

JEE Advanced 2013 – Physics Paper Analysis

JEE Advanced Physics has two papers viz. Paper - I and Paper – II with each paper consisting of 20 questions and 60 marks, total 120 marks.

Physics Paper - I was a bit easy and the students, those who have a good command on concepts can easily secure a respectable score.

Physics Paper – II, which involved lengthy calculation, was more difficult compared to Paper - 1.

OVERALL CLASS-WISE DISTRIBUTION OF QUESTIONS & MARKS

Subjects	Paper	No. of Questions		Marks	
		Class XI	Class XII	Class XI	Class XII
Physics	Paper 1	10	10	30	30
	Paper 2	9	11	27	33

QUESTIONS-WISE DIFFICULTY LEVEL

:

Subject	Easy	Moderate	Difficult	Total
Physics	16	19	5	40

MARKS-WISE DIFFICULTY LEVEL

PAPER - I

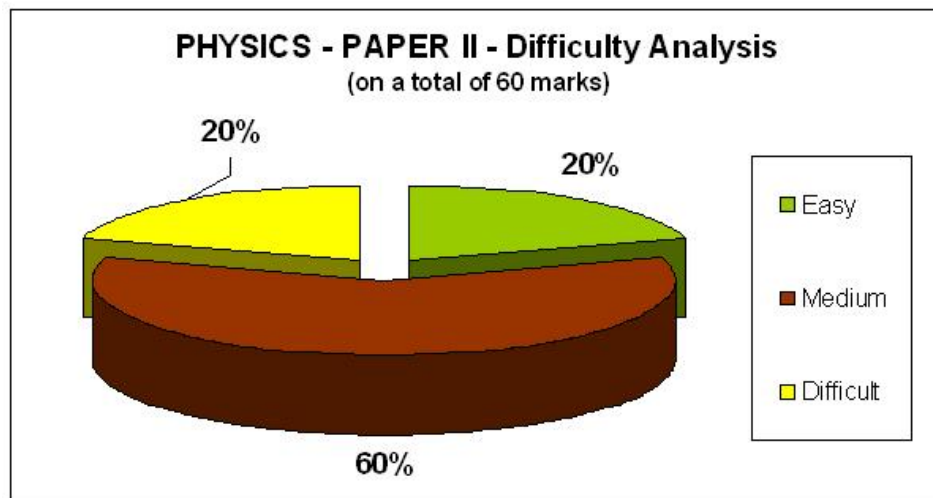
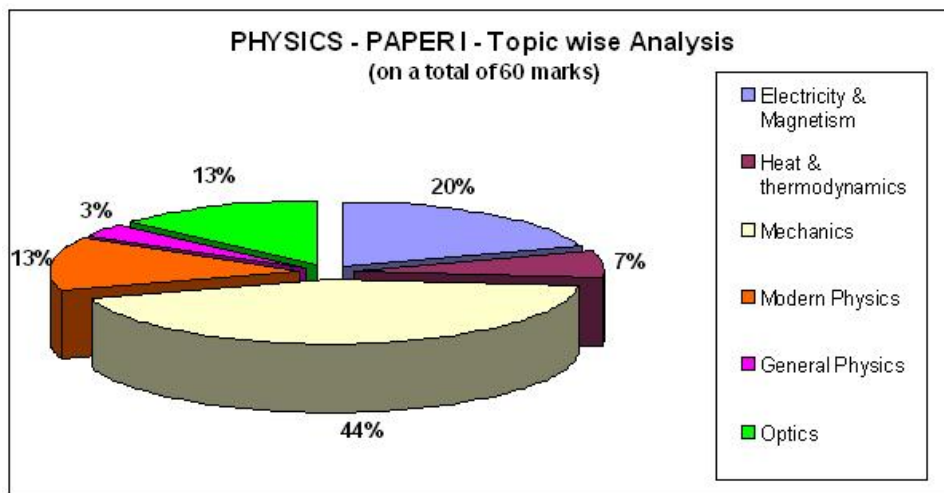
Subject	Easy	Moderate	Difficult	Total
Physics	40	47	13	60

PAPER - II

Subject	Easy	Moderate	Difficult	Total
Physics	20	60	20	60

OVER ALL MARKS WISE DIFFICULTY LEVEL

Subject	Easy	Moderate	Difficult	Total
Physics	48	58	14	120



TOPIC-WISE OVERALL MARKS ALLOCATION

Topics	No. of Questions	Total Marks
Nuclear Physics	4	13
Electro Magnetic Field	4	13
Work, Power and Energy	4	12
Modern Physics	3	9
Electro statistics	2	7
Geometrical and Physical Optics	3	7
Alternating Current	2	6
Center of Mass	2	5
Error in Measurement	2	5
Heat Transfer	2	5
KTG & Thermo Dynamics	2	5
Fluid Mechanics & Properties of Matter	1	4
Circular Motion	1	4
Waves	1	4
Capacitance	1	4
Rigid Body Dynamics	1	4
Unit and Dimension	1	3
Sound Waves	1	3
Gravitation	1	3

Elasticity and Viscosity	1	2
Wave Optics	1	2
Total	40	120