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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 - AGRON510 - Agrostology and Agroforestry

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) Tell about establishment methods of pasture. K1 (2)
- 2) Explain the role of agronomy for agro-forestry system development K2 (4)
- 3) Illustrate poplar based agro-forestry benefits and suitable crop K2 (6)
- 4) Develop best model for agro-forestry in hilly region K3 (9)
- 5) Solve the problem of seed and seedling survival of forest tree K3 (9)
- 6) Give opinion on soil protection from erosion with growing of suitable grasses in pasture K5 (10)
- 7) Analyze the crop growth and dry matter accumulation in forest trees K4 (12)
- 8) Give Justification on wasteland development with growing of grasses K5 (15)
- 9) Criticize the allelopathic effect of tree on crop plant K5 (15)
- 10) Elaborate the functional and ecological classification of agro-forestry and agrostology K6 (18)