

C 3418

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Name.....

Reg. No.....

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, JUNE 2016

(CUCSS)

Applied Geology

GEL 4E03—ENVIRONMENTAL GEOLOGY

(2014 Admissions)

Time : Three Hours

Maximum : 36 Weightage

*Draw diagrams wherever necessary.
Answer all questions.*

Part A

Answer all the questions in two or three sentences each.

1. Sustainable development.
2. Environmental management.
3. Natural hazard.
4. Richter scale.
5. Mine waste.
6. Sanitary landfill.
7. Nuclear implosion.
8. Agricultural drainage.
9. Carbon sink.
10. Soil conservation.
11. Eutrophication.
12. Atmospheric pollution.
13. Mangroves.
14. Oil spill.

(14 × 1 = 14 weightage)

Part B

*Answer any seven questions.
Each not exceeding a paragraph.*

15. Need for conservation of natural resources.
16. Environmental mapping.
17. Causes of landslides.

Turn over

18. Primary effects of earthquakes.
19. Sources of surface water pollution.
20. Secure landfills.
21. Geological aspects of coastal ecosystems.
22. Environmental degradation due to underground mining.
23. Products of volcanic activity.
24. Disaster management.

(7 × 2 = 14 weighta

Part C

Write **two** essays on the following.

25. Describe the different sources of municipal wastes. Add a note on the problems of waste disposal in urban areas.

Or

26. Describe the land based sources of marine pollution.
27. Discuss the significance of Environmental Impact Assessment(EIA) studies.

Or

28. Explain the methods used for controlling ground water pollution.

(2 × 4 = 8 weighta