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Name.....11.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, DECEMBER 2014

(CUCSS)

Environmental Science

ES 3E 01—ENVIRONMENTAL IMPACT ANALYSIS (Elective)

Time : Three Hours

Maximum : 36 Weightage

Part A

*Answer all questions.
Each carry 1 weightage.*

1. What is the goal of EIA ?
2. Differentiate between environmental effect and environmental impact.
3. What is impact analysis ?
4. Write note on environmental base map.
5. What is *ad hoc* method ?
6. What is 'action' in EIA ?
7. List out the participants in EIA process.
8. Comment on cost of EIA process
9. Name two predictive methods used in EIA.
10. What is TOR ?
11. What is environmental auditing ?
12. What are the stages of environmental audit ?
13. Comment on Water Act.
14. Define EIS.

(14 × 1 = 14 weightage)

Part B

*Answer any seven questions.
Each carry 2 weightage.*

15. What are the factors affecting EIA ?
16. Matrix and Network method in EIA.
17. Comment on impact significance and impact mitigation.

Turn over

18. EIA of biological environment.
19. Scope of public involvement in EIA.
20. EIA of biological environment.
21. Assessment of impact significance.
22. Environmental clearance procedure in India.
23. Explain Wildlife Act.
24. SWOT analysis.

(7 × 2 = 14 weightage)

Part C

*Answer any two questions.
Each carry 4 weightage .*

25. Describe the methods of assessment of soil and groundwater environment.
26. What is impact prediction ? Briefly describe the predictive methods used.
27. Examine in detail the causes and environmental impact of deforestation.
28. What is environmental auditing ? Describe the types and stages of environmental audit.

(2 × 4 = 8 weightage)