

SYLLABUS 2025-2026

Class : XI

Subject : PHYSICS

Book : Balaji ISC PHYSICS XI

Publisher : Shri Balaji PUBLICATION

Term 1

- 1.Elementary Mathematics
- 2.Physical world
- 3.Units & Measurements: Error Analysis and Significant Figures
- 4.Dimensional Analysis.
- 5.Motion in straight line
- 6.Motion in a plane
- 7.Newton's Laws of motion
- 8.Friction
9. Uniform Circular Motion
10. Work, Energy & Power

Term 2

- 11.Centre of mass
- 12.Rotational Motion of a Rigid body: Moment of Inertia
- 13.Gravitation : Planets & Satellites
- 14.Elasticity
- 15.Fluid pressure
- 16.Flow of liquids
- 17.Surface tension
- 18.Thermal properties of matter
- 19.Heat transfer

Term 3

- 20.Thermodynamics
- 21.Isothermal & Adiabatic process
- 22.Heat Engine: 2nd Law of thermodynamics
- 23.Behavior of perfect gas & kinetic theory of gases
- 24.Simple harmonic motion

Contact Us

Seth M.R. Jaipuria School, Vineet Khand, Gomti Nagar, Lucknow – 226010, U.P., India
Phone: +91-522-2726502, 7311184804
Website: <https://www.sethmrjaipuria.school/>

Term 4

25. Superposition of waves 1 & 2

26. Waves

27. Wave motion

28. Vibrations in stretched string

Revision

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