

# School of Agriculture

Agriculture  
ETE - Jun 2023

Time : 3 Hours

Marks : 50

## Sem VI - AGRI3012 - Protected Cultivation and Secondary Agriculture

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Illustrate the equipments using in green house for the good production crops. K2 CO2 (2)
2. Describe the porosity in engineering properties. K1 CO5 (2)
3. Explain passisve solar greenhouse. K1 CO3 (2)
4. Explain the sprinkler irrigation system in agriculture. K1 CO1 (2)
5. Define the heating system of greenhouse. K2 CO4 (2)
6. Explain the history of green house in details. K3 CO1 (5)
7. Categorize the working principle of solar dryer. K4 CO5 (6)
8. Construct the design of green houses in agriculture. K3 CO2 (5)
9. Write about the Louisiana state university (LSU) dryer, their construction and their working principles. K4 CO4 (8)
10. Construct the Gravity vented unit heaters and Power vented unit heaters of polyhouse in details. K3 CO3 (8)
11. construct the different types of commercial grain dryers and their working principles. K5 CO5 (8)