

25P230

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC19PBOT2C06 - PLANT ECOLOGY, CONSERVATION BIOLOGY, PHYTOGEOGRAPHY AND
FOREST BOTANY**

(Botany)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. What are the features of Tundra biomes?
2. Define biotic potential.
3. Define Ozone depletion.
4. Define species diversity index.
5. State Circumboreal Vegetation.
6. Quote Land Bridge Theory in Botany.
7. Define deforestation.

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Explain the global trends in primary productivity.
9. Estimate the significance of Western Ghats.
10. Discuss the problems of conservation of an ecosystem.
11. Enumerate major environmental hazards.
12. State Vicarism.
13. List the major forest products of Kerala.
14. List out the Kerala Forest plants from which essential oils are extracted.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. State causes and effects of environment and water pollution.
16. Explain habitat destruction and causes of threat to environment.
17. Describe the salient features and important provisions of the Environmental Protection Act 1986.
18. Locate the phytochoria of India.

(2 × 5 = 10 Weightage)
