

**Approved Content Weightages for Al Moiz Graduate Trainee Agriculture Officers (GTAO)**

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

Sr. No	Designation of the Post	Criteria and Subject Division	Subject % Weight
01	<b>GTAO (Agronomy)</b>	<b>Overall Percentage</b>	<b>40%</b>
		Methods of Propagation (Sexual/asexual)(Seed/Cuttings/Budding/Grafting/Layering etc)	08%
		Green house/ lath-house management (Hot bin / Mist bin / Humidity / Temperature /Light etc	08%
		Role of Growth media in plant Propagation	08%
		Use of Plant growth regulator and Hormones	4%
		Rootstock functions and multiplication	4%
		Stionic relationship	4%
		Role of Climatic conditions for better yield and quality	4%
02	<b>GTAO (Entomology)</b>	<b>Overall Percentage</b>	<b>40%</b>
		Biology and Taxonomy of Insects	08%
		Diversity and Evolution of Insects	08%
		Insect Physiology and Behaviour	08%
		Parasitic Technology	08%
		Ecological Entomology	08%
03	<b>GTAO (Soil Sciences)</b>	<b>Overall Percentage</b>	<b>40%</b>
		Physical Properties of Soil	08%
		Soil Fertility and Fertilizers	08%
		<b>Water Pollutants, organic, inorganic and microbial</b>	08%
		<b>Soil Pollutants: inorganic, organic and radioactive</b>	08%
		<b>Integrated Plant Nutrient Management</b>	04%
		<b>Crop growth and factors affecting it</b>	04%
04	<b>GTAO (Plant Breeding &amp; Genetics)</b>	<b>Overall Percentage</b>	<b>40%</b>
		Plant Breeding	08%
		Cyto Genetics	08%
		General Genetics	08%

		Genetics Engineering	08%
		Bio Technology	04%
		Tissue Culture	04%
05	<b>GTAO (Farm Machinery)</b>	<b>Overall Percentages</b>	<b>40%</b>
		Automotive Electrician and Electronics	08%
		Vehicle Control System	08%
		Problems in IC Engines/ Remedies	08%
		Basic Mechanical Workshop (Lathe, Welding and Foundry)	04%
		Farm Machinery	08%
		Soil and Fertilizer	04%
06	<b>GTAO (Plant Pathology)</b>	<b>Overall Percentages</b>	<b>40%</b>
		Fungal systematics	08%
		Plant Bacteriology and Nematology	04%
		Epidemiology of plant disease	04%
		Genetics of plant pathogen	04%
		Biochemistry and Physiology of diseased plant	04%
		Seed Pathology	04%
		Advances in plant pathology	04%
		Plant virology	04%
		Plants microbe interaction	04%