

XI Standard – Term 1 Syllabus

Physics

1. Refraction of Light
2. Friction in Solids & Liquids
3. Forces
4. Projectile Motion
5. Scalars & Vectors
6. Current Electricity

Chemistry

1. Mole Concept
2. Structure of atom
3. Periodic Table
4. Chemical Bonding
5. Alkane
6. Alkene
7. S-Block

Mathematics

1. Sequence & Series
2. Complex Numbers
3. Permutation
4. Determinants
5. Matrices

Biology

1. Biochemistry of Cell
2. Animal Kingdom
3. Human Nutrition
4. Diversity on Organisms

Computer Science

1. Number Systems
2. Program Analysis
3. C++ - Till Functions
4. Logic Gates
5. Multiplexers to Shift Registers

Information Technology

1. Multimedia
2. HTML
3. MS Suite

Electrical Maintenance

Paper I

1. Electrical Circuit
2. Work Power and Energy
3. Effects of Electric Current
4. Types of Wires & Wiring Accessories
5. Wiring System & Wiring Diagrams

Paper II

1. Alternating Current
2. DC & AC
3. D.C Generators
4. D.C Motors

Psychology

1. Introduction to Psychology
2. Methods of Psychological Inquiry
3. Foundation of Human Behavior
4. Human Development