

III. Write down in brief any *four* of the followings: 5×4=20

1. Buffer- zone of agroforestry
 2. Soil taxonomy
 3. What is Taungya system? Discuss different types of Taungya system.
 4. Describe agro forestry system with its classification.
 5. Describe multipurpose species. Name few multi purpose tree species with references to West Bengal
 6. Beneficial effect of trees on soil
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Total Pages—4

22-23/13502

B.Sc. 1st Semester (Honours) Examination, 2022-23

FORESTRY

COURSE ID: 13502 COURSE CODE: SH/FST/SA 1102

COURSE TITLE: Principles of Agroforestry

(New Syllabus)

Time : 2 Hours

Full Marks : 50

The figures in the right hand margin indicate full marks.

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

I. Define any *Ten* questions : 1×10=10

1. Mention two multipurpose trees
2. Full Form of ICRAF
3. Farm forestry
4. Mention a plant which have allelopathy effect
5. Intercropping
6. Define apiculture

7. Protein bank system
8. Mention one tree species used for soil improvement
9. Full form of ATP
10. Write scope of social Forestry
11. Write two examples of fodder trees.
12. Departmental taungya system
13. Apiculture with tree
14. Village Taungya
15. Social forestry

II. Write short note/define any *Ten* of the followings:

2×10=20

1. Two features Farm Forestry
2. Mention two scientific name of fruit trees used in agro Forestry system
3. Home garden
4. Agrisilviculture system

5. Different types of Shifting cultivation in india
6. Ornament plantation
7. Shelter belt
8. Write down the botanical name of 3 important medicinal tree species of Bankura district
9. Mention origin and distribution of *Azadirachta indica*
10. Tree-crop interface
11. Community forestry
12. Aqua Forestry
13. Write down 2 example of nitrogen fixing tree species (Botanical Name)
14. Agri-silvi horticultural system
15. Soil erosion