

## Syllabus / Weightage for MT-Engineers - Written Test

Sr.	General/Technical Written Test	Weightage
1-	Verbal Reasoning (IQ)	25%
2-	Analytical Reasoning	25%
3-	Subject Specific	50%
<b>Total</b>		<b>100%</b>

Sr.	Discipline	Criteria Subject Breakdown	Weightage
01	Mechanical	<b>Overall Percentage</b>	<b>50%</b>
		Power Plants & Thermodynamics	10%
		Engineering drawing and graphics	10%
		Materials & Manufacturing Processes	10%
		Machine design	5%
		Mechanics of Material	5%
		Mechanical Vibrations	5%
		Basic Electrical and Electronics	5%
02	Chemical	<b>Overall Percentages</b>	<b>50%</b>
		Chemical Process Principles	10%
		Chemical Engineering Thermodynamics	10%
		Chemical Reaction Engineering	10%
		Heat & Mass Transfer	10%
		Fluid Mechanics	5%
		Instrument and Process Control	5%
03	Electrical	<b>Overall Percentages</b>	<b>50%</b>
		Power Generation and Transmission	10%
		Power Distribution	10%
		Power System Protection	10%
		Power Electronics	10%
		High Voltage Engineering	5%
		Power System Analysis	5%
04	Instrument/ Electronic	<b>Overall Percentages</b>	<b>50%</b>
		Analogue Electronics	10%
		Digital Logic Design	10%
		Power/Industrial Electronics	10%
		Control Systems	10%
		AC and DC Machines	5%
		Telecommunication	5%
05	Chemist	<b>Overall Percentages</b>	<b>50%</b>
		Inorganic/ Analytical Chemistry	20%
		Applied /Environmental Chemistry	10%
		Organic / Biochemistry	10%
		Physical Chemistry	10%