

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2024
(Regular/Improvement/Supplementary)

BOTANY

FBOT2C06: ENVIRONMENTAL BIOLOGY, PHYTOGEOGRAPHY AND FOREST BOTANY

Time: 3 Hours

Maximum Weightage: 30

Part A: Answer any *four* questions. Each carries 2 weightage.

1. Define Biotic Potential.
2. Give a short note on El-Nino and La Nina effect.
3. What are Gene banks?
4. Explain Primary Productivity.
5. What is Endemism?
6. Explain Natality and Mortality.
7. Comment on Man and Biosphere programme.

(4 × 2 = 8 weightage)

Part B: Answer any *four* questions. Each carries 3 weightage.

8. Explain the effect of water pollution on living organism.
9. Conservation efforts face severe challenges. Substantiate.
10. Describe *In situ* and *Ex situ* conservation.
11. Write the consequences of deforestation.
12. Explain secondary pollution.
13. Write a note on continuous and discontinuous distribution.
14. Explain Wildlife Protection Act (1972).

(4 × 3 = 12 weightage)

Part C: Answer any *two* questions. Each carries 5 weightage.

15. Discuss the positive and negative impacts of Ecotourism?
16. Describe the consequences of air pollution.
17. Write an essay on major and minor forest products.
18. Explain the vegetational zones of India.

(2 × 5 = 10 weightage)