

C 82390

(Pages : 2)

Name.....

Reg. No.....**25**.....

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, JUNE 2015

(CUCSS)

Environmental Science

ES4 C13—STATE OF ENVIRONMENT IN INDIA

Time : Three Hours

Maximum : 36 Weightage

Part A

Answer all questions.

Each question carries a weightage of 1.

1. What is the wavelength of UV-B ?
2. What are semideserts ?
3. What are veld ?
4. Where are temperate rain forests found ?
5. What is abyssal zone ?
6. What is littoral zone ?
7. Define population size.
8. Define environmental resilience.
9. Define demographic transition.
10. What is humification ?
11. What are windbreaks ?
12. What is organic farming ?
13. What are shanties ?
14. What is carrying capacity ?

(14 × 1 = 14 weightage)

Part B

Answer any seven questions.

Each question carries a weightage of 2.

15. Explain the urban macroclimate of Kerala.
16. What are the negative impacts of loss of mangrove ecosystem ?
17. Describe the various reproductive strategies and survival.
18. What is the influence of standard of living on population growth ?

Turn over

19. Explain the various soil conservation practices with reference to agriculture.
20. What is the potential of solar energy utilization in India ?
21. What are the management options of municipal solid wastes ?
22. What are the various types of natural and man-made hazards ?
23. Describe the types, sources and toxic effects of indoor air pollutants.
24. What are the methods for preservation of medicinal plants ?

(7 × 2 = 14 weightage)

Part C

Answer any two questions.

Each question carries a weightage of 4.

25. Explain the age structure diagrams of (i) rapid growth ; (ii) slow growth ; (iii) zero growth and (iv) negative growth.
26. What are the common natural disasters occurring in India ? Mention the preventive measures
27. Explain the potential of fishery resource in India. Describe the management of Marine Biodiversity
28. Explain the problems of solid waste management in major cities of Kerala.

(2 × 4 = 8 weightage)