

# Syllabus & Pattern



#### **PHYSICS:**

- Units and measurements
- · Motion in a straight line
- Motion in a plane
- Laws of motion
- · Work, energy and power

#### **BIOLOGY:**



- The Living world
- Biological Classification
- Plant Kingdom
- Animal Kingdom
- Morphology of Flowering Plants
- Anatomy of Flowering Plants

## **CHEMISTRY:**



- · Some basic concepts of chemistry
- Structure of atom
- Classification of elements and periodicity in properties
- · Chemical bonding and molecular structure
- · Thermodynamics

### **MATHEMATICS:**



- Sets
- Relations And Functions
- Trigonometric Functions
- Complex Numbers And Quadratic Equations
- Binomial Theorem
- Sequences And Series

# **EXAM PATTERN**

#### **Pattern of Questions**

**60 Objective Type Questions** MCQs of 4 choices (Single Correct Answer) **Marking Scheme** +4 For Correct Answer (No Negative Marking)

#### **Questions Distribution**

Physics: 20, Chemistry -20, Biology/Maths - 20 Medium & Duration of Exam Medium: Both Hindi and English **Duration: 2 Hours** 



