

18. (a) Discuss on sustainable forest management.

Or

(b) What is the importance of social and agroforestry for timber production?

19. (a) Describe the secondary growth formation.

Or

(b) How you differentiate ring porous wood from diffused porous wood.

20. (a) Write general properties of wood.

Or

(b) Narrate the microscopic characteristics of hardwood.

SECTION C — (3 × 10 = 30)

Answer any THREE questions

21. Discuss on forest types of Tamilnadu.

22. Write an essay on silviculture.

23. Write an essay on forest health and its management.

24. Write an essay on the properties of wood.

25. How the variability of anatomical structure changes the wood structure.

S.No. 6187

P 22 BOE 1 A

(For candidates admitted from 2022–23 onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2023.

Botany — Elective

FORESTRY AND WOOD TECHNOLOGY

Time : Three hours

Maximum : 75 marks

SECTION A — (20 marks)

Answer ALL questions

I (A) Choose the correct answer : (5 × 1 = 5)

1. Which of the following forest type is called as monsoon forest?

- (a) Rain forest (b) Equatorial forest  
(c) Deciduous forest (d) Mountain forest

2. \_\_\_\_\_ is the branch of forestry dealing with the timber production.

- (a) Agronomy (b) Pisciculture  
(c) Silviculture (d) Horticulture

3. Agroforestry is a type of \_\_\_\_\_.

- (a) Mixed cropping (b) Double cropping  
(c) Multiple cropping (d) Mono cropping

