

D 71425

(Pages : 2)

Name.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, DECEMBER 2014

(CUCSS)

Environmental Science

ES 3C 11—ENVIRONMENTAL MANAGEMENT

Time : Three Hours

Maximum : 36 Weightage

Part A*Answer all questions.**Each question carries 1 weightage.*

1. What is edge effect ?
2. What are chappasals ?
3. Define ecotone.
4. What are barrier islands ?
5. Define carrying capacity ?
6. What are teratogene ? Give examples.
7. What is salinisation ?
8. Define carbon foot print.
9. Define fugitive emission.
10. Define hazardous waste.
11. Define opportunity cost.
12. What is effluent fee ?
13. What is IPR ?
14. Define carrying capacity.

(14 × 1 = 14 weightage)

Part B*Answer any seven questions.**Each question carries 2 weightage.*

15. Describe the various threats to fresh water systems.
16. Explain the economic categories of resources.
17. List out the various environmental problems due to urbanisation.
18. Explain the principle of reduce reuse and recycle in waste management.

Turn over

19. Write an account of the Ramsar sites of India.
20. Explain the economics of optimum pollution.
21. Write an essay on clean production options for industries.
22. Describe the role of government in maintaining environmental quality.
23. "Life quality of Kerala is improving without conventional economic growth." Comment on statement.
24. What are the problems in the process of waste management ? How can they be rectified ?
(7 × 2 = 14 weight)

Part C

*Answer any two questions.
Each question carries 4 weightage.*

25. Describe in detail the economic problems of resource depletion and utilization.
26. Describe the impact of deforestation on the quality of life.
27. Differentiate environmental costs and environmental benefits. What are the valuation techniques for the costs and benefits ?
28. Explain the various aspects of sustainable agriculture.
(2 × 4 = 8 weight)