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**School of Agriculture**  
**Master of Science in Agronomy**  
**Semester End Examination - Nov 2023**

**Duration : 180 Minutes**  
**Max Marks : 100**

**Sem III - AGRON513 - Principles and Practices of Organic Farming**

General Instructions

*Answer to the specific question asked*

*Draw neat, labelled diagrams wherever necessary*

*Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Compare the effectiveness of different organic residues and manures in enhancing soil fertility. K1 (2)
- 2) Contrast the types of drought experienced in dryland regions and their implications for crop plants and farming practices. K2 (4)
- 3) Illustrate the importance of biofertilizers in maintaining soil fertility in organic farming. K2 (6)
- 4) Solve the challenges faced in integrating organic farming into the national economy. K3 (9)
- 5) Solve the the challenges of obtaining certification, such as ICS and PGS, be solved to promote organic farming practices? K3 (9)
- 6) Criteria for organic farming certification K5 (10)
- 7) Relationship between soil biota and soil fertility in organic farming. K4 (12)
- 8) Criticize the potential drawbacks or risks associated with specific intercropping practices. K5 (15)
- 9) Justification for the use of specific solutions to enhance water use efficiency in organic farming practices. K5 (15)
- 10) Elaborate on the use of crop rotations and intercropping to control weeds and pests. K6 (18)