

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE  
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

Semester	: II (New)	Term	: Second	Academic Year	: 2023-24
Course No.	: FRST 121	Title	: Introduction to Forestry		
Credits	: 2 (1+1)				
Day & Date	: Wednesday, 22.05.2024	Time	: 10:00 to 12:00 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 Enlist different forest policies implemented in India and write the salient features of Forest Policy of 1988.
- Q.2 Explain in brief the classification of origin of forest stands on the following basis:  
a) Age      b) Regeneration      c) Composition      d) Growing stock
- Q.3 Define Forest and elaborate the role of forests for the benefit of mankind.
- Q.4 Explain the factors affecting natural regeneration.
- Q.5 Describe the objectives and scope of Silviculture.
- Q.6 Enlist the criteria for selection of suitable tree for Agroforestry systems.
- Q.7 Write a brief note on windbreaks and shelterbelts in Agroforestry.
- Q.8 Enlist two tree species each suitable for fuel, wood, leaf fodder, paper and timber purpose.
- Q.9 Describe in detail standard rules governing breast height measurement.
- Q.10 Define Forest mensuration and explain objectives of forest mensuration.

SECTION 'B'

Q.11 Fill in the blanks:

- 1) 'International Day of Forest' is celebrated every year on \_\_\_\_\_.
- 2) First ever, Indian Forest Act was drafted in the year \_\_\_\_\_.
- 3) Trees which do not shed their leaves, are called as \_\_\_\_\_.
- 4) The word 'Forest' is derived from the Latin word \_\_\_\_\_.

Q.12 Define the following terms:

- 1) Deciduous forest
- 2) Pure forest
- 3) Mixed forest
- 4) Agroforestry

