



M.Sc. IV Semester Degree Examination, Sept./Oct. - 2024

BOTANY

DSE-4 : Forest Botany

(NEP)

Time : 3 Hours

Maximum Marks : 70

- Note :** (i) Answer **any five** of the following.
(ii) Question No. **1** is **Compulsory**.

1. Discuss on the sampling methods adopted in forestry. 14
2. (a) Explain interaction of Biotic factors with Forest Community. 10
(b) Write a note on factors affecting forest structure and composition. 4
3. (a) Types of wood and their preservation. 10
(b) Write a note on industrial utilization of wood products. 4
4. (a) Explain importance of site quality evaluation in forest management practices. 4
(b) Classical approaches to regulate the yield in forest management. 10
5. (a) Forest Conservation Act 1980. 5
(b) Aims and Objectives of National Forest Policy 1952. 5
(c) Wild Life Protection Act 1972. 4
6. Write notes on :
(a) Understory Ecology 5
(b) Utilization of natural rubber 5
(c) Functions of forests 4
7. (a) Explain the goals of control of composition and structure of wood management. 10
(b) What is stand density and write its classification. 4
8. Discuss the types of wood products and their utilization. 14

