



QP CODE: 26019283



26019283

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

M Sc ZOOLOGY

ELECTIVE - ZL810401 - ENVIRONMENTAL SCIENCE:CONCEPTS AND APPROACHES

2019 Admission Onwards

56822095

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Define weathering.
2. Comment on aquifers.
3. Discuss the role of dissolved oxygen in an aquatic system.
4. What is 'El Nino'?
5. What are rain-bearing systems?
6. What is Aerial photography? Mention its different types?
7. How is wild diversity different from agro diversity?
8. Distinguish between Ex-situ and in-situ conservation.
9. Write a note on biodiversity hotspots in India.
10. Comment on Quarantine of biological invasion.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a short essay on different types of rocks.
12. Write a short essay on the evolution of continents.





13. Explain the environmental impact of variable gases in the atmosphere.
14. Write a short note on the influence of temperature on the moisture content of the air.
15. Mention the importance of people's participation in wildlife conservation.
16. Write an account on wildlife distribution in India.
17. Explain invasion patterns and the process of biological invasion.
18. Differentiate natural enemy hypothesis and novel weapon hypothesis.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain the origin and structure of Earth.
20. Describe Koppen's classification of climate.
21. Explain the land use in agro, urban, coastal, and estuarine ecosystems.
22. Describe the major driving forces of biodiversity loss.

(2×5=10 weightage)

