2023/TDC(CBCS)/ODD/SEM/
EESDSE–503T/399

TDC (CBCS) Odd Semester Exam., 2023

ECOLOGY AND ENVIRONMENTAL SCIENCE

(5th Semester)

Course No. : EESDSE–503T

(Environmental Economics)

Full Marks : 50
Pass Marks : 20

Time : 3 hours

The figures in the margin indicate full marks for the questions

SECTION—A

Answer *ten* questions, selecting any *two* from each Unit : 2×10=20

UNIT—I

1. What is environmental economics?

2. Write about tangible and non-tangible goods.

3. Write the law of demand.

UNIT—II

4. What is social benefit?

5. What do you mean by environmental goods?

6. Mention two measures of economic values in environmental economics.

UNIT—III

7. What is air pollution?

8. What is polluter pay principle?

9. Mention some benefits of environmental programmes.

UNIT—IV

10. What is natural resource economics?

11. Explain Hotelling's rule.

12. Write a brief note on natural resource accounting.

UNIT—V

13. What is environmental audit?

14. What is biofuel?

15. Explain the sustainable development.

SECTION—B

Answer *five* questions, selecting *one* from each Unit : 6×5=30

UNIT—I

16. Elaborate on environmental economics versus traditional economics.

17. Describe briefly the different scopes of environmental economics.

UNIT—II

18. Describe briefly on the Hardin's thesis of *The Tragedy of Commons*.

19. Give an account on main characteristics of environmental goods and also mention the marginal analysis.

UNIT—III

20. Describe the various issues of water pollution due to disposal of toxic and hazardous wastes.

21. Explain the benefits of environmental programmes with relation to marginal social benefits of abatement.

UNIT—IV

22. Elaborate on the impacts of fuels overconsumption on environment and economy.

23. Briefly discuss the action strategies for management of fisheries and forests.

UNIT—V

24. Briefly discuss the environmental risk analysis and its control measures.

25. Explain Kuznets curve and the current energy use patterns in the world.

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