

ANSWER-KEY MOF Stage-I (Class XI) Held on 26-10-2025

Q.No.	Subject	Answer	Chapter Name	Skill level	Difficulty level
1	Physics	A	Units & Dimensions	Calculation based	Moderate
2	Physics	A	Work, Power & Energy (WPE)	Calculation based	Easy
3	Physics	B	Motion in a Plane	Calculation based	Easy
4	Physics	A	Motion in a Plane	Calculation based	Easy
5	Physics	B	Motion in a Straight Line	Calculation based	Easy
6	Physics	B	Newton's Laws of Motion (NLM)	Conceptual based	Easy
7	Physics	A	Friction	Calculation based	Easy
8	Physics	C	Motion in a Plane	Conceptual based	Hard
9	Physics	A	Circular Motion	Conceptual based	Easy
10	Physics	C	Work, Power & Energy (WPE)	Conceptual based	Hard
11	Physics	B	Newton's Laws of Motion (NLM)	Calculation based	Moderate
12	Physics	B	Relative Motion	Calculation based	Easy
13	Physics	A	Circular Motion	Conceptual based	Hard
14	Physics	B	Motion in a Straight Line	Conceptual based	Moderate
15	Physics	C	Circular Motion	Memory based	Easy
16	Physics	C	Circular Motion	Conceptual based	Moderate
17	Physics	A	Work, Power & Energy (WPE)	Conceptual based	Easy
18	Physics	C	Relative Motion	Calculation based	Hard
19	Physics	B	Newton's Laws of Motion (NLM)	Conceptual based	Hard
20	Physics	C	Work, Power & Energy (WPE)	Calculation based	Moderate
21	Chemistry	A	Mole Concept-1	Calculation based	easy
22	Chemistry	A	Mole Concept-1	Calculation based	easy
23	Chemistry	B	Mole Concept-1	Calculation based	easy
24	Chemistry	A	Mole Concept-1	Calculation based	difficult
25	Chemistry	B	Atomic Structure	Memory based	easy
26	Chemistry	D	Atomic Structure	Calculation based	easy
27	Chemistry	D	Atomic Structure	Conceptual	moderate
28	Chemistry	C	Atomic Structure	Calculation based	difficult
29	Chemistry	B	Periodic Table and Periodicity in Properties	Memory based	easy
30	Chemistry	D	Periodic Table and Periodicity in Properties	Conceptual	moderate
31	Chemistry	C	Periodic Table and Periodicity in Properties	Conceptual	moderate
32	Chemistry	B	Chemical Bonding-1	Conceptual	easy
33	Chemistry	D	Chemical Bonding-1	Conceptual	easy
34	Chemistry	D	Chemical Bonding-1	Conceptual	moderate
35	Chemistry	C	Chemical Bonding-1	Conceptual	difficult
36	Chemistry	D	Chemical Bonding-1	Conceptual	moderate
37	Chemistry	C	Thermodynamics	Calculation based	easy
38	Chemistry	B	Thermodynamics	Calculation based	easy
39	Chemistry	A	Thermodynamics	Calculation based	difficult
40	Chemistry	C	Thermodynamics	Conceptual	difficult
41	Biology	B	THE LIVING WORLD	Conceptual Based	EASY

42	Biology	D	BIOLOGICAL CLASSIFICATION	Memory Based	EASY
43	Biology	B	BIOLOGICAL CLASSIFICATION	Conceptual Based	MODERATE
44	Biology	B	PLANT KINGDOM	Memory Based	HARD
45	Biology	C	PLANT KINGDOM	Conceptual Based	MODERATE
46	Biology	D	MORPHOLOGY OF FLOWERING PLANTS	Memory Based	MODERATE
47	Biology	A	MORPHOLOGY OF FLOWERING PLANTS	Conceptual Based	HARD
48	Biology	C	ANATOMY OF FLOWERING PLANTS	Memory Based	EASY
49	Biology	A	CELL: THE UNIT OF LIFE	Memory Based	EASY
50	Biology	D	CELL: THE UNIT OF LIFE	Memory Based	HARD
51	Biology	C	CELL: THE UNIT OF LIFE	Conceptual Based	EASY
52	Biology	B	CELL CYCLE AND CELL DIVISION	Calculative	MODERATE
53	Biology	D	STRUCTURAL ORGANISATION IN ANIMALS	Conceptual Based	EASY
54	Biology	B	ANIMAL KINGDOM	Memory Based	EASY
55	Biology	C	BIOMOLECULE	Conceptual Based	EASY
56	Biology	A	BIOMOLECULE	Memory Based	EASY
57	Biology	B	STRUCTURAL ORGANISATION IN ANIMALS	Memory Based	MODERATE
58	Biology	D	BIOMOLECULE	Conceptual Based	EASY
59	Biology	C	ANIMAL KINGDOM	Memory Based	HARD
60	Biology	B	STRUCTURAL ORGANISATION IN ANIMALS	Memory Based	MODERATE
41	Mathematics	D	Quadratic Equations	Conceptual based	Easy
42	Mathematics	B	Binomial theorem	Conceptual based	Easy
43	Mathematics	B	Sequences and progression	Calculation based	Easy
44	Mathematics	B	Set	Conceptual based	Easy
45	Mathematics	A	Complex Numbers	Conceptual based	Easy
46	Mathematics	B	Relations & Function	Memory based	Moderate
47	Mathematics	D	Sequences and progression	Conceptual based	Hard
48	Mathematics	C	Relations & Function	Calculation based	Moderate
49	Mathematics	A	Complex Numbers	Conceptual based	Hard
50	Mathematics	A	Set	Conceptual based	Moderate
51	Mathematics	B	Set	Calculation based	Hard
52	Mathematics	A	Sequences and progression	Conceptual based	Moderate
53	Mathematics	C	Complex Numbers	Calculation based	Easy
54	Mathematics	A	Quadratic Equations	Conceptual based	Moderate
55	Mathematics	A	Sequences and progression	Calculation based	Moderate
56	Mathematics	A	Binomial theorem	Conceptual based	Moderate
57	Mathematics	A	Quadratic Equations	Memory based	Moderate
58	Mathematics	C	Complex Numbers	Conceptual based	Hard
59	Mathematics	A	Sequences and progression	Calculation based	Hard
60	Mathematics	B	Binomial theorem	Conceptual based	Hard