

JEE ADVANCED-2019

SUBJECT WISE ANALYSIS

PAPER-I & II

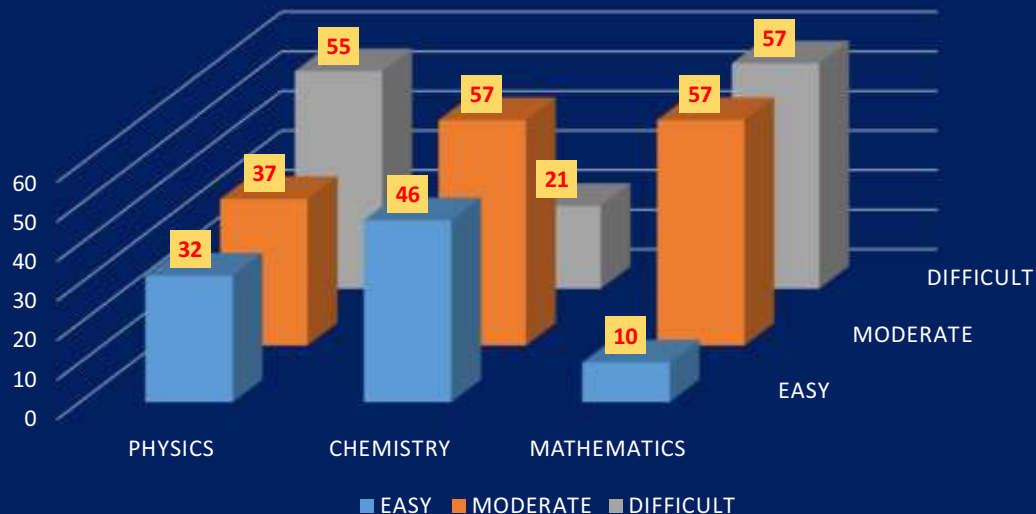


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DIFFICULTY LEVEL ANALYSIS : MARKS WISE

SUBJECT	PAPER-1				PAPER-2			
	EASY	MODERATE	DIFFICULT	TOTAL	EASY	MODERATE	DIFFICULT	TOTAL
PHYSICS	20	14	28	62	12	23	27	62
CHEMISTRY	25	29	8	62	21	28	13	62
MATHEMATICS	10	26	26	62	0	31	31	62
TOTAL	55	69	62	186	33	82	71	186

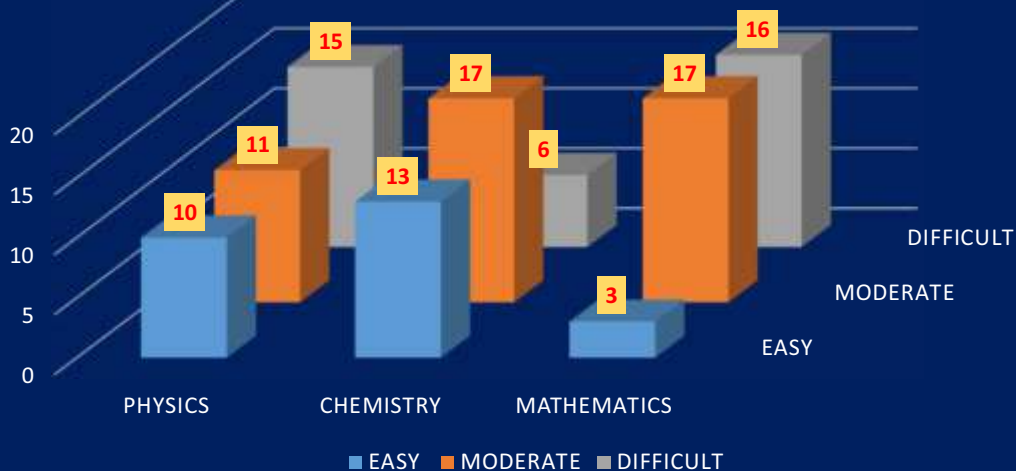
MARKS WISE



DIFFICULTY LEVEL ANALYSIS : QUESTION WISE

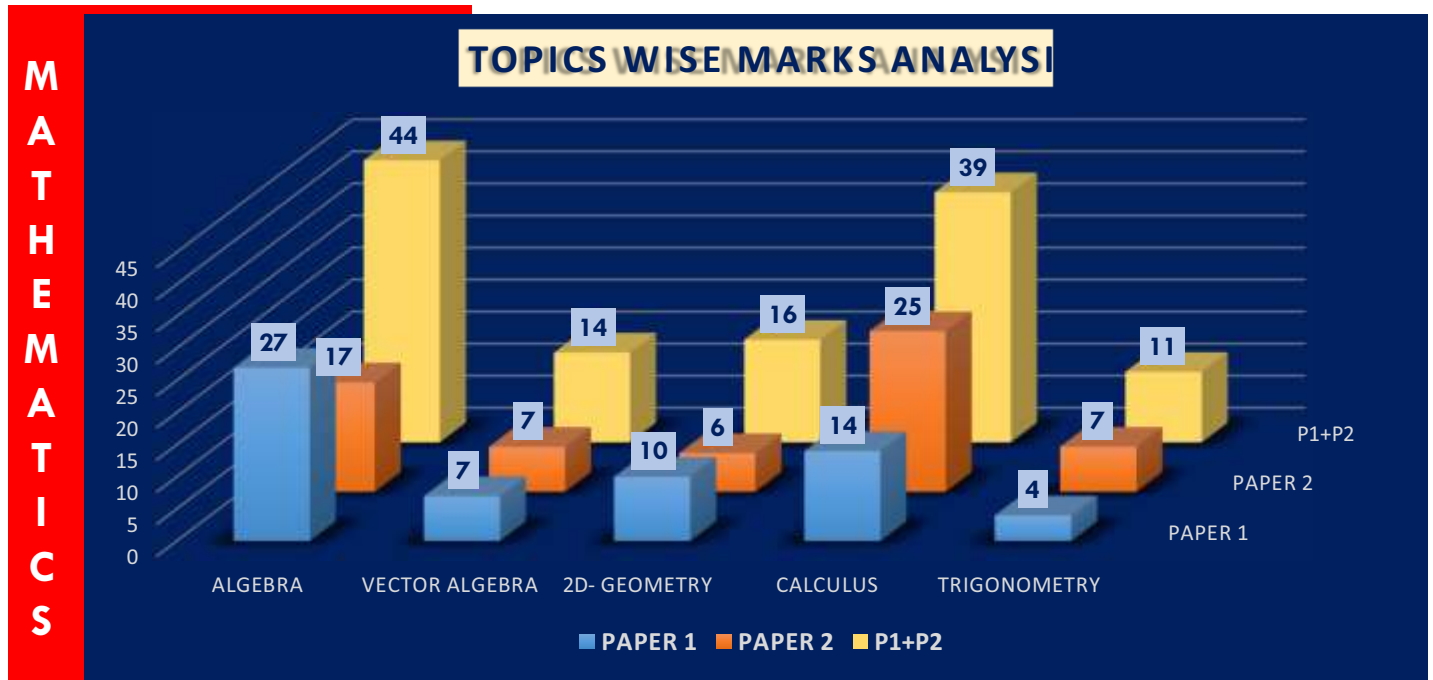
SUBJECT	PAPER-1				PAPER-2			
	EASY	MODERATE	DIFFICULT	TOTAL	EASY	MODERATE	DIFFICULT	TOTAL
PHYSICS	6	4	8	18	4	7	7	18
CHEMISTRY	7	9	2	18	6	8	4	18
MATHEMATICS	3	8	7	18	0	9	9	18
TOTAL	16	21	17	54	10	24	20	54

QUESTION



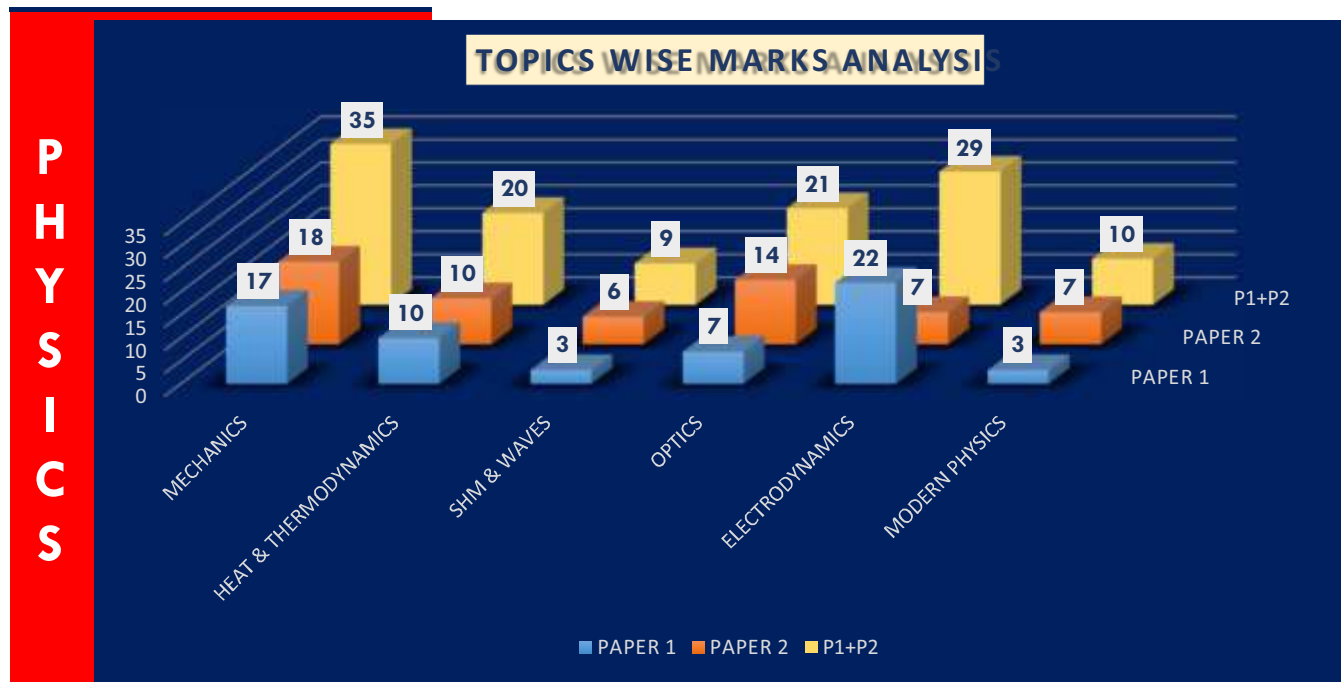
TOPICS WISE MARKS DISTRIBUTION

MATHEMATICS PAPER-1 & PAPER-2 ANALYSIS			PAPER-1 [62 Marks]					PAPER-2 [62 Marks]				
TOPIC NAME	Total	%	Sin gle	Mult iple	Nume rical	Marks	%	Mult iple	Numerical value	Matc hing	Marks	%
ALGEBRA	44	35.48	2	3	3	27	43.55	2	3		17	27.42
QUADRATIC EQUATIONS	4	3.23		1		4	6.45					
SEQUENCE & SERIES	3	2.42			1	3	4.84					
PERMUTATIONS & COMBINATIONS	3	2.42							1		3	4.84
COMPLEX NUMBERS	6	4.84	1		1	6	9.68					
PROBABILITY	10	8.06		1	1	7	11.29		1		3	4.84
MATRICES	18	14.52	1	1		7	11.29	2	1		11	17.74
VECTOR ALGEBRA	14	11.29		1	1	7	11.29	1	1		7	11.29
VECTORS	14	11.29		1	1	7	11.29	1	1		7	11.29
2D- GEOMETRY	16	12.9	1	1	1	10	16.13			2	6	9.68
CONIC SECTIONS	4	3.23		1		4	6.45					
CIRCLES	12	9.68	1		1	6	9.68			2	6	9.68
CALCULUS	39	31.45	1	2	1	14	22.58	4	1	2	25	40.32
FUNCTIONS	6	4.84								2	6	9.68
AREAS	3	2.42	1			3	4.84					
APPLICATION OF DERIVATIVE(TANGENTS & NORMALS)	4	3.23		1		4	6.45					
MAXIMA & MINIMA	4	3.23						1			4	6.45
DEFINITE INTEGRALS	14	11.29			1	3	4.84	2	1		11	17.74
LIMITS	4	3.23						1			4	6.45
CONTINUITY&DIFFERENTIABILITY	4	3.23		1		4	6.45					
TRIGONOMETRY	11	8.87		1		4	6.45	1	1		7	11.29
PROPERTIES OF TRIANGLE	4	3.23		1		4	6.45					
INVERSE TRIGNOMETRIC FUNCTIONS	7	5.65						1	1		7	11.29
TOTAL	124	100	4	8	6	62	100	8	6	4	62	100



TOPICS WISE MARKS DISTRIBUTION

PHYSICS PAPER-1 & PAPER-2 ANALYSIS			PAPER-1 [62 Marks]					PAPER-2 [62 Marks]				
TOPIC NAME	Total	%	Single	Multiple	Numerical	Marks	%	Multiple	Numerical value	Matching	Marks	%
MECHANICS	35	28.23	1	2	2	17	27.42	3	2		18	29.03
ERROR IN MEASUREMENT	7	5.65		1		4	6.45		1		3	4.84
KINAMETICS	3	2.42							1		3	4.84
NEWTONS LAW OF MOTION	4	3.23						1			4	6.45
WORK, POWER & ENERGY	4	3.23						1			4	6.45
COLLISION	3	2.42			1	3	4.84					
RIGID BODY DYNAMICS	4	3.23						1			4	6.45
GRAVITATION	3	2.42	1			3	4.84					
PROPERTIES OF FLUIDS	4	3.23		1		4	6.45					
PROPERTIES OF MATTER	3	2.42			1	3	4.84					
HEAT & THERMODYNAMICS	20	16.13	1	1	1	10	16.13	1		2	10	16.13
HEAT & THERMODYNAMICS	20	16.13	1	1	1	10	16.13	1		2	10	16.13
SHM & WAVES	9	7.26			1	3	4.84			2	6	9.68
WAVES & SOUND	9	7.26			1	3	4.84			2	6	9.68
OPTICS	21	16.94		1	1	7	11.29	2	2		14	22.58
RAY OPTICS	17	13.71		1	1	7	11.29	1	2		10	16.13
WAVE OPTICS	4	3.23						1			4	6.45
ELECTRODYNAMICS	29	23.39	1	4	1	22	35.48	1	1		7	11.29
ELECTROSTATICS	14	11.29	1	1	1	10	16.13	1			4	6.45
CAPACITANCE	4	3.23		1		4	6.45					
CURRENT ELECTRICITY	4	3.23		1		4	6.45					
ELECTRO MAGNETIC FIELD & FORCE	4	3.23		1		4	6.45					
ELECTRO MAGNETIC INDUCTION	3	2.42							1		3	4.84
MODERN PHYSICS	10	8.06	1			3	4.84	1	1		7	11.29
ATOMS & NUCLIER PHYSICS	7	5.65	1		3			1	1		7	11.29
TOTAL	124	100	4	8	6	62	100	8	6	4	62	100



TOPICS WISE MARKS DISTRIBUTION

CHEMISTRY PAPER-1 & PAPER-2 ANALYSIS			PAPER-1 [62 Marks]					PAPER-2 [62 Marks]				
TOPIC NAME	Total	%	Single	Multiple	Numerical	Marks	%	Multiple	Numerical value	Matching	Marks	%
INORGANIC CHEMISTRY	42	33.87	2	3	2	24	38.71	3	2		18	29.03
P-BLOCK ELEMENTS	16	12.9	1		2	9	14.52	1	1		7	11.29
D-BLOCK ELEMENTS	4	3.23		1		4	6.45					
CHEMICAL BONDING	4	3.23		1		4	6.45					
CO-ORDINATION COMPOUNDS	7	5.65		1		4	6.45		1		3	4.84
PRACTICAL INORGANIC CHEMISTRY	4	3.23						1			4	6.45
METALLURGY	7	5.65	1			3	4.84	1			4	6.45
ORGANIC CHEMISTRY	42	33.87	1	2	1	14	22.58	4	2	2	28	45.16
AROMATIC COMPOUNDS	13	10.48			1	3	4.84	1		2	10	16.13
G.O.C	3	2.42							1		3	4.84
ALCOHOLS	3	2.42							1		3	4.84
CARBONYL COMPOUNDS	8	6.45		1		4	6.45	1			4	6.45
HYDROCARBONS	4	3.23						1			4	6.45
CARBOXYLIC ACIDS & ITS DERIVATIVES	3	2.42	1			3	4.84					
POLYMERS	4	3.23						1			4	6.45
BIOMOLECULES	4	3.23		1		4	6.45					
PHYSICAL CHEMISTRY	40	32.26	1	3	3	24	38.71	1	2	2	16	25.81
CHEMICAL EQUILIBRIUM	3	2.42			1	3	4.84					
THERMODYNAMICS	4	3.23		1		4	6.45					
ATOMIC STRUCTURE	10	8.06						1		2	10	16.13
CHEMICAL KINETICS	6	4.84			1	3	4.84		1		3	4.84
SURFACE CHEMISTRY	0	0										
STATES OF MATTER	4	3.23		1		4	6.45					
NUCLEAR CHEMISTRY	4	3.23		1		4	6.45					
SOLUTIONS & COLLIGATIVE PROPERTIES	4	4.84			1	3	4.84		1		3	4.84
ELECTRO CHEMISTRY	3	2.42	1			3	4.84					
TOTAL	124	100	4	8	6	62	100	8	6	4	62	100

