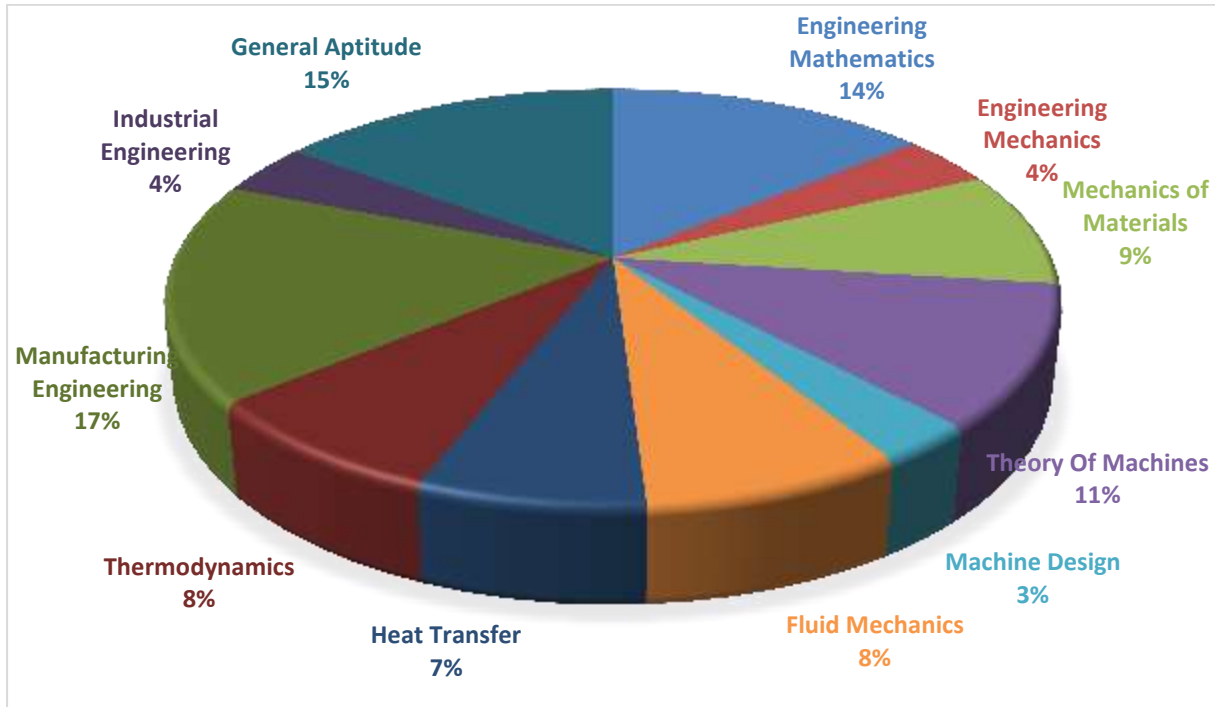


**ANALYSIS OF GATE 2019**  
Memory Based

**Mechanical Engineering**



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### ME ANALYSIS-2019\_2-Feb\_Afternoon

SUBJECT	No. of Ques.	Topics Asked in Paper(Memory Based)	Level of Ques.	Total Marks
Engineering Mathematics	1 Marks: 2 Marks:	Differential equation	Easy	14
Engineering Mechanics	1 Marks: 2 Marks:	Trusses and frames, Collision, Friction	Medium	4
Mechanics of Materials	1 Marks: 2 Marks:	Deflection	Easy	9
Theory Of Machines	1 Marks: 2 Marks:	Four bar Mechanism, Vibration, Acceleration analysis, Balancing, Gyroscope	Medium	11
Machine Design	1 Marks: 2 Marks:	Brake, Spur gear	Easy	3
Fluid Mechanics	1 Marks: 2 Marks:	Pumps	Easy	8
Heat Transfer	1 Marks: 2 Marks:	Shape factor	Medium	7
Thermodynamics	1 Marks: 2 Marks:	Otto cycle, heat pump, Rankine cycle	Medium	8
Manufacturing Engineering	1 Marks: 2 Marks:	Arc welding, Rolling, metal cutting, Drilling	Tough	17
Industrial Engineering	1 Marks: 2 Marks:	Inventory , CPM	Medium	4
General Aptitude	1 Marks: 2 Marks:	Blood relationship, Equations, Percentage, Clocks	Easy	15
<b>Total</b>	<b>65</b>			<b>100</b>
Faculty Feedback				