

22P230

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2023

(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. Write notes on Taiga.
2. Recognize El- Nino from La-Lino.
3. Discuss environmental Impact assessment.
4. Explain Deep Ecology.
5. Recognize pantropical distribution of plants.
6. Identify paleo endemic plants.
7. Brief account on major forest product in Kerala.

(4 × 2 = 8 Weightage)

Part-B

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

8. Explain the limits and processes of primary production.
9. Explain habitat destruction and causes of threat to environment.
10. Write a note on red list categories.
11. Explain the role of Government and NGOs on creating environmental awareness.
12. Define Glaciations and impact.
13. State the features of rainforest with its significance.
14. List the consequences of deforestation.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain carrying capacity and other important population characteristics.
16. Explain in situ and ex situ conservations with examples.
17. Mention the role of IUCN and UNEP. Add a note on IBP.
18. Define the Phytochoria of World in India.

(2 × 5 = 10 Weightage)
