

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

Sr. No	Core Areas Division	% Weight
1-	Verbal Reasoning (IQ)	30%
2-	Analytical Reasoning	30%
3-	Subject Specific	40%
	<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>40%</b>
		Power Plants & Thermodynamics	7%
		Engineering drawing and graphics	7%
		Materials & Manufacturing Processes	6%
		Machine design	5%
		Mechanics of Material	5%
		Mechanical Vibrations	5%
		Basic Electrical and Electronics	5%
02	<b>Management Trainee Production (Chemical)</b>	<b>Overall Percentage</b>	<b>40%</b>
		Chemical Process Principles	7%
		Chemical Engineering Thermodynamics	7%
		Chemical Reaction Engineering	6%
		Heat & Mass Transfer	10%
		Fluid Mechanics	5%
		Instrument and Process Control	5%
03	<b>Management Trainee Electrical (Electrical)</b>	<b>Overall Percentage</b>	<b>40%</b>
		Power Generation and Transmission	7%
		Power Distribution	7%
		Power System Protection	6%
		Power Electronics	10%
		High Voltage Engineering	5%
		Power System Analysis	5%
04	<b>Management Trainee Instrumentation (Instrument/ Electronic)</b>	<b>Overall Percentage</b>	<b>40%</b>
		Analogue Electronics	7%
		Digital Logic Design	7%
		Power/Industrial Electronics	6%
		Control Systems	10%
		AC and DC Machines	5%
05	<b>Management Trainee Technical Services Laboratory</b>	<b>Overall Percentages</b>	<b>40%</b>
		Basics of Analytical Chemistry	05%
		Spectrometry and Spectrophotometry	05%
		Derivative Spectroscopy	05%

	<b>(Chemist)</b>	Atomic Spectroscopy	05%
		Thermal Methods of Analyses	05%
		Inorganic Chemistry	05%
		Chemistry of Non-aqueous Solvents	05%
		Industrial Chemistry	05%