



QP CODE: 26019189



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

M Sc GEOLOGY

**ELECTIVE - GL800403 - ENVIRONMENTAL GEOLOGY AND DISASTER
MANAGEMENT**

2019 Admission Onwards

2821E7D0

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. List out various parts of the primary Geosphere.
2. Write down important causes of soil erosion.
3. Types of marine pollution.
4. Nearshore ecosystems.
5. Biogeochemical factors in environmental health.
6. Risk management during Disasters.
7. Write about some recent disasters in Kerala.
8. Differentiate floods and droughts.
9. What is meteorological drought?
10. What is NDMA ?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Discuss the atmosphere as a part of primary geospheres.





12. Explain the major solutions taken against water pollution.
13. Discuss detoxification of polluted ground water.
14. Explain environmental significance of wetlands.
15. Briefly describe environmental impacts of river sand mining and hydroelectric projects.
16. Discuss National Disaster Management ACT 2005 ?
17. Briefly describe types of landslide.
18. Discuss the role of the States and Local self governments in Disaster Management.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Describe industrial waste effluents and their interactions with soil.
20. Describe health hazards due to groundwater pollution.
21. Describe various concepts and methods of Environmental impact assessment.
22. What are Tsuamis? Discuss about the propagation of Tsunami waves in deep and shallow water environment.

(2×5=10 weightage)

