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Name:

Reg. No:

FOURTH SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, APRIL 2023

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC20I A14 – 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. Define Natural Resources with suitable examples.
2. Actual Resources.
3. Write a note on sustainable development.
4. What is an environmental sustainable society?
5. Barren land.
6. Cultivable land.
7. Alkaline soils.
8. What is Neritic zone?
9. Conservation of Species diversity.
10. Unprotected Forests.
11. Methods of Managing forests.
12. Geomass.
13. Carbon footprint.
14. Kyoto Protocol.
15. Desertification.

(Ceiling: 25 Marks)

Section B (Paragraph questions)

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

16. Differentiate between Abiotic and biotic Natural Resources.
17. Explain major principle of sustainable society.
18. Horticultural utilization.
19. Discuss major divisions of marine ecosystem.
20. Why biodiversity is significant?
21. Discuss the significance of forest in India with reference to the report of FSI.

22. Major Fields and Areas of GIS/RS Applications.

23. Explain Mines and Minerals (Development and Regulation) Act.

(Ceiling: 35 Marks)

Section C (Essay questions)

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

24. Explain ecological sustainability and ecological approach in the use of natural resources.

25. Write an essay on rainwater harvesting and artificial recharging.

26. Write an essay on causes of Forest depletion.

27. Write an essay on renewable and non-renewable source of energy.

(2 × 10 = 20 Marks)
