

Physics

Scheme of work-Theory

Chapter	Month	Topics	Period	Weightage of Marks
1.	June	Physical World	3	1
2.	June	Units and Measurement	12	4
3.	July	Motion in a straight line	12	4
4.	July	Motion in a plane	16	5
5.	August	Laws of Motion	16	6
6.	August	Work, Energy, Power	15	4
7.	September	Motion of Rigid bodies	19	5
8.	September	Gravitation	14	5
9.	October	Mechanics of Solids	5	2
10.	October	Mechanics of fluids	16	7
11.	November	Thermal Properties of matter	9	3
12.	November	Thermodynamics	9	4
13.	December	Kinetic Theory of Gases	6	2
14.	January	Oscillations	14	4
15.	January	Waves	14	4
			180	60

Physics

Scheme of work-Prctical

Month	Section	Units	Experiments	Periods
June-July	1	Units and Measurement	1. Scerew Gauge	3
			2. Vernier Calipers	3
			3. Sperometer	4
			4. Common Balance	4
August	2	Motion in a straight line	1. Parallelograam Appratus	3
		Motion in a plane	2. Inclined Plane	3
		Laws of Motion	3. Coefficient of Friction	3
		Work, Energy, Power		
September- October	3	Motion of Ridid bodies	1. Moment Bar	3
		Gravitation	2. Young's Modulus	4
		Mechanics of Solids	3. Helical Spring	3
		Mechanics of fluids	4. Viscosity	3
			5. Surface Tension	3
November	4	Thermal Properties of matter	1. Newton's law of cooling	3
		Thermodynamics	2. Specific Heat Capacity	3
		Kinetic Theory of Gases		
December - January	5	Oscillations	1. Simple Pendulum	3
		Waves	2. Helical Spring	4
			3. Sonometer	4
			4. Resonance Column	4
Total				60