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**Modern School**

**Syllabus 2025-26**

**Class:   XI         Subject:  PHYSICS**

**Book prescribed: Physics Text Book – 11 Publication:  NCERT**

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| **Month** | **Chapter No.** | **Chapter Title** |
| April/May | Unit 1,2 | **PHYSICAL WORLD AND MEASUREMENT**  Ch 1 Units and Measurements  **KINEMATICS**  Ch 2. Motion in a straight line |
| July | Unit 2 | Ch 3. Motion in a plane |
| August | Unit 3, 4 | Ch 4 **LAWS OF MOTION**  Ch.5 **WORK, ENERGY & POWER** |
| September | Unit 5,6 | Ch 6 **SYSTEM OF PARTICLES AND ROTATIONAL MOTION**  Ch 7  **GRAVITATION**  **HALF-YEARLY EXAMS** |
| October | Unit 7 | **PROPERTIES OF BULK MATTER**  Ch 8. Mechanical properties of solids |
| November | Unit 7 | Ch 9. Mechanical Properties of Fluids  Ch. 10. Thermal Properties of Matter |
| December | Unit 8  Unit 9 | Ch 11. **THERMODYNAMICS**  **BEHAVIOUR OF GASES AND KINETIC THEORY OF GASES**  Ch 12. Kinetic theory of gases |
| January | Unit 10 | **OSCILLATIONS AND WAVES :**  Ch 13. Oscillation Ch 14. Waves |
| February |  | REVISION ------- **ANNUAL EXAMS** |

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| UT 1 | MAY | U-1 Units And Measurement |
| UT 2 | AUGUST | U-2 **Kinematics:** Ch2 - Motion in a straight line  Ch3 - Motion in a plane |
| HALF-YEARLY EXAM | SEPTEMBER | Ch - 1 ,2,3,4,5,6,and 7 |
| UT 3 | NOVEMBER | **PROPERTIES OF BULK MATTER**  Ch 8. Mechanical properties of solids  Ch 9. Mechanical Properties of Fluids  Ch. 10. Thermal Properties of Matter |
| UT 4 | DECEMBER | U – 8,9 . **THERMODYNAMICS**  **BEHAVIOUR OF GASES AND KINETIC THEORY OF GASES** |
| ANNUAL EXAMINATION | FEBRUARY | **FULL SYLLABUS** |
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**Prepared By:   Ms Seema Bansal , Ms. Anindita Roy Coordinator**