

School of Agriculture**Bachelor of Science Honours in Agriculture
Semester End Examination - Jul 2024****Duration : 180 Minutes
Max Marks : 100****Sem I - A1UA104B - Introduction to Forestry***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*

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| 1) | Tell about Agro-forestry. | K1(2) |
| 2) | List the factors affecting the choice of Forest Regeneration Method? | K4(4) |
| 3) | Discuss the plant Species Suitable for Wind Breaks? | K6(6) |
| 4) | Evaluate the social and economic implications of adopting Conservation Agriculture in a specific region. How does the transition to Conservation Agriculture impact local communities, farmers' livelihoods, and the overall economy? | K3(9) |
| 5) | Make use of the different forms of Natural Regeneration of Forest. | K3(9) |
| 6) | Interpret in detail about the steps for Site Preparation for Regeneration of Forest. | K5(10) |
| 7) | How does the integration of leguminous trees in agroforestry systems contribute to nitrogen fixation and nutrient cycling? Explain the ecological and agronomic benefits of this practice in the context of Conservation Agriculture. | K6(12) |
| 8) | Assess in detail about the branches of forestry. | K5(15) |
| 9) | Determine the Coppice System of Silviculture in detail. | K5(15) |
| 10) | Elaborate the classification of forest. | K6(18) |