

M.Com. (Valu.) Sem.-3 Examination
Agricultural Science & Agronomy
November-2025

Time : 2-30 Hours]

[Max. Marks : 70

Time: 2:30 P.M. To 5:00 P.M.

- Q-1** Enlist the **Physical Properties of Soil** and Describe the **Types of Soil Structure** with a figure. **14 Marks**
- OR**
- Q-1(A)** Enlist different Irrigation methods and explain any one. **7 Marks**
- Q-1(B)** Write a detailed note on the **Advantages of Pressurized Irrigation System** (Drip & Sprinkler). **7 Marks**
- Q-2** Write a note on **Land Capability Classification (LCC)**, explaining its purpose and the basis of its categorization. **14 Marks**
- OR**
- Q-2(A)** Describe the **Economical losses and other adverse effects** caused by **Weeds** in crop cultivation. **7 Marks**
- Q-2(B)** Write a note on **Types of Farm Business Organizations**, explaining any three types in brief. **7 Marks**
- Q-3** **Explain the components of Soils (Volume Basis)**, and discuss the importance of soil air and soil water in relation to plant growth. **14 Marks**
- OR**
- Q-3(A)** **Differentiate between Drip Irrigation and Sprinkler Irrigation** on the basis of Water Application, Efficiency, and Cost. **7 Marks**
- Q-3(B)** **Differentiate between Sandy Soil & Clay Soil** on the basis of Texture, Drainage, and Aeration. **7 Marks**
- Q-4** Write a note on **Greenhouse Farming (Protected Cultivation)**, highlighting its key features and advantages. **14 Marks**
- OR**
- Q-4(A)** Define **Drainage** and explain the conditions under which **Drainage of Farm Land is required**. **7 Marks**
- Q-4(B)** Describe the essential **Parts of a Drip Irrigation System** with a figure. **7 Marks**
- Q-5** **Write a Short Note on: (ANY TWO - 7 Marks each)** **14 Marks**
1. **Types of Farming** (e.g., Specialized farming, Mixed farming)
 2. **Land Appraisal**
 3. **Different Agricultural Assets**
 4. **Residual Value** (in the context of agricultural assets)

