# **MOF 2024–25 SYLLABUS & PATTERN** Stage-1

### PHYSICS

- Heat
- Motion and Time

### BIOLOGY

- Nutrition in Plants
- Nutrition in Animals

### **LOGICAL REASONING & IQ:**

- Series : Number, Alphabet and Letter repeating series
- Direction sense
- Mirror & Water Image
- Ranking and Ordering

- Mathematical Operation
- Paper Folding and Cutting

### **CHEMISTRY:**

- Physical and Chemical change
- Acids, bases and salts

### **MATHEMATICS:**

- Integers
- Fractions and Decimals
- Data Handling
- Simple Equations
- Lines and Angles
- The triangles and its Properties

# **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: 7, Chemistry - 6, Biology - 7 Maths - 30, Logical Reasoning & 10 - 10

#### **Medium & Duration of Exam**

Medium : English Only Duration: 2 Hours



Class

th









# MOF 2024-25 SYLLABUS & PATTERN Stage- 2

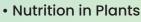
Class **7<sup>th</sup>** 

30% weightage of complete NCERT of class 6th while 70% will from the following syllabus.

### PHYSICS

- Heat
- Motion and Time
- Light

## BIOLOGY



- Nutrition in Animals
- Respiration in organisms

# LOGICAL REASONING & IQ :

- Series : Number, Alphabet and Letter repeating series
- Direction sense
- Mirror & Water Image
- Ranking and Ordering

- Mathematical Operation
- Paper Folding and Cutting

## **CHEMISTRY:**

- Acids, bases and salts
- Physical and Chemical change

### **MATHEMATICS:**



- Integers
- Fractions and Decimals
- Data Handling
- Simple Equations
- Lines and Angles
- The triangles and its Properties
- Perimeter and Area
- Congruence of Triangles
- Exponents and Powers

MOF Stage - 2 Paper Pattern, Question Distribution and Marking Scheme							Medium : English Only Exam Duration : 120 Minutes Maximum Marks : 230	
Question Type		Marking Scheme per question	Negative Marking for each wrong question	Physics	Chemistry	Biology	Maths	Logical Reasoning and IQ
Single Answer Type	Simple SCQ	3	1	1		1	10	10
	Three Satements Based T /F	4	1	1	1	1	4	
	Match the Column Based	4	1	1	1	1	4	
	Paragraph Based	3	1	2	2	2	6	
Multiple Answer Type	Multiple Answer Based	6	0	2	2	2	6	
Total Number of Questions Subject Wise				7	6	7	30	10
Total Maximum Marks Subject Wise				29	26	29	116	30