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MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hort.)

Semester : V (New)	Term : I	Academic Year : 2016-17
Course No. : H /HORT 354	Title : Introductory Agro-Forestry and	
Credits : 2(1+1)	Horti-Silvipasture	
Day & Date : Monday, 21.11.2016	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
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SECTION "A"

- Q.1 Describe in brief the benefits of social forestry.
- Q.2 Define silviculture and write its objectives.
- Q.3 Define the term agroforestry and describe its benefits.
- Q.4 Write the regeneration methods of forest with suitable examples.
- Q.5 What factors are to be considered while selecting a site for forest nursery.
- Q.6 Describe in brief selection of crop species for agroforestry.
- Q.7 Write short notes (Any two).
- 1) Windbreaks
 - 2) Taungya system
 - 3) Multipurpose tree species
- Q.8 Write in brief about shifting cultivation.
- Q.9 Describe in brief the problems of agroforestry system.
- Q.10 Define alley cropping and enlist important characteristics to be considered while selection of species for alley cropping.

SECTION "B"

- Q.11 Define the following terms.
- 1) Silvipastoral system
 - 2) Lopping
 - 3) Browsing
 - 4) Shelterbelts
- Q.12 Answer in one sentence, commercial use of the following species.
- 1) Ritha
 - 2) Tamrind
 - 3) Mulberry
 - 4) Anjan

