

No. of Printed Pages : 1

21BOT4E4CL

Sl. No.



M.Sc. IV Semester Degree Examination, October - 2023

BOTANY

Forest Botany

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Q.No. 1 is **compulsory**.

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| 1. | Explain any two types of forests in India and their characteristics. | 14 |
| 2. | (a) Write on abiotic factor and their interactions. | 5 |
| | (b) Discuss the factors affecting forest structure. | 5 |
| | (c) What is forest ecology ? | 4 |
| 3. | (a) Write on wood seasoning and its importance. | 5 |
| | (b) Explain the pharmacologically active metabolites (any two). | 5 |
| | (c) Discuss the industrial utilization of resin. | 4 |
| 4. | Explain forest valuation and appraisal in regulated forests. | 14 |
| 5. | (a) Discuss on National Forest Policy 1988. | 5 |
| | (b) Write on Indian Forest Act 1927. | 5 |
| | (c) Explain the importance of forest rules and guidelines. | 4 |
| 6. | Explain the effects of environmental gradients on dynamics of vegetation communities over the time. | 14 |
| 7. | (a) Write on harvesting and marketing of forest procedure. | 5 |
| | (b) Explain forest valuation and its Importance in Management of Forests. | 5 |
| | (c) Define Wildlife Act 1972. | 4 |
| 8. | (a) Explain the structure and composition of forest. | 5 |
| | (b) Write on forest mensuration. | 5 |
| | (c) Define Dendrology and write its importance. | 4 |

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