

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2022
(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. What do you understand by social forestry?
2. What is cloud stripping?
3. Comment on traditional ecological knowledge.
4. What is endemism?
5. Comment on operation Wallacea.
6. What are garbage patches?
7. Comment on Narmada bachao andolan.

(4 × 2 = 8 weightage)

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

8. Write an account on ocean acidification.
9. What are the major causes of species losses in a geographical region?
10. Write about Ramsar sites with examples from Kerala.
11. Briefly explain wildlife protection act 1972 and its amendments and schedules.
12. Write an account on Indian endangered fauna.
13. Give an account on marine debris.
14. Discuss the ethical and socio- economic problems associated with displacement of rural communities.

(4 × 3 = 12 weightage)

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

15. What is environmental impact assessment? Discuss its importance in relation with developmental plans of the country.
16. Write an account on biodiversity hotspots in India.
17. Give a detailed account on conservation strategies of endangered species with special reference to India.
18. Forests are an important natural resource. Discuss the current status of forest cover in India.

(2 × 5 = 10 weightage)