

24P230

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Name : .....

Reg. No : .....

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2025**

(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. Explain the features of Marine habitats.
2. Enumerate the global trends in primary productivity.
3. What is cryopreservation.
4. Define species diversity index.
5. Find the patterns of plant distribution.
6. Define Continental drift.
7. Mention the list of Kerala plants from which gums and resins are obtained.

**(4 × 2 = 8 Weightage)**

**Part-B**

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

8. State the threats to the global environment.
9. List out major population characteristics.
10. Write a note on red list categories.
11. Write note on IBP.
12. Tabulate the reasons for endemism.
13. State the minor forest products of Kerala.
14. Mention how forests influence the environment.

**(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 habitat destruction and causes of threat to environment.
17. Recall various afforestation programme.
18. Locate Phytochoria of World.

**(2 × 5 = 10 Weightage)**

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