

D4AZL2302

(2 Pages)

Name.....

Reg.No.....

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2025

(Regular/Improvement/Supplementary)

ZOOLOGY

FZOL4E11 - ENVIRONMENTAL BIOLOGY-II: ENVIRONMENTAL POLLUTION

Time: 3 Hours

Maximum Weightage: 30

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

1. List out the problems of solid waste disposal.
2. Write notes on biological magnification.
3. What are the methods of biological waste disposal?
4. Comment on love canal episode.
5. What are the water quality standards?
6. What is eutrophication?
7. Write notes on scrubbers.

(4 × 2 = 8 weightage)

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

8. Prepare a note on compounds of carbon as a primary air pollutant.
9. Explain the generation of biogas production?
10. What is photochemical smog?
11. Explain BOD.
12. What are the carcinogens present in food?
13. Explain the methods of sampling and monitoring of ozone.
14. Explain the methods of recycling of solid wastes.

(4 × 3 = 12 weightage)

(PTO)

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

15. Explain the sources, effects and abatement of noise pollution.
16. Prepare an essay on sewage and sewage treatment.
17. Explain the sources and effects of heavy metals.
18. Explain the effects of air pollution.

(2 × 5 = 10 weightage)