2021/TDC/CBCS/ODD/
EESDSE-503T/399

TDC (CBCS) Odd Semester Exam., 2021
held in March, 2022

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 any *ten* of the following questions : 2×10=20

1. What do you mean by consumer in micro-economics?

2. Mention two reasons for market failure.

3. What is law of demand and supply?

4. What do you mean by social benefit?

5. What is the meaning of environmental values?

6. Define 'The Tragedy of Commons'.

7. What do you mean by social cost of any environmental programmes?

8. Mention the various policies for controlling water pollution in India.

9. What do you mean by environmental subsidies?

10. What is the difference between renewable and non-renewable resources?

11. What do you mean by economics of resources?

12. What is management of natural resources?

13. What is environmental audit?

14. What is Kuznets curve?

15. What do you mean by cost-benefit analysis?

SECTION—B

Answer any *five* of the following questions : 6×5=30

16. Describe briefly the scope and importance of environmental economics. 3+3=6

17. Describe the various aspects of tangible and non-tangible goods. 3+3=6

18. What do you mean by environmental goods? Describe briefly the major characteristics of environmental goods. 2+4=6

19. Explain Pareto principle with few examples. What is the importance of this principle? 4+2=6

20. What are the different types of economic resources? What are the characteristics of economic resources? 2+4=6

21. Describe briefly Hotelling's rule with suitable example. 6

22. How is water an economic resource? What are the two most water-using entities in the world? How does water use affect the environment? 2+2+2=6

23. What do you mean by natural resources accounting? Describe briefly the various methods of accounting natural resources. 2+4=6

24. What is environmental risk analysis? Describe the general procedure for environmental risk analysis. 2+4=6

25. Describe the various methods of cost-benefit analysis. What are the advantages of cost-benefit analysis? 4+2=6

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