

23I401

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Name :

Reg. No :

FOURTH SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, APRIL 2025

(CBCSS)

(Regular/Supplementary/Improvement)

CC20 GLO4 IA13 / CC23 GLO4 IA13 - NATURAL RESOURCE MANAGEMENT

(General Course)

(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. Define Natural Resources with geological significance.
2. Explain the need of protecting Natural Resources.
3. What is meant sustainable utilization of natural resources?
4. Factors of economical sustainability.
5. Permanent crop land.
6. Degraded soils.
7. Benthic zone and benthos.
8. What is an estuary?
9. Ethic value.
10. In-situ conservation.
11. Biological Diversity Act, 2002.
12. Mangrove Forests.
13. Ecological footprint.
14. Desertification.
15. Kyoto Protocol.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

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

16. Explain the significance of wetlands and its management.
17. Discuss about the economical sustainability and its factors.

18. Explain Land utilisation. Add a note on Barren land.
19. Causes and control of eutrophication.
20. Discuss the significance of forest in India with reference to the report of FSI.
21. Minor forest produce.
22. Distinguish between Renewable and Non-renewable energy.
23. Benefits and flows of Environmental Impact Assessment (EIA).

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. Why do we have environmental problems? Discuss socio-cultural approaches.
25. Write an essay on rainwater harvesting and artificial recharging.
26. Discuss in detail about the reasons for the depletion of forests and its remedial measures.
27. Describe the strategies for conservation of Natural Resources.

(2 × 10 = 20 Marks)
