

<b>CLASS:</b>	<b>XI</b>	<b>SUBJECT:</b>	<b>PHYSICS</b>
<b>BOOK:</b>	<b>NOOTAN ISC PHYSICS For Class XI (Part 1 and 2)</b> <b>NOOTAN ISC PHYSICS For Class XII (Part 1 and 2)</b> <b>KUMAR AND MITTAL</b> <b>NAGEEN PUBLICATIONS</b>		

**FIRST TERM**

Month	Topic	Chapters	Periods
April (10)	Units and Measurement	1	8
	Motion in a Straight Line	2	2
May (8)	Motion in a Straight Line (continued)	2	2
	Motion in a plane	3	6
June (8)	Laws of Motion, Friction and Dynamics of Circular Motion	4	8
July (16)	Laws of Motion, Friction and Dynamics of Circular Motion (Continued)	4	4
	Work, Energy and Power	5	5
	System of Particles and Rotational Motion	6	7
August (15)	Mechanical Properties of Solids	8	4
	Mechanical Properties of Fluids	9	11
September (2)	Revision		2
Project (May)	Project should be chosen by students according to council rule.		
Revision Days			2
No. of classes			57

**UNIT TEST - 1<sup>st</sup> Term**

Month	Topic	Chapters
July (31.07.2026)	Units and Measurement	1
	Motion in a Straight Line	2
	Motion in a plane	3
	Laws of Motion, Friction and Dynamics of Circular Motion (Till Newton's Third Law of Motion)	4

<b>EXAMINATION - 1<sup>st</sup> Term</b>		
Month	Topic	Chapters
September	Units and Measurement	1
	Motion in a Straight Line	2
	Motion in a plane	3
	Laws of Motion, Friction and Dynamics of Circular Motion	4
	Work, Energy and Power	5
	System of Particles and Rotational Motion	6
	Mechanical Properties of Solids	8
	Mechanical Properties of Fluids	9

**ACTIVITIES**

Experiment	Experiment on Motion in one or two dimension Experiment on Friction Experiment on Force
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**SECOND TERM**

Month	Topic	Chapters	Periods
October (12)	Gravitation	7	5
	Thermal Properties of Matter	10	7
Nov (14)	Thermodynamics	11	9
	Kinetic theory	12	5
Dec (8)	Oscillations	13	4
	Waves	14	4
Jan (14)	Waves (Continued)	14	11
	Electrostatic Potential, Potential energy and Capacitance	1	3
February (11)	Electrostatic Potential, Potential energy and Capacitance (Continued)	1	9
	Revision		2
Project	Project is not applicable.		
Revision Days			2
No. of classes			59

**UNIT TEST – 2<sup>nd</sup> Term**

Month	Topic	Chapters
January (04.01.2027)	Gravitation	7
	Thermal Properties of Matter	10
	Thermodynamics	11

**EXAMINATION – 2<sup>nd</sup> Term**

Month	Topic	Chapters
February	Full book of Class 11	.

**ACTIVITIES**

Experiment	Experiment on SHM, Sound produced by stretched string, resonance
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