

B.Sc. 1st Semester (Honour's) Examination, 2021
FORESTRY

Course ID: 13502

Course Code: SH/FST/ SA-1102

Course Title: *Principles of Agroforestry*

Time: 2 Hours

Full Marks: 50

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable

I. Write a definition or one sentence answer any 10 of the following 1x10=10

1. Define tillage.
2. Write botanical name of mango.
3. Agroforestry
4. Community forestry]
5. Write two examples of fodder trees.
6. Departmental taungya system
7. Apiculture with tree
8. Alley cropping
9. Shelter belt
10. Leased taungya
11. Soil conservation hedges
12. Village Taungya
13. Social forestry
14. Agri-silvicultural system
15. Home Garden

II. Write short note/ define any 10 of the following 2x10 =20

1. Farm
2. Agrisilviculture system
3. Shifting cultivation
4. Roadside plantation
5. Write down the botanical name of 3 important medicinal tree species of Bankura district
6. Herbicide
7. Write short note on bio-fertilizer.
8. Agri-silvicultural system
9. Home Garden
10. Wind brakes
11. Provisioning services
12. Community forestry
13. Supplementary interaction

14. Write down 2 example of nitrogen fixing tree species (Botanical Name)
15. Agri-silvi horticultural system

III. Write down in brief any four of the following.

5x4=20

1. Write principles and benefits of agro forestry.
2. Differentiate between farm forestry and agro forestry
3. Describe agro forestry system with its classification.
4. Describe multipurpose species. Name few multi purpose tree species with references to West Bengal
5. Role of women in Indian Agroforestry development
6. Direct and indirect benefits of Agroforrestry