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Name:

Reg.No:

FOURTH SEMESTER INTEGRATED M.Sc. GEOLOGY DEGREE EXAMINATION, APRIL 2026

(CBCSS)

(Regular/Supplementary/Improvement)

CC20GLO4IA13 / CC23GLO4IA13 - NATURAL RESOURCE MANAGEMENT

(Geology)

(2020 Admission onwards)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Explain the need of protecting Natural Resources.
2. What is meant sustainable utilization of natural resources?
3. Factors of economical sustainability.
4. Important criteria for the progress in ecological sustainability.
5. Vacant land.
6. Savannah.
7. Confined and unconfined aquifer.
8. What is rainwater harvesting.
9. Species diversity.
10. Convention on Biological Diversity (CBD).
11. Discuss Forest cover mapping.
12. Methods of Managing forests.
13. Wind as a renewable source of energy.
14. Environmental Impact Assessment.
15. Management of solid waste.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

Answer *all* questions. Each question carries 5 marks.

16. Define Natural Resources with geological significance.

17. Discuss in detail about the classification of Natural Resources on the basis of source of origin.
18. Causes of soil degradation.
19. Compare plankton, Necton and benthos.
20. Forests classification on Administrative basis.
21. Minor forest produce.
22. Explain Participatory resource appraisal with an example.
23. Natural resource management and Vienna Convention.

(Ceiling: 35 Marks)

Part C (Essay questions)

Answer any *two* questions. Each question carries 10 marks.

24. Explain need of a sustainable utility and development and role of society.
25. Classify an estuary based on its geomorphology.
26. Describe Biodiversity conservation strategies.
27. Describe the strategies for conservation of Natural Resources.

(2 × 10 = 20 Marks)
