

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE  
SEMESTER END EXAMINATION

B.Sc. (Hort.)

Semester	: V (New)	Term	: I	Academic Year	: 2017-18
Course No.	: H /HORT 354	Title	: Introductory Agro-Forestry and		
Credits	: 2(1+1)		: Horti-Silvipasture		
Day & Date	: Thursday, 16.11.2017	Time	: 14.00 to 16.00	Total Marks	: 40

Note : 1. Solve ANY EIGHT questions from SECTION "A".

2. All questions from SECTION "B" are compulsory.

3. All questions carry equal marks.

4. Draw neat diagrams wherever necessary.

College of Horticulture  
AMRAVATI  
Library Department

SECTION "A"

- Q.1 Define agro-forestry and give advantages of agro-forestry systems.
- Q.2 Describe in brief the role of forests in India.
- Q.3 Classify agro-forestry systems on different basis and explain in brief taungya system.
- Q.4 Explain in brief the characteristics of tree crop species suitable for agro-forestry.
- Q.5 Write a note on improved fallow species in shifting cultivation.
- Q.6 Describe in brief the constraints of agro-forestry systems.
- Q.7 Write short notes (Any Two).
- Home gardens
  - Shelter belts
  - Alley cropping
- Q.8 What are the criteria for good agro-forestry design? Explain in brief about them.
- Q.9 Define social forestry and describe the benefits of social forestry.
- Q.10 Write important nursery techniques of the following species (Any Two).
- Tamarind
  - Teak
  - Neem

SECTION "B"

- Q.11 Define the following terms.
- 1) Coppice
  - 2) Multipurpose trees
  - 3) Lopping
  - 4) Farm forestry
- Q.12 Give one example of the plant species suitable for the following purpose.
- 1) Fuel wood
  - 2) Fodder
  - 3) Essential oils
  - 4) Green manure

