

# MOF 2024-25 SYLLABUS & PATTERN Stage-1

## Class 11<sup>th</sup>

### 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 2024-25 SYLLABUS & PATTERN

## Stage- 2

Class  
**11<sup>th</sup>**

30% weightage of complete NCERT of class 10th while 70% will from the following syllabus.

### 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
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### 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  
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