

**Approved Content Weightages for Al Moiz Graduate Trainee Engineers
(GTE)**

Sr. No	Core Areas Division	% Weight
1-	Verbal Reasoning	20%
2-	Quantitative	20%
3-	Analytical Reasoning	20%
3-	Subject Trade Specific	40%
	Total	100%

Sr. No	Designation of the Post	Criteria and Subject Division	Subject % Weight
01	GTE (Mechatronics)	Overall Percentage	40%
		Power Plants & Thermodynamics	08%
		Engineering drawing and graphics	08%
		Materials & Manufacturing Processes	08%
		Machine design	4%
		Power Electronics	4%
		High Voltage Engineering	4%
		Power System Analysis	4%
02	GTE (Chemical)	Overall Percentage	40%
		Chemical Process Principles	08%
		Chemical Engineering Thermodynamics	08%
		Chemical Reaction Engineering	08%
		Heat & Mass Transfer	08%
		Fluid Mechanics	04%
		Instrument and Process Control	04%
03	GTE (Electrical)	Overall Percentage	40%
		Power Generation and Transmission	08%
		Power Distribution	08%
		Power System Protection	08%
		Power Electronics	08%
		High Voltage Engineering	04%
		Power System Analysis	04%
04	GTE (Electronics / Instrument)	Overall Percentage	40%
		Analogue Electronics	08%
		Digital Logic Design	08%
		Power/Industrial Electronics	08%
		Control Systems	08%
		AC and DC Machines	04%
		Telecommunication	04%
05	GTE (Mechanical)	Overall Percentages	40%
		Applied Physics	08%
		Applied Mathematics	08%

		Engineering Drawing	08%
		Machine Design	04%
		Workshop Practices	04%
		Metrology, Metallurgy, Materials testing & Heat treatment.	08%