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Name:

Reg.No:

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19PBOT4E01 - ENVIRONMENTAL BIOLOGY AND BIODIVERSITY CONSERVATION

(Botany)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. Explain positive interactions.
2. Explain the Kyoto protocol.
3. Explain basic aspects of disaster management.
4. List out the consequences of climate change.
5. Discuss Ramsar sites in Kerala.
6. List out the contributions of Vandana Siva.
7. Describe Cybernetics.

(4 × 2 = 8 Weightage)

Part-B

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

8. Differentiate between r and k selection.
9. Compare and contrast conservation, preservation, and restoration.
10. Mention the reasons of biomes under pressure.
11. Explain greenhouse gases.
12. Mention the features of shola forest and grasslands.
13. Distinguish between exsitu and insitu conservation.
14. Explain the role of NGOs in biodiversity conservation.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain human population expansion and its consequences. Add a note on Cairo conference (1994).
16. Explain the causes of Marine fisheries decline. Add a note on Loss of biological diversity and excess nitrogen.
17. Elucidate National and International environmental protection Laws.
18. Explain role of virtual libraries and databases in biodiversity information management and communication.

(2 × 5 = 10 Weightage)
