



Physics by fiziks

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GATE Physics
Previous Year Paper Analysis upto-2025

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Be Part of Disciplined Learning

Previous Year Paper Analysis

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

GATE (Physics)

Topics	2021	2022	2023	2024	2025	Average Number of Questions
Mathematical Methods of Physics	4	5	6	6	3	4 to 5
Classical Mechanics	7	6	3	6	9	6 to 7
Electromagnetic Theory	8	8	4	6	8	6 to 7
Quantum Mechanics	9	8	7	8	8	8
Thermodynamic and Statistical Physics	4	6	6	4	7	5 to 6
Electronics	4	5	4	6	4	4 to 5
Atomic & Molecular Physics	8	6	6	5	4	5 to 6
Condensed Matter Physics	6	8	9	8	6	7 to 8
Nuclear and Particle Physics	5	3	10	6	6	5
Total no. of questions	55	55	55	55	55	

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Previous Year Paper Analysis

GATE (Physics)

Topics	2025						Total
	MCQ 1 M	MSQ 1 M	NAT 1 M	MCQ 2 M	MSQ 2 M	NAT 2 M	
Mathematical Methods of Physics	1	0	0	0	1	1	3
Classical Mechanics	0	0	0	3	4	2	9
Electromagnetic Theory	0	0	1	2	4	1	8
Quantum Mechanics	3	0	0	4	0	1	8
Thermodynamic and Statistical Physics	3	2	1	1	0	0	7
Electronics	1	0	0	1	0	2	4
Atomic & Molecular Physics	0	2	1	1	0	0	4
Condensed Matter Physics	3	0	2	1	0	0	6
Nuclear and Particle Physics	2	2	1	1	0	0	6
Total	13	6	6	14	9	7	55
General Aptitude	5	0	0	5	0	0	10

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Previous Year Paper Analysis

GATE (Physics)

Topics	2024						Total
	MCQ 1 M	MSQ 1 M	NAT 1 M	MCQ 2 M	MSQ 2 M	NAT 2 M	
Mathematical Methods of Physics	0	2	0	0	4	0	6
Classical Mechanics	3	0	0	2	0	1	6
Electromagnetic Theory	2	0	1	1	2	0	6
Quantum Mechanics	4	0	0	0	2	2	8
Thermodynamic and Statistical Physics	1	0	2	0	0	1	4
Electronics	3	0	1	0	0	2	6
Atomic & Molecular Physics	2	0	0	2	1	0	5
Condensed Matter Physics	1	0	0	1	5	1	8
Nuclear and Particle Physics	3	0	0	1	1	1	6
Total	19	2	4	7	15	8	55
General Aptitude	5	0	0	5	0	0	10

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Previous Year Paper Analysis

GATE (Physics)

Topics	2023						Total
	MCQ 1 M	MSQ 1 M	NAT 1 M	MCQ 2 M	MSQ 2 M	NAT 2 M	
Mathematical Methods of Physics	1	1	1	1	2	0	6
Classical Mechanics	0	0	0	3	0	0	3
Electromagnetic Theory	0	1	1	0	0	2	4
Quantum Mechanics	1	1	0	5	0	0	7
Thermodynamic and Statistical Physics	1	1	0	1	0	3	6
Electronics	2	0	1	1	0	0	4
Atomic & Molecular Physics	2	0	1	2	1	0	6
Condensed Matter Physics	3	3	0	2	1	0	9
Nuclear and Particle Physics	2	2	0	2	2	2	10
Total	9	9	7	12	10	8	55
General Aptitude	5	0	0	5	0	0	10

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Previous Year Paper Analysis

GATE (Physics)

Topics	2022						Total
	MCQ 1 M	MSQ 1 M	NAT 1 M	MCQ 2 M	MSQ 2 M	NAT 2 M	
Mathematical Methods of Physics	2	3	0	0	0	0	5
Classical Mechanics	0	0	0	3	2	1	6
Electromagnetic Theory	2	0	2	1	2	1	8
Quantum Mechanics	0	2	1	3	1	1	8
Thermodynamic and Statistical Physics	1	0	0	3	1	1	6
Electronics	1	2	1	0	0	1	5
Atomic & Molecular Physics	1	1	2	0	1	1	6
Condensed Matter Physics	0	1	1	2	3	1	8
Nuclear and Particle Physics	2	0	0	0	0	1	3
Total	9	9	7	12	10	8	55
General Aptitude	5	0	0	5	0	0	10

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GATE (Physics)

	2021						
Topics	MCQ 1 M	MSQ 1 M	NAT 1 M	MCQ 2 M	MSQ 2 M	NAT 2 M	Total
Mathematical Methods of Physics	0	1	0	0	2	1	4
Classical Mechanics	0	0	3	1	3	0	7
Electromagnetic Theory	2	2	0	3	0	1	8
Quantum Mechanics	1	0	1	6	0	1	9
Thermodynamic and Statistical Physics	0	1	1	2	0	0	4
Electronics	1	0	1	2	0	0	4
Atomic & Molecular Physics	0	2	3	1	0	2	8
Condensed Matter Physics	3	1	0	1	0	1	6
Nuclear and Particle Physics	2	0	0	0	0	3	5
Total	9	7	9	16	5	9	55
General Aptitude	5	0	0	5	0	0	10

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Previous Year Paper Analysis

GATE (Physics)

Topics	2020				Total
	MCQ 1 M	NAT 1 M	MCQ 2 M	NAT 2 M	
Mathematical Methods of Physics	2	1	3	2	8
Classical Mechanics	2	2	1	1	6
Electromagnetic Theory	2	2	2	2	8
Quantum Mechanics	2	1	2	5	10
Thermodynamic and Statistical Physics	2	0	1	2	5
Electronics	2	0	2	1	5
Atomic & Molecular Physics	2	1	0	1	4
Condensed Matter Physics	0	1	2	1	4
Nuclear and Particle Physics	2	1	1	1	5
Total	16	9	14	16	55
General Aptitude	5	0	5	0	10

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