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

Semester	: V (New)	Term : **First**	Academic Year : **2022-23**
Course No.	: H/HORT 352	Title : **Introductory Agroforestry**	
Credits	: 2(1+1)		
Day & Date	: Friday, 10.02.2023	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 Define the term 'Agro-forestry' and describe the benefits of agro-forestry.

Q.2 Write the difference between agro-forestry and social forestry.

Q.3 Explain the role of forest in Indian farming system.

Q.4 Describe in brief selection of crop species for agro-forestry.

Q.5 Write in brief about Taungya system.

Q.6 Write the regeneration and planting technique of *Delbergia sissoo.*

Q.7 Write short notes on (Any two):

a) Shifting cultivation   b) Alley cropping   c) Horti-silviculture

Q.8 What are wind breaks and shelter belts? State their benefits.

Q.9 Describe in brief the constraints of agro-forestry system.

Q.10 Describe in brief factors considered while selecting a site for forest nursery.

SECTION 'B'

Q.11 Answer in one sentence:

1) Define: Silvipasture.

2) Write two minor forest produce from the forest.

3) Write the botanical name of neem.

4) What is the use of poplar tree?

Q.12 Fill in the blanks:

1) Area-wise, _____ state of India has the largest area under forest cover.

2) The system involves deliberate use of land for the production of agricultural crops in combination with forest tree species, is known as _____ system.

3) Headquarters of National Research Centre for Agro-forestry is located at _____.

4) Regeneration of tamarind is mostly done through _____.

❖❖❖❖❖❖❖❖❖