

MOF 2023–24 SYLLABUS & PATTERN Stage-1

Class
11th

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
(One mark will be deducted for wrong answer)

Questions Distribution

Physics : 20, Chemistry –20,
Biology/Maths – 20

Medium & Duration of Exam

Medium : Both Hindi and English
Duration : 2 Hours



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MOF 2023-24 SYLLABUS & PATTERN

Stage- 2

Class
11th

PHYSICS



- Units and measurements
- Motion in a straight line
- Motion in a plane
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BIOLOGY



- The Living World
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MATHEMATICS :



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