

**Content Weightages for**  
**MT-Engineers - Written Test**

Sr. No	Core Areas Division	% Weight
1-	Verbal Reasoning (IQ)	25%
2-	Analytical Reasoning	25%
3-	Subject Specific	50%
	<b>Total</b>	<b>100%</b>

Sr. No	Designation of the Post	Criteria and Subject Division	Subject % Weight
	<b>Management Trainee Maintenance (Mechanical)</b>	<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%
<b>02</b>	<b>Management Trainee Production (Chemical)</b>	<b>Overall Percentage</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%
<b>03</b>	<b>Management Trainee Electrical (Electrical)</b>	<b>Overall Percentage</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%
<b>04</b>	<b>Management Trainee Instrumentation (Instrument/ Electronic)</b>	<b>Overall Percentage</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%
<b>05</b>	<b>Management Trainee Technical Services Laboratory (Chemistry)</b>	<b>Overall Percentages</b>	<b>50%</b>
		Basics of Analytical Chemistry	05%
		Spectrometry and Spectrophotometry	05%
		Derivative Spectroscopy	05%
		Atomic Spectroscopy	05%

		Thermal Methods of Analyses	05%
		Inorganic Chemistry	10%
		Chemistry of Non-aqueous Solvents	05%
		Industrial Chemistry	10%