

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2025
(Regular/Improvement/Supplementary)

ZOOLOGY

FZOL4E12 - ENVIRONMENTAL BIOLOGY-III: ENVIRONMENTAL CONSERVATION

Time: 3 Hours

Maximum Weightage: 30

Part A: Answer any *four* questions. Each carries *two* weightage.

1. Enumerate the causes and consequences of deforestation.
2. What are the impacts of marine debris?
3. Write a note on different types of endemism citing examples.
4. What are ecologically sensitive areas? Give examples.
5. Comment on red data book.
6. Give a short note on restoration.
7. How do keystone species influence the structure and stability of an ecosystem?

(4 × 2 = 8 weightage)

Part B: Answer any *four* questions. Each carries *three* weightage.

8. Write a note on coral reef biology and its conservation strategies.
9. Differentiate EIS from EIA.
10. Explain Integrated Pest Management in detail.
11. Write a note on any three global wildlife conservation strategies.
12. Give a brief account on mangroves.
13. What are endangered species? Give its conservation strategies.
14. Write a note on ecotourism and its impacts.

(4 × 3 = 12 weightage)

Part C: Answer any *two* questions. Each carries *five* weightage.

15. Write an essay on wetland conservation strategies.
16. What are hotspots? Write an account on hotspots in India.
17. Write an essay on *in-situ* conservation strategies.
18. Give an account on environmental protection movements.

(2 × 5 = 10 weightage)