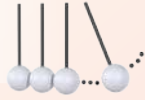


MOF 2024–25 SYLLABUS & PATTERN Stage-1

Class
10th

PHYSICS



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

BIOLOGY



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

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

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

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
& IQ – 10

Medium & Duration of Exam

Medium : Both Hindi and English
Duration : 2 Hours



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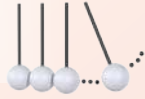
MOF 2024-25 SYLLABUS & PATTERN

Stage- 2

Class
10th

30% weightage of complete NCERT of class 9th while 70% will from the following syllabus.

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 : 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 Statements 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



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