

ANSWER-KEY MOF Stage-I (Class XI) Held on 12-10-2025

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

51	Biology	C	CELL: THE UNIT OF LIFE	Conceptual Based	EASY
52	Biology	C	CELL CYCLE AND CELL DIVISION	Conceptual Based	Difficult
53	Biology	B	ANIMAL MORPHOLOGY	Memory Based	EASY
54	Biology	C	ANIMAL KINGDOM	Conceptual Based	EASY
55	Biology	A	BIOMOLECULE	Memory Based	EASY
56	Biology	B	ANIMAL KINGDOM	Memory Based	EASY
57	Biology	D	BIOMOLECULE	Memory Based	EASY
58	Biology	A	BIOMOLECULE	Memory Based	Difficult
59	Biology	A	ANIMAL KINGDOM	Memory Based	MODERATE
60	Biology	C	BIOMOLECULE	Conceptual Based	MODERATE
41	Mathematics	A	Set	Memory based	Easy
42	Mathematics	C	Sequences and progressions	Conceptual based	Moderate
43	Mathematics	B	Function	Conceptual based	Easy
44	Mathematics	A	Binomial theorem	Calculation based	Moderate
45	Mathematics	B	Function	Conceptual based	Difficult
46	Mathematics	A	Quadratic Equations	Conceptual based	Moderate
47	Mathematics	B	Trigonometric Ratios	Memory based	Easy
48	Mathematics	C	Trigonometric Ratios	Conceptual based	Moderate
49	Mathematics	A	Complex Numbers	Memory based	Easy
50	Mathematics	A	Quadratic Equations	Conceptual based	Difficult
51	Mathematics	D	Logarithm and its Applications	Calculation based	Moderate
52	Mathematics	C	Binomial theorem	Calculation based	Easy
53	Mathematics	A	Function	Conceptual based	Easy
54	Mathematics	D	Sequences and progressions	Calculation based	Easy
55	Mathematics	B	Trigonometric Ratios	Conceptual based	Difficult
56	Mathematics	A	Quadratic Equations	Conceptual based	Moderate
57	Mathematics	A	Binomial theorem	Memory based	Moderate
58	Mathematics	C	Sequences and progressions	Calculation based	Moderate
59	Mathematics	A	Function	Conceptual based	Moderate
60	Mathematics	D	Sequences and progressions	Conceptual based	Difficult