

MOF 2023-24 SYLLABUS & PATTERN Stage-1

Class
7th

PHYSICS



- Heat
- Motion and Time

BIOLOGY



- Nutrition in Plants
- Nutrition in Animals
- Weather Climate & Adaptations of 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 :



- Fibre to fabric
- 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
(There is no negative for wrong answer)

Questions Distribution

Physics : 7, Chemistry – 6, Biology – 7
Maths – 30, Logical Reasoning
& IQ – 10

Medium & Duration of Exam

Medium : English Only
Duration : 2 Hours



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MOF 2023-24 SYLLABUS & PATTERN

Stage- 2

Class 7th

PHYSICS



- Heat
- Motion and Time
- Light

BIOLOGY



- Nutrition in Plants
- Nutrition in Animals
- Weather Climate & Adaptations of 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 :



- Fibre to fabric
- 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 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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