

C3442

(Pages : 2)

Name.....

Reg. No.....

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, JUNE 2016

(CUCSS)

Environmental Science

ES 4E 25—CURRENT ENVIRONMENTAL ISSUES IN INDIA

(2014 Admissions)

Time : Three Hours

Maximum : 36 Weightage

Part I (Short Answers)*Answer all fourteen questions.*

1. Define acid deposition.
2. What is a bioassay ?
3. Define leachate.
4. What is risk assessment ?
5. Define environmental audit.
6. What are chlorinated hydrocarbons ?
7. What are teratogens ?
8. Define water quality criteria.
9. Define aerosol.
10. What is persistence ?
11. Write any *two* the disadvantages of incineration.
12. What is a septic tank ?
13. Define bio-monitoring.
14. What is carrying capacity ?

(14 × 1 = 14 weightage)

Part II (Short Essays)*Answer any seven of the following.*

15. Write the composition of lithosphere.
16. Explain the concept and principles of sustainable development.
17. Describe the salient features of Bishnoi movement.

Turn over

18. What are Ramsar sites ? Explain the environmental importance of wetlands.
19. Describe the environmental effects of coastal erosion.
20. What are the environmental impacts of El-nino ?
21. Write a brief note on UNESCO world heritage sites in India.
22. Describe the characteristics of Urban heat island.
23. Write a note on silent valley movement.

(7 × 2 = 14 weight)

Part III (Essay Type)

Answer any **two** questions.

24. What are the sources of green house gases ? Explain the effects and mitigatory measures of global warming.
25. What are the causes of loss of bio-diversity ? Explain the bio-diversity conservation methods
26. Write an essay on the causes and management of natural hazards in India.
27. What is sustainable development ? Describe the concepts and principles of sustainable agriculture

(2 × 4 = 8 weight)