

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2025

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19PESC3C15 - BIODIVERSITY AND CONSERVATION

(Environmental Science)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-AAnswer any ***four*** questions. Each question carries 2 weightage.

1. What are the major water resources in India?
2. What are the major groups of plants? Explain.
3. What is genetic variation and why is it important?
4. What are the common human activities that can harm biodiversity?
5. How are IUCN categories determined?
6. Define an ecosystem.
7. What is spore bank?

(4 × 2 = 8 Weightage)**Part-B**Answer any ***four*** questions. Each question carries 3 weightage.

8. Write a note on the global efforts for sustainable management of wetlands.
9. What are the main levels of biodiversity? Explain.
10. Why are wetlands valuable to environment?
11. What are patents? Explain with examples.
12. What are the common mating systems?
13. How does ecotourism help wildlife?
14. What is the difference between CITES and TRAFFIC?

(4 × 3 = 12 Weightage)**Part-C**Answer any ***two*** questions. Each question carries 5 weightage.

15. Write a note on biodiversity hotspots and their characteristics.

16. Discuss the impact of global warming on biodiversity. Explain the measures to control global warming.
17. Write a detailed note on the international conservation movements.
18. Explain the in-situ biodiversity conservation methods.

(2 × 5 = 10 Weightage)
