

# School of Agriculture

Department of Agriculture  
Mid Term Examination

Exam Date: 01 Oct 2023  
Time : 90 Minutes  
Marks : 50

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

*Your answer should be specific to the question asked  
Draw neat labeled diagrams wherever necessary*

- 1) Outline the key principles of intercropping and its relevance to sustainable agriculture K2 (2)
- 2) Define intercropping and explain its role in maintaining soil productivity. K1 (3)
- 3) Explain how organic seed production contributes to the sustainability of cropping systems. K2 (4)
- 4) Summarize the benefits of crop rotations in maintaining soil productivity and sustainability. K2 (6)
- 5) Identify effective methods of organic seed production. K3 (6)
- 6) Make use of multiple cropping systems to enhance crop diversity and resource efficiency. K3 (9)
- 7) Classify the different land and water management techniques used in organic farming, such as land use, minimum tillage, and shelter zones. K4 (8)
- 8) Explain the significance of organic residues in organic farming and their decomposition process. K4 (12)

**OR**

Examine the benefits of intercropping in relation to the maintenance of soil productivity and resilience. K4 (12)