QP CODE: 25024550

25024550

Reg No : .....

Name : .....

M.Sc DEGREE (CSS) EXAMINATION, APRIL 2025

Fourth Semester

M Sc ZOOLOGY

ELECTIVE - ZL810401 - ENVIRONMENTAL SCIENCE:CONCEPTS AND APPROACHES

2019 ADMISSION ONWARDS

B6E348D8

Time: 3 Hours Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Write the Importance of Cation Exchange
2. Write a short note on orogenesis.
3. Write a short note on the physical characteristics of Atmosphere
4. Mention the difference between weather and climate
5. Name five main climate types on Earth.
6. What is salinization?
7. Write a short note on different types of corridors.
8. Comment on CBD?
9. How does Community reserves help in biodiversity conservation?
10. What is the 'natural enemy hypothesis?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Explain the origin of Earth.
12. Write a short account of the visible and invisible hydrosphere.
13. Explain the influence of various water parameters on aquatic life.
14. Write an account on tropical monsoon climate-onset.
15. Explain the different levels and values of biodiversity.
16. Narrate the differences between sanctuaries and national parks.

17. Explain the EIA of biological invasion.

18. Write a short essay on the sustainable utilization of natural resources.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Explain the origin and structue of Earth.

20. Describe the global pattern of precipitation and the influence of topography on the regional pattern of precipitation.

21. Write an essay on landscape management and its important techniques.

22. Discuss the wildlife values and different aspects of ecotourism.

(2×5=10 weightage)