



QP CODE: 25047396

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, NOVEMBER 2025

Third Semester

M Sc ENVIRONMENT SCIENCE AND MANAGEMENT

**Core Course - ES010302 - ENVIRONMENTAL PLANNING AND RESOURCE
MANAGEMENT**

2019 ADMISSION ONWARDS

926C1D14

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Define environmental management.
2. Define wetlands.
3. Interpret the relation between soil and water resources.
4. What is integrated water resource management?
5. Infer the concept of sustainable water resource development.
6. Discuss briefly the management of metals and minerals in India.
7. Discuss Indian Forest Act 1927.
8. Explain habitat restoration and management.
9. What are the guiding principles of EPM?
10. Distinguish between hazard and risk.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Illustrate environmental modelling with the help of a diagram.
12. Support the role of people in ecosystem management with one case study.





13. What are the causes for fresh water resource depletion?
14. Summarize the significance of watershed management in sustainable development.
15. Categorize different types of soil erosion.
16. Categorize major types of soil in Kerala.
17. What are the objectives of environmental planning?
18. Categorize disasters according to their speed.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Discuss in detail about grassland ecosystem management.
20. Discuss Law of the Sea.
21. Examine the role of world water organisations in water resource management.
22. Discuss the status of soil resources, their significance and problems facing.

(2×5=10 weightage)

