

23P230

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2024

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC19P BOT2 C06 - 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. Mention the salient features of marine habitats.
2. Explain the term carrying capacity.
3. Describe the ecological significance of buffer zone.
4. Explain Deep Ecology.
5. Define Continental drift.
6. Define Neo-endemism.
7. Tabulate the features of evergreen forests.

(4 × 2 = 8 Weightage)

Part-B

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

8. Recognize El-Nino and La-Nino and its consequences.
9. List out major population characteristics.
10. Define different Red List categories with examples.
11. Write a note on remote sensing.
12. List the various patterns of plant distribution.
13. Brief account on major forest product in Kerala.
14. Mention the causes of deforestation.

(4 × 3 = 12 Weightage)

Part-C

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

15. Define Biotic potential and Carrying Capacity and list other population characteristics.
16. Explain overexploitation of resources and causes of threat to environment.
17. Explain the major treats to global environments.
18. Locate Phytochoria of World.

(2 × 5 = 10 Weightage)
