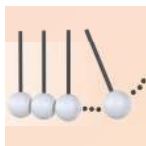


### PHYSICS :

- Electric charges and fields
- Electrostatic potential and capacitance
- Current electricity
- Moving charges and magnetism
- Magnetism and matter
- Electromagnetic induction



### BIOLOGY :

- Sexual reproduction in flowering plants
- Human Reproduction
- Reproductive Health
- Principle of Inheritance and Variation
- Molecular Basis of Inheritance
- Evolution



### CHEMISTRY :

- Solutions
- Electrochemistry
- Chemical Kinetics
- The d and f block elements
- Coordination Compounds
- Haloalkanes and Haloarenes
- Alcohols, Phenols and Ethers



### MATHEMATICS :

- Relations and functions
- Inverse trigonometric functions
- Matrices
- Determinants
- Continuity and differentiability
- Application of derivatives



## EXAM PATTERN

#### Pattern of Questions

80 (Math) /80 (Bio) Objective Type Questions  
MCQs of 4 choices (Single Correct Answer)

#### Marking Scheme

+2 For Correct Answer  
(No Negative Marking)

#### Questions Distribution

Physics : 25, Chemistry –25,  
Biology/Maths – 30

#### Medium & Duration of Exam

Medium : Both Hindi and English Duration :  
02:00 Hrs.