

SYLLABUS (2023-24)
CLASS XI
PHYSICS (THEORY)
COURSE STRUCTURE

Time: 3 hrs.

Maximum Marks: 70

UNIT	TOPICS	MARKS	
Unit-I	Physical World and Measurement	23	
	Chapter-2: Units and Measurements		
Unit-II	Kinematics		
	Chapter-3: Motion in a Straight Line		
	Chapter-4: Motion in a Plane		
Unit-III	Laws of Motion		
	Chapter-5: Laws of Motion		
Unit-IV	Work, Energy and Power		17
	Chapter-6: Work, Energy and Power		
Unit-V	Motion of System of Particles and Rigid Body		
	Chapter-7: System of Particles and Rotational Motion		
Unit-VI	Gravitation		
	Chapter-8: Gravitation		
Unit-VII	Properties of Bulk Matter	20	
	Chapter-9: Mechanical Properties of Solids		
	Chapter-10: Mechanical Properties of Fluids		
	Chapter-11: Thermal Properties of Matter		
Unit-VIII	Thermodynamics		
	Chapter-12: Thermodynamics		
Unit-IX	Behaviour of Perfect Gases and Kinetic Theory of Gases		
	Chapter-13: Kinetic Theory		
Unit-X	Oscillations and Waves		10
	Chapter-14: Oscillations		
	Chapter-15: Waves		
Total		70	

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