

School of Agriculture**Bachelor of Science Honours in Agriculture
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem VI - A1UA603B - AGRI3012 - Protected Cultivation and Secondary Agriculture***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) What is meant by "greenhouse." Find the approximate global usage of plastic greenhouses? K1(2)
- 2) Explain briefly the important features of belt conveyors. K2(4)
- 3) Summarize the covering materials along with their lifespan? K2(6)
- 4) How can an effective agriculture be sustained? Provide suitable solutions. K3(9)
- 5) Give an explanation of the Louisiana State University (LSU) dryer construction. K3(9)
- 6) Interpret the procedure that must be adhered to when designing equipment for food plants. K5(10)
- 7) Analyse the greenhouse effect phenomenon. K4(12)
- 8) Determine the necessary drip irrigation system components using an appropriate labelled diagram. K5(15)
- 9) Determine the greenhouse's evolution in brief. K5(15)
- 10) Elaborate the different types of irrigation system used in greenhouse. K6(18)