

JEE MAIN 2018 PAPER ANALYSIS (OFFLINE – 8 APRIL, 2018)

by Nivedita Classes

QUESTIONS & MARKS DISTRIBUTION

SUBJECTS	CLASS 11		CLASS 12	
	NO. OF QUESTIONS	% WEIGHTAGE	NO. OF QUESTIONS	% WEIGHTAGE
Chemistry	15	50%	15	50%
Physics	13	43%	17	57%
Mathematics	15	50%	15	50%
Total	43	47.78%	47	52.22%

QUESTIONS DIFFICULTIES LEVEL DISTRIBUTION

	EASY	MODERATE	HARD
Chemistry	13	10	7
Physics	13	14	3
Mathematics	7	13	10
Total	33	37	20

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CHAPTERWISE / TOPICWISE MARKS DISTRIBUTION

CHEMISTRY ANALYSIS			
UNIT & TOPIC NAME	NO OF QUESTIONS	TOTAL MARKS	(%) WEIGHTAGE
Inorganic Chemistry			
Chemical Bonding	4	16	13.33%
p-block	2	8	6.67%
Coordination Compounds	2	8	6.67%
Metallurgy	1	4	3.33%
Organic Chemistry			
General Organic Chemistry	2	8	6.67%
Alkyl Halide, Alcohol & Ether (Reaction Mechanism)	2	8	6.67%
Aromatic Compounds	2	8	6.67%
Biomolecules	1	4	3.33%
Grignard Reagent, Reduction, Oxidation & Hydrolysis	1	4	3.33%
Practical Organic Chemistry	1	4	3.33%
Environmental chemistry	1	4	3.33%
Physical Chemistry			
Chemical Equilibrium	1	4	3.33%
Gaseous State	1	4	3.33%
Ionic Equilibrium	4	16	13.33%
Thermodynamics and Thermochemistry	1	4	3.33%
Chemical Kinetics	1	4	3.33%
Electrochemistry	1	4	3.33%
Solid State	1	4	3.33%
Solution & Colligative Properties	1	4	3.33%
Grand Total	30	120	100.00%

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PHYSICS ANALYSIS			
UNIT NAME	NO OF QUESTIONS	TOTAL MARKS	(%) WEIGHTAGE
Electrodynamics	9	36	30.00%
Heat & Thermodynamics	2	8	6.67%
Mechanics	10	40	33.33%
Modern Physics	6	24	20.00%
Optics	2	8	6.67%
SHM & Waves	1	4	3.33%
Grand Total	30	120	100.00%

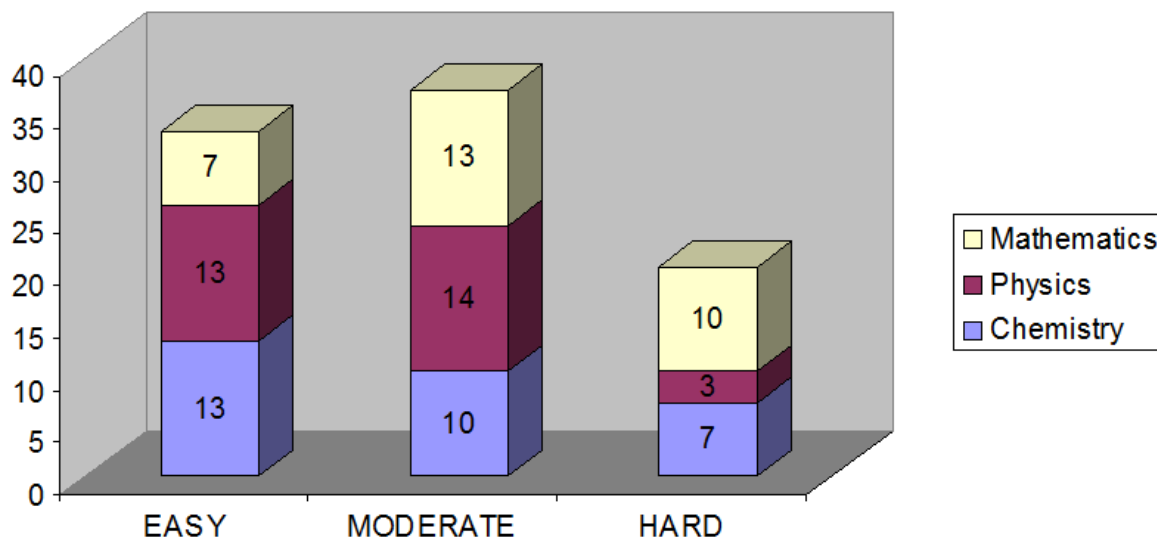
MATHEMATICS ANALYSIS			
UNIT NAME	NO OF QUESTIONS	TOTAL MARKS	(%) WEIGHTAGE
Binomial Theorem	1	4	3.33%
Complex Numbers	1	4	3.33%
Coordinate Geometry	5	20	16.67%
Differential Calculus	5	20	16.67%
Fundamentals of Mathematics	1	4	3.33%
Integral Calculus	4	16	13.33%
Matrix & Determinants	2	8	6.67%
Permutation & Combination	1	4	3.33%
Probability	1	4	3.33%
Sequence & Series	2	8	6.67%
Trigonometry	2	8	6.67%
Vector and 3D	3	12	10.00%
Mathematical Reasoning	1	4	3.33%
Statistics	1	4	3.33%
Grand Total	30	120	100.00%

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DIFFICULTY LEVEL DISTRIBUTION



JEE MAIN 2018 EXPECTED / TENTATIVE CUT-OFF

Expected cutoff for general category should be around **81**.