

PHYSICS

Chapter	Month	Chapters	Periods	Weight of Score
1	June	Electric Charges and Fields	14	4
2	June July	Electrostatic Potentials and Capacitors	11	4
3	July	Current Electricity	22	6
4	August	Moving Charges and Magnetism	18	5
5	August	Magnetism and Matter	7	3
6	September	Electromagnetic Induction	8	3
7	October	Alternating Current	12	4
8	October	Electromagnetic Waves	4	2
9	October November	Ray Optics and Optical Instruments	20	7
10	November	Wave Optics	10	4
11	November	Dual Nature of Matter and Radiation	8	3
12	December	Atoms	8	3
13	December	Nuclei	10	4
14	January	Semiconductor Electronics: Materials, Devices and Simple Circuits	18	5
15	January	Communication Systems	10	3
Total			180	60
	February	Revision		

Physics Practicals

Term	Units	Experiments	Periods	Remarks
1	Current Electricity	Experiments 1 to 8 (From Section A)	30	Any 12 Experiments from both Section A and Section B
	Moving Charges and Magnetism			
	Magnetism and Matter			
	Alternating Current	Experiments 1 to 10 (From Section B)	30	
2	Ray Optics and Optical Instruments			
	Semiconductor Electronics: Materials, Devices and Simple Circuits			
3	Model Practical Exam			

Note:

1. A minimum of 10 experiments should be done from Plus1 Practicals and an internal Practical Examination should be conducted at the end of First year course.
2. A minimum of 22(10+12) Experiments should be done from both Plus1 and Plus2 Practicals.