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GATE Physics

Previous Year Paper Analysis upto-2023

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H.No. 40-D, G.F., Jia Sarai, Near IIT, Hauz Khas, New Delhi-16
Phone: 011-26865455/+91-9871145498,   Website: www.physicsbyfiziks.com, Email: fiziks.physics@gmail.com

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Previous Year Paper Analysis

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

GATE (Physics)

Topics	2019	2020	2021	2022	2023	Average Number of Questions
Mathematical Methods of Physics	5	8	4	5	6	5 to 6
Classical Mechanics	7	6	7	6	3	5 to 6
Electromagnetic Theory	10	8	8	8	4	7 to 8
Quantum Mechanics	10	10	9	8	7	8 to 9
Thermodynamic and Statistical Physics	5	5	4	6	6	5 to 6
Electronics	4	5	4	5	4	4 to 5
Atomic & Molecular Physics	2	4	8	6	7	5 to 6
Condensed Matter Physics	7	4	6	8	8	6 to 7
Nuclear and Particle Physics	5	5	5	3	10	5 to 6
Total no. of questions	55	55	55	55	55	

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Previous Year Paper Analysis

GATE (Physics)

Topics	2023						
	MCQ 1 M	MSQ 1 M	NAT 1 M	MCQ 2 M	MSQ 2 M	NAT 2 M	Total
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	2	0	**7**
Condensed Matter Physics	3	3	0	2	0	0	**8**
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

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Previous Year Paper Analysis

GATE (Physics)

Topics	2022						
	MCQ 1 M	MSQ 1 M	NAT 1 M	MCQ 2 M	MSQ 2 M	NAT 2 M	Total
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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Previous Year Paper Analysis

GATE (Physics)

Topics	2021						
	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				
	MCQ 1 M	NAT 1 M	MCQ 2 M	NAT 2 M	Total
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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Previous Year Paper Analysis

GATE (Physics)

Topics	2019				
	MCQ 1 M	NAT 1 M	MCQ 2 M	NAT 2 M	Total
Mathematical Methods of Physics	3	--	1	1	**5**
Classical Mechanics	1	1	2	3	**7**
Electromagnetic Theory	2	2	4	2	**10**
Quantum Mechanics	2	2	4	2	**10**
Thermodynamic and Statistical Physics	2	1	--	2	**5**
Electronics	1	--	3	--	**4**
Atomic & Molecular Physics	--	--	1	1	**2**
Condensed Matter Physics	2	3	1	1	**7**
Nuclear and Particle Physics	3	--	1	1	**5**
Total	**18**	**7**	**12**	**18**	**55**
General Aptitude	5	0	5	0	**10**

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