

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2025
(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. Explain Ecotone and Edge effect.
2. Comment on Greenhouse gases.
3. Write a note on theory of glaciations.
4. Explain Indian Forest Conservation Act (1980).
5. What are Keystone species?
6. Write any two forest products from Kerala.
7. What is cryopreservation?

(4 × 2 = 8 weightage)

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

8. Describe International Biological Programme.
9. Comment on red list categories.
10. Write a note on productivity measurement methods.
11. Explain continental drift theory.
12. Write the consequences of water pollution.
13. What are the positive impacts of ecotourism?
14. Explain EIA.

(4 × 3 = 12 weightage)

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

15. Write an essay on various vegetational zones of the world.
16. Describe the various forest types of India.
17. Explain *in situ* and *ex situ* conservation methods.
18. Describe the threats of Global Environment.

(2 × 5 = 10 weightage)