MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION
B.Sc.(Hons.) Horticulture

Semester	: V (New)	Term	: First	Academic Year	: 2023-24
Course No.	: H/HORT 352	Title	: Introductory Agroforestry		
Credits	: 2 (1+1)				
Day & Date	: Thursday, 14.12.2023	Time	: 14:00 to 16:00 hrs.	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 diagram wherever necessary.

SECTION 'A'

Q.1 Write the objectives and potential of Agroforestry.

Q.2 Distinguish between Agroforestry and Social Forestry.

Q.3 Describe in brief the role of forest in Indian farming system.

Q.4 Define System. Enlist the different agroforestry systems.

Q.5 Write short notes on (Any Two):

a) Shelter belts   b) Taungya   c) Energy plantation

Q.6 Write the criteria for selection of nursery site.

Q.7 What is Diagnosis and Design (D and D)? Write the criteria of a good agroforestry design.

Q.8 Write the criteria for selection of tree crop species for agroforestry.

Q.9 What is MPTS? Write management strategy for MPTS.

Q.10 Write important uses of the following species:

a) *Acacia catechu*   b) *Morus alba*   c) *Azadirachta indica*   d) *Eucalyptus* spp.

SECTION 'B'

Q.11 Define the following terms:

1) Agroforestry   2) Pruning   3) Pollarding   4) Lopping

Q.12 Match the pairs:

'A'	'B'
1) Teak	a) Paper industry
2) Bamboo	b) Katha industry
3) Tembhrun/Tendu	c) Furniture industry
4) *Acacia catechu*	d) Bidi industry

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