

# ANALYSIS OF JEE ADVANCED (PAPER–II) 2018

## Subject- Wise Difficulty Level

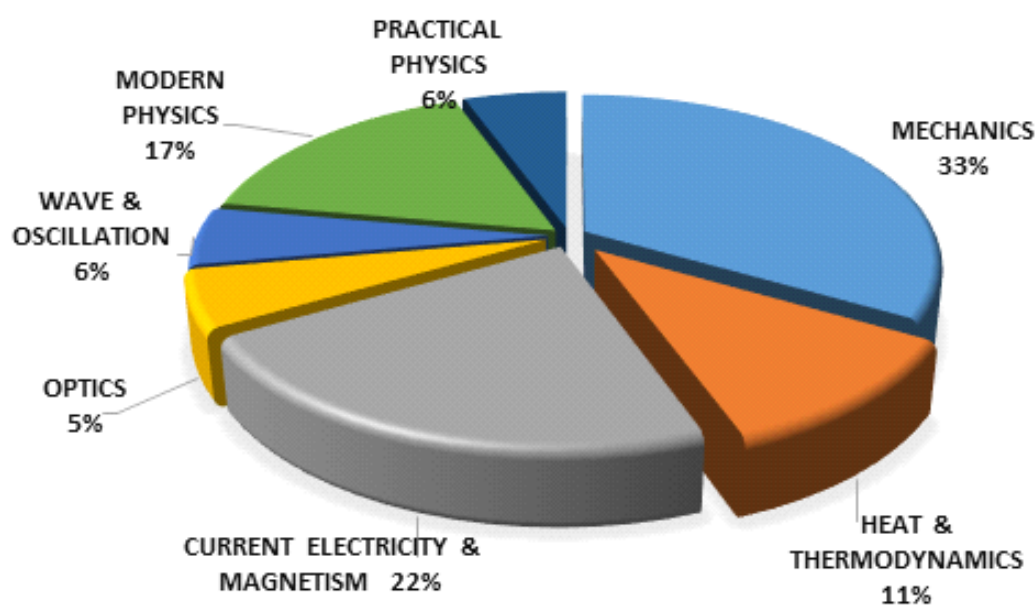
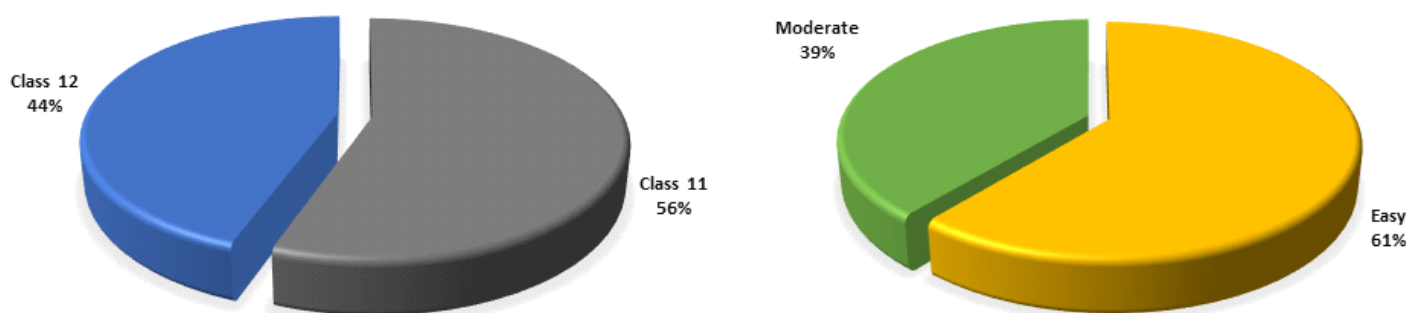
S. No.	SUBJECT	11 Syllabus/ 12 Syllabus	EASY	MODERATE	DIFFICULT
1	Physics	10 / 8	11	7	0
2	Chemistry	6 / 12	2	10	6
3	Mathematics	6 / 12	5	8	5

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

TOPIC-WISE MARKS DISTRIBUTION				
S. NO.	SUBJECT	TOPIC	No. of QUES.	MARKS
1	PHYSICS	MECHANICS	6	20
		HEAT & THERMODYNAMICS	2	6
		CURRENT ELECTRICITY & MAGNETISM	4	13
		OPTICS	1	4
		WAVE & OSCILLATION	1	4
		MODERN PHYSICS	3	10
		PRACTICAL PHYSICS	1	3
2	CHEMISTRY	PHYSICAL CHEMISTRY	7	23
		ORGANIC CHEMISTRY	6	20
		INORGANIC CHEMISTRY	5	17
3	MATHEMATICS	ALGEBRA	5	17
		CALCULUS	8	26
		CO-ORDINATE GEOMETRY	3	11
		VECTOR & 3-D GEOMETRY	2	6

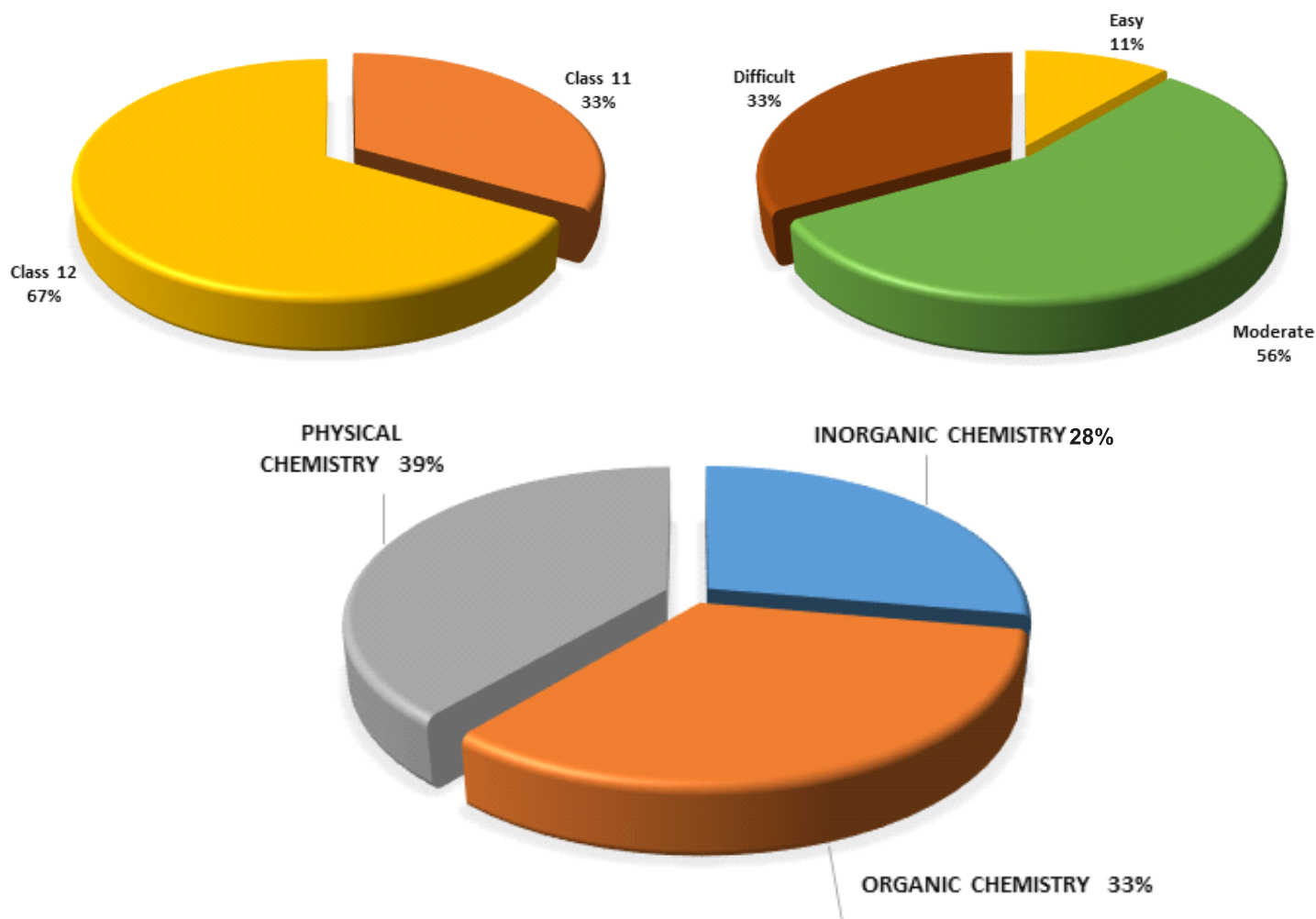
# SUBJECT: PHYSICS

Q. NO.	QUES. TYPE	TOPIC	CLASS	DIFFICULTY LEVEL
1	Multiple Correct Type	Kinematics	11	Moderate
2	Multiple Correct Type	Fluid Mechanics	11	Easy
3	Multiple Correct Type	Electrostatics	12	Easy
4	Multiple Correct Type	Optics	12	Moderate
5	Multiple Correct Type	Modern Physics	12	Easy
6	Multiple Correct Type	Wave	11	Moderate
7	Numerical Value Type	Impulse & Momentum	11	Moderate
8	Numerical Value Type	Kinematics	11	Easy
9	Numerical Value Type	Electrostatics	12	Easy
10	Numerical Value Type	Magnetism	12	Moderate
11	Numerical Value Type	Practical Physics	11	Easy
12	Numerical Value Type	Heat & Thermodynamics	11	Easy
13	Numerical Value Type	Modern Physics	12	Moderate
14	Numerical Value Type	Modern Physics	12	Easy
15	Column Matching Type	Electrostatics	12	Easy
16	Column Matching Type	Gravitation	11	Easy
17	Column Matching Type	Heat & Thermodynamics	11	Easy
18	Column Matching Type	Rotation	11	Moderate



# SUBJECT: CHEMISTRY

Q. NO.	QUES. TYPE	TOPIC	CLASS	DIFFICULTY LEVEL
1	Multiple Correct Type	Co-ordination Compound	12	Moderate
2	Multiple Correct Type	Qualitative Analysis	12	Difficult
3	Multiple Correct Type	Amines	12	Difficult
4	Multiple Correct Type	Biomolecules	12	Moderate
5	Multiple Correct Type	Chemical Kinetics	12	Easy
6	Multiple Correct Type	Thermodynamics	11	Difficult
7	Numerical Value Type	Chemical Bonding	11	Moderate
8	Numerical Value Type	Metallurgy	12	Moderate
9	Numerical Value Type	Stoichiometry	11	Moderate
10	Numerical Value Type	Isomerism	11	Difficult
11	Numerical Value Type	Amines	12	Easy
12	Numerical Value Type	Thermodynamics	11	Difficult
13	Numerical Value Type	Chemical Kinetics	12	Moderate
14	Numerical Value Type	Electrochemistry	12	Difficult
15	Column Matching Type	Co-ordination Compound	12	Moderate
16	Column Matching Type	Alcohol, Phenol & Ether	12	Moderate
17	Column Matching Type	Alkyl & Aryl halide	12	Moderate
18	Column Matching Type	Ionic Equilibrium	11	Moderate



# SUBJECT: MATHEMATICS

Q. NO.	QUES. TYPE	TOPIC	CLASS	DIFFICULTY LEVEL
1	Multiple Correct Type	ITF + LCD	12	Moderate
2	Multiple Correct Type	Circle + Straight line	11	Difficult
3	Multiple Correct Type	Matrices	12	Moderate
4	Multiple Correct Type	Straight line + Conics	11	Difficult
5	Multiple Correct Type	Complex Number	11	Moderate
6	Multiple Correct Type	LCD	12	Moderate
7	Numerical Value Type	Definite Integral	12	Moderate
8	Numerical Value Type	Matrices	12	Difficult
9	Numerical Value Type	Function	12	Easy
10	Numerical Value Type	Differential Equation	12	Easy
11	Numerical Value Type	Functional Equation	12	Moderate
12	Numerical Value Type	3-D Geometry	12	Moderate
13	Numerical Value Type	Vector	12	Easy
14	Numerical Value Type	Binomial Theorem	11	Easy
15	Column Matching Type	ITF + Function	12	Difficult
16	Column Matching Type	Permutation & Combination	11	Moderate
17	Column Matching Type	Hyperbola	11	Easy
18	Column Matching Type	LCD	12	Difficult

