Passage Type	Unit & Dimension	11	Easy
16	Passage Type	Unit & Dimension	11	Easy
17	Passage Type	Error Analysis	11	Easy
18	Passage Type	Error Analysis	11	Moderate



# SUBJECT: CHEMISTRY

Q. NO.	QUES. TYPE	TOPIC	CLASS	DIFFICULTY LEVEL
1	Multiple Correct Type	p-Block	12	Easy
2	Multiple Correct Type	Co-ordination Compound	12	Moderate
3	Multiple Correct Type	Chemical Bonding	11	Moderate
4	Multiple Correct Type	Alkyl & Aryl halide	12	Easy
5	Multiple Correct Type	Aldehyde & Ketone	12	Moderate
6	Multiple Correct Type	Thermodynamics	11	Moderate
7	Numerical Value Type	Chemical Bonding+Co-ordination Compound	11 & 12	Easy
8	Numerical Value Type	s-Block+Co-ordination Compound	11 & 12	Difficult
9	Numerical Value Type	Solid State	12	Difficult
10	Numerical Value Type	Electrochemistry	12	Easy
11	Numerical Value Type	Gaseous State	11	Moderate
12	Numerical Value Type	Liquid Solution	12	Moderate
13	Numerical Value Type	Ionic Equilibrium	11	Moderate
14	Numerical Value Type	Liquid Solution	12	Difficult
15	Passage Type	Aldehyde & Ketone	12	Moderate
16	Passage Type	Carboxylic Acids & Derivatives	12	Moderate
17	Passage Type	Alcohol, Phenol & Ether	12	Difficult
18	Passage Type	Carboxylic Acids & Derivatives	12	Difficult



# SUBJECT: MATHEMATICS

Q. NO.	QUES. TYPE	TOPIC	CLASS	DIFFICULTY LEVEL
1	Multiple Correct Type	Complex Number	11	Moderate
2	Multiple Correct Type	Solution of Triangle	11	Easy
3	Multiple Correct Type	3-D Geometry	12	Easy
4	Multiple Correct Type	LCD + AOD	12	Difficult
5	Multiple Correct Type	LCD	12	Moderate
6	Multiple Correct Type	Definite Integral	12	Difficult
7	Numerical Value Type	Basic Mathematics	11	Easy
8	Numerical Value Type	Permutation & Combination	11	Easy
9	Numerical Value Type	Sequence & Series	11	Easy
10	Numerical Value Type	ITF	12	Moderate
11	Numerical Value Type	LCD	12	Moderate
12	Numerical Value Type	Vector	12	Moderate
13	Numerical Value Type	Trigonometric Equation	11	Moderate
14	Numerical Value Type	Area under Curve	12	Easy
15	Passage Type	Circle	11	Moderate
16	Passage Type	Circle	11	Easy
17	Passage Type	Probability	12	Easy
18	Passage Type	Probability	12	Difficult

