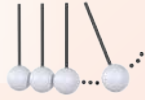


# MOF 2023-24 SYLLABUS & PATTERN

## Stage- 2

Class  
**10<sup>th</sup>**

### PHYSICS



- Electricity
- Magnetic Effect of Electric Current
- Light (Reflection and Refraction)

### BIOLOGY



- How do Organisms Reproduce
- Life process ( Nutrition, Respiration & Transportation )
- Control & Co-ordination(Life process)

### LOGICAL REASONING & IQ:



- Series : Number, Alphabet and Letter repeating series
- Direction sense
- Ranking and Ordering
- Mathematical Operation
- Puzzle
- Data Sufficiency

### CHEMISTRY :



- Chemical reactions and equations
- Acids, Bases and Salts
- Carbon and it's compounds

### MATHEMATICS :



- Real Numbers
- Polynomials
- Pair of linear Equations in Two Variables
- Quadratic Equations
- Arithmetic Progression
- Triangles
- Coordinate Geometry
- Introduction to Trigonometry
- Some Applications of Trigonometry

#### MOF Stage - 2 Paper Pattern, Question Distribution and Marking Scheme

Medium : Hindi and English Both

Exam Duration : 120 Minutes

Maximum Marks : 272

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	2	2	2	10	10
	Three Statements Based T /F	4	1	1	1	1	4	
	Match the Column Based	4	1	2	2	2	4	
	Paragraph Based	3	1	2	2	2	6	
Multiple Answer Type	Multiple Answer Based	6	0	3	3	3	6	
Total Number of Questions Subject Wise				10	10	10	30	10
Total Maximum Marks Subject Wise				42	42	42	116	30