

21P230

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2022

(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. Differentiate ecotone from edge effect.
2. Define Natality and Mortality.
3. Provide the difference between in situ and ex situ conservation with suitable examples.
4. Explain Deep Ecology.
5. Define glaciations.
6. List the reasons for endemism.
7. Give a 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 causes and effects of air pollution.
9. State Greenhouse effect and ozone depletion.
10. Define different Red List categories with examples.
11. Explain United Nations Environmental Programme.
12. List the various patterns of plant distribution.
13. State the features of rainforest with its significance.

14. Mention the influences of forest on environment.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain salient feature of Terrestrial Biomes and wetland and marine habitats.

16. Explain habitat destruction and causes of threat to environment.

17. Explain the role of government and NGOs in environmental awareness. Add a note on Gaia Hypothesis.

18. Brief account on Phytochoria of world and India.

(2 × 5 = 10 Weightage)
