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Name.....

Reg. No.....

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, JUNE 2016

(CUCSS)

Environmental Science

ES 4E 24—ENVIRONMENTAL DISASTER MANAGEMENT

(2014 Admissions)

Time : Three Hours

Maximum : 36 Weightage

Part I (Short Answers)

Answer all fourteen questions.

1. Define disaster.
2. What is mean by impact prediction ?
3. Distinguish between weather and climate.
4. What is Heat island ?
5. Causes of coastal erosion.
6. Differentiate between el-nino and na-nino.
7. How acid rains are formed ?
8. What is biosphere ?
9. Name the inner planets of the solar system.
10. Write a note on crust of the earth.
11. What is Silviculture ?
12. What are noxious plants ?
13. What is Avalanche ?
14. How is water related to human health ?

(14 × 1 = 14 weightage)

Part II (Short Essays)

Answer any seven of the following.

15. What are the components of environmental impact analysis ?
16. How will you conduct the vehicular pollution assessment ?
17. Briefly describe Global warming.

Turn over

18. Environmental impact and management of Cyclones.
19. Geological time scale.
20. Explain sustainable development.
21. What are the objectives of forest management ?
22. Explain Silviculture system.
23. Comment on eutrophication. What are the mitigation strategies ?
24. Write note on urbanisation stress and health.

(7 × 2 = 14 weight)

Part III (Essay Type)

Answer any **two** questions.

25. Discuss the causes, perception and management of earthquakes.
26. Explain the various forest protection measures.
27. Enumerate the various theories of origin of Earth.
28. Describe briefly the causes, impacts and mitigations of air pollution.

(2 × 4 = 8 weight)