

ST. JOHN HIGH SCHOOL

SYLLABUS FOR ACADEMIC YEAR 2025 - 26

SUBJECT : PHYSICS

CLASS XI

NAME OF THE TEXT BOOK : NOOTAN ISC PHYSICS CLASS XI
(Nageen Prakashan)

FIRST TERMINAL EXAMINATION : (16th April – 5th July)

- 1) Physical World and Measurement
- 2) Kinematics
- 3) Motion in a plane – Vectors and Projectile motion.

FIRST TERMINAL : 16th April – 5th July, 2025		
SN	MONTH	CHAPTER & SUB-TOPICS
1.	April	<ul style="list-style-type: none">Physical World and MeasurementDimensional AnalysisKinematics – Motion in a straight line
2.	May	<ul style="list-style-type: none">Motion in a straight line contd.....
3.	June	<ul style="list-style-type: none">Motion in a Plane – VectorsProjectile Motion
4.	July	<ul style="list-style-type: none">Projectile Motion contd.....Revision

UNIT TEST PORTION : 1) Physical World and Measurement
2) Dimensional Analysis

SECOND TERMINAL EXAMINATION :

- Laws of Motion
- Friction
- Work, Power and Energy
- Collision
- Circular Motion
- Motion of System of Particle and Rigid Body
- Gravitation

SECOND TERMINAL

SN	MONTH	CHAPTER & SUB-TOPICS
1.	July	<ul style="list-style-type: none">• Laws of Motion
2.	August	<ul style="list-style-type: none">• Friction• Work, Power and Energy• Collision
3.	September	<ul style="list-style-type: none">• Uniform Circular Motion• Rotational Motion• Gravitation

FINAL TERMINAL EXAMINATION :

- 1) Properties of Bulk Matter :
 - Elasticity
 - Viscosity
 - Surface Tension
- 2) Behaviour of Perfect Gases and Kinetic Theory of Gases
- 3) Heat and Thermodynamics
- 4) Oscillation and Waves

FINAL TERMINAL

SN	MONTH	CHAPTER & SUB-TOPICS
1.	October	<ul style="list-style-type: none">• Viscosity
2.	November	<ul style="list-style-type: none">• Surface Tension• Elasticity• Kinetic theory of gases
3.	December	<ul style="list-style-type: none">• Thermodynamics
4.	January	<ul style="list-style-type: none">• Oscillation & Waves