



Physics by fiziks

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GATE Physics

Previous Year Paper Analysis upto-2024

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**Previous Year Paper Analysis**

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

**GATE (Physics)**

Topics	2020	2021	2022	2023	2024	Average Number of Questions
<b>Mathematical Methods of Physics</b>	8	4	5	6	6	5 to 6
<b>Classical Mechanics</b>	6	7	6	3	6	5 to 6
<b>Electromagnetic Theory</b>	8	8	8	4	6	6 to 7
<b>Quantum Mechanics</b>	10	9	8	7	8	8 to 9
<b>Thermodynamic and Statistical Physics</b>	5	4	6	6	4	5
<b>Electronics</b>	5	4	5	4	6	4 to 5
<b>Atomic &amp; Molecular Physics</b>	4	8	6	6	5	5 to 6
<b>Condensed Matter Physics</b>	4	6	8	9	8	7
<b>Nuclear and Particle Physics</b>	5	5	3	10	6	5 to 6
<b>Total no. of questions</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	

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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	
<b>Mathematical Methods of Physics</b>	0	2	0	0	4	0	<b>6</b>
<b>Classical Mechanics</b>	3	0	0	2	0	1	<b>6</b>
<b>Electromagnetic Theory</b>	2	0	1	1	2	0	<b>6</b>
<b>Quantum Mechanics</b>	4	0	0	0	2	2	<b>8</b>
<b>Thermodynamic and Statistical Physics</b>	1	0	2	0	0	1	<b>4</b>
<b>Electronics</b>	3	0	1	0	0	2	<b>6</b>
<b>Atomic &amp; Molecular Physics</b>	2	0	0	2	1	0	<b>5</b>
<b>Condensed Matter Physics</b>	1	0	0	1	5	1	<b>8</b>
<b>Nuclear and Particle Physics</b>	3	0	0	1	1	1	<b>6</b>
<b>Total</b>	<b>19</b>	<b>2</b>	<b>4</b>	<b>7</b>	<b>15</b>	<b>8</b>	<b>55</b>
<b>General Aptitude</b>	5	0	0	5	0	0	<b>10</b>

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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
<b>Total</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>12</b>	<b>10</b>	<b>8</b>	<b>55</b>
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
<b>Total</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>12</b>	<b>10</b>	<b>8</b>	<b>55</b>
General Aptitude	5	0	0	5	0	0	10

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GATE (Physics)

Topics	2021						Total
	MCQ 1 M	MSQ 1 M	NAT 1 M	MCQ 2 M	MSQ 2 M	NAT 2 M	
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
<b>Total</b>	<b>9</b>	<b>7</b>	<b>9</b>	<b>16</b>	<b>5</b>	<b>9</b>	<b>55</b>
<b>General Aptitude</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>10</b>

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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
<b>Total</b>	<b>16</b>	<b>9</b>	<b>14</b>	<b>16</b>	<b>55</b>
General Aptitude	5	0	5	0	10

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