FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2020

(CUCSS - PG)

(Regular/Improvement/Supplementary)

CC15P ES4 E25 – CURRENT ENVIRONMENTAL ISSUES IN INDIA

(Environmental Science)

(2015 Admission onwards)

Time: Three Hours　　　　　　　　　　　　　　　　　　Maximum: 36 Weightage

I. Answer *all* questions. Each question carries 1 weightage.

1. What is weather?

2. Expand UNESCO.

3. What is meant by WWF?

4. Comment on Earth Summit.

5. Distinguish between nuclear fission and nuclear fusion.

6. Comment on sustainable development.

7. What is CITIES?

8. Explain acid rain.

9. Write notes on deforestation.

10. Explain different zones of a wildlife sanctuary.

11. Add notes on RET species.

12. Write examples of mangrove forests of India.

13. Mention the animal protected in Silent Valley.

14. Comment on Biosphere reserves of Kerala.

(14 x 1 = 14 Weightage)

II. Answer any *seven* questions. Each question carries 2 weightage.

15. Explain cost-benefit analysis.

16. Write an account on the major environmental problems faced by India.

17. Explain the anthropogenic impacts on biodiversity conservation.

18. Explain the role of people participation in environmental protection.

19. Describe the role of microbes in recovery of energy resources.

20. Explain greenhouse effect and global warming.

21. Comment on natural resources.

22. Write short notes on temperature inversion.

23. Comment on Enso, El-Nino and La Nino.

24. Explain different afforestation methods in India.

(7 x 2 = 14 Weightage)

III. Write an essay on any *two* of the following. Each question carries 4 weightage.

25. Comment on the forest cover in India and explain the different methods of biodiversity conservation.

26. Write an essay on the different international treaties and conventions on environmental protection.

27. Explain different natural hazards.

28. Write an essay on the people's movement in India for environmental protection.

(2 x 4 = 8 Weightage)

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