QP CODE: 21000853

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Reg No : .....

Name : .....

M Sc DEGREE (CSS) EXAMINATION, JULY 2021

Fourth Semester

Faculty of Science

M Sc ZOOLOGY

Elective - ZL810403 - ENVIRONMENTAL MANAGEMENT AND DEVELOPMENT

2019 Admission Onwards

479A8ABD

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

Answer any **eight** questions.

Weight **1** each.

1. Write a brief note on the considerations we should keep in mind in the management of social environment.
2. Comment on Ecolabelling.
3. Write about Ramsar Sites in India.
4. Briefly comment on the management practices for human settlements.
5. What is a Map overlay method? What are its advantages?
6. Define Environment Impact statement.
7. Comment on Risk assessment.
8. What is space imaging LANDSAT?
9. Explain Image classification in Remote Sensing.
10. Give a brief note on the Four pillars of Earth Charter.

(8×1=8 weightage)

Part B (Short Essay/Problems)

Answer any **six** questions.

Weight **2** each.

11. Write a note on the principles underlying regional planning.
12. Comment on input- output modelling.

13. Explain ISO Standards for environmental management system.

14. Define population. Give a short account on the different properties of population.

15. Explain the concept of common property resources and add a note on their management strategies.

16. Briefly explain the concepts and scope of EIA.

17. What is the need of Life Cycle Assessment? How it is applicable in our daily life?

18. Explain Digital cartography and its advantages.

(6×2=12 weightage)

Part C (Essay Type Questions)

Answer any **two** questions.

Weight **5** each.

19. Write an essay on environmental management through Biotechnology.

20. What is coastal Zone Notification 1991? Explain the activities which are prohibited within Coastal Regulation Zone.

21. Discuss about the different types, causes and mitigation measures of flood.

22. Write an essay on the environmental concerns in traditional societies and the relevance of Gandhian environmentalism.

(2×5=10 weightage)