



Physics by fiziks

Learn Physics in Right Way

IIT-JAM Physics

Previous Year Paper Analysis upto-2025

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Previous Year Paper Analysis

Average Number of Questions asked in different Topics (Last 5 Papers)

IIT-JAM (Physics)

Topics	2021	2022	2023	2024	2025	Average Number of Questions
M.P.	6	8	9	9	7	7 to 8
Mechanics	9	7	9	6	7	7 to 8
Oscillations, Waves and Optics	11	9	7	8	8	8 to 9
Electricity and Magnetism	8	11	7	10	12	9 to 10
Kinetic theory, Thermodynamics	6	9	8	5	8	7 to 8
Modern Physics	9	8	11	11	7	9 to 10
Solid State Physics, Devices & Electronics	11	8	9	12	11	10 to 11
Total	60	60	60	60	60	

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Previous Year Paper Analysis

IIT-JAM (Physics)

Topics	2025					Total
	MCQ (1 M)	MCQ (2 M)	MSQ (2 M)	NAT (1 M)	NAT (2 M)	
M.P.	2	4	0	0	1	7
Mechanics	0	3	1	1	2	7
Oscillations, Waves and Optics	1	3	2	1	1	8
Electricity and Magnetism	3	5	2	1	1	12
Kinetic theory, Thermodynamics	0	1	2	3	2	8
Modern Physics	3	4	0	0	0	7
Solid State Physics, Devices & Electronics	1	0	3	4	3	11
Total	10	20	10	10	10	60

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IIT-JAM (Physics)

Topics	2024					Total
	MCQ (1 M)	MCQ (2 M)	MSQ (2 M)	NAT (1 M)	NAT (2 M)	
M.P.	2	3	0	2	1	8
Mechanics	1	1	1	2	1	6
Oscillations, Waves and Optics	0	4	2	0	2	8
Electricity and Magnetism	3	2	1	2	2	10
Kinetic theory, Thermodynamics	0	2	2	1	0	5
Modern Physics	2	5	2	0	2	11
Solid State Physics, Devices & Electronics	2	3	2	3	2	12
Total	10	20	10	10	10	60

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IIT-JAM (Physics)

Topics	2023					Total
	MCQ (1 M)	MCQ (2 M)	MSQ (2 M)	NAT (1 M)	NAT (2 M)	
M.P.	2	3	1	2	1	9
Mechanics	1	3	3	2	0	9
Oscillations, Waves and Optics	0	3	2	2	0	7
Electricity and Magnetism	0	4	1	0	2	7
Kinetic theory, Thermodynamics	2	4	1	0	1	8
Modern Physics	1	0	2	2	6	11
Solid State Physics, Devices & Electronics	4	3	0	2	0	9
Total	10	20	10	10	10	60

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Previous Year Paper Analysis

IIT-JAM (Physics)

Topics	2022					Total
	MCQ (1 M)	MCQ (2 M)	MSQ (2 M)	NAT (1 M)	NAT (2 M)	
M.P.	1	2	2	2	1	8
Mechanics	2	3	0	2	0	7
Oscillations, Waves and Optics	1	2	3	1	2	9
Electricity and Magnetism	1	5	1	0	4	11
Kinetic theory, Thermodynamics	2	3	1	1	2	9
Modern Physics	2	2	1	2	1	8
Solid State Physics, Devices & Electronics	1	3	2	2	0	8
Total	10	20	10	10	10	60

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Previous Year Paper Analysis

IIT-JAM (Physics)

Topics	2021					Total
	MCQ (1 M)	MCQ (2 M)	MSQ (2 M)	NAT (1 M)	NAT (2 M)	
M.P.	2	3	0	1	0	6
Mechanics	3	3	1	1	1	9
Oscillations, Waves and Optics	2	3	3	1	2	11
Electricity and Magnetism	0	4	0	1	3	8
Kinetic theory, Thermodynamics	0	2	3	1	0	6
Modern Physics	0	3	2	2	2	9
Solid State Physics, Devices & Electronics	3	2	1	3	2	11
Total	10	20	10	10	10	60

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Previous Year Paper Analysis

IIT-JAM (Physics)

Topics	2020					Total
	MCQ (1 M)	MCQ (2 M)	MSQ (2 M)	NAT (1 M)	NAT (2 M)	
M.P.	1	3	2	1	1	8
Mechanics	1	3	1	1	2	8
Oscillations, Waves and Optics	0	3	3	2	1	9
Electricity and Magnetism	3	2	2	1	2	10
Kinetic theory, Thermodynamics	1	3	1	1	2	8
Modern Physics	2	3	0	2	1	8
Solid State Physics, Devices & Electronics	2	3	1	2	1	9
Total	10	20	10	10	10	60

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