K25FY3360 Pages: 2 Reg No:.....
Name:.....

Third Semester FYUGP Degree Examination NOVEMBER 2025

KU3DSCFOR203 - INTRODUCTION TO AGROFORESTRY

2024 Admission onwards

Time : 1.5 hours Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. List the disadvantages of agroforestry systems.
2. What are multipurpose trees (MPTs)? Give two examples.
3. What is agroforestry, and what are its key attributes?
4. Can you name a textbook on agroforestry and mention its author?
5. Differentiate between mutualism and allelopathy.
6. How is crop selection done in agroforestry systems?
7. What are the advantages of alley cropping?
8. Give three examples of multipurpose tree species (MPTs).

SIR SYED COLLEGE
CENTRAL LIBRARY

Section B

Answer any 4 questions. Each carry 6 marks.

9. A farmer wants to maintain tree height and reduce shading in his agroforestry farm. Which canopy management technique would you recommend and why?
10. A farmer observes reduced crop yield when Eucalyptus trees are grown alongside his crops. Using your knowledge of tree-crop interactions, suggest suitable management interventions.
11. Compare and contrast the effects of leguminous and non-leguminous tree species on crop yield in an agroforestry setting.
12. Distinguish between plantation agriculture and plantation forestry.
13. Compare and contrast the characteristics of plantation agriculture and plantation forestry, highlighting their similarities and differences.
14. Analyze the potential of protein banks to enhance livestock productivity and reduce dependence on external feed sources.

Section C

Answer any 1 questions. Each carry 14 marks.

15. Critically evaluate agroforestry as a land-use option in India.

16. Design an agroforestry system for a degraded land area.

قل ربّ زدني علما
SIR SYED COLLEGE
CENTRAL LIBRARY