

Reg. No

Name

19P4027

M. A. DEGREE END SEMESTER EXAMINATION - MARCH/APRIL 2019

SEMESTER 4 : ECONOMICS

COURSE : 16P4ECOT18EL : ENVIRONMENTAL ECONOMICS

(For Regular - 2017 Admission and Supplementary - 2016 Admission)

Time : Three Hours

Max. Marks: 75

Section A

Answer any 8 (2 marks each)

1. Goals of sustainable development
2. Discuss the entropy law with an example
3. Input-output analysis
4. Tragedy of commons
5. Willingness to pay (WTP) and willingness to accept (WTA)
6. The free rider problem
7. Contingent valuation method
8. Weak complementarity approach
9. Explain the causes of market failure.
10. Objectives of eco-labeling
11. Pigouvian subsidy
12. Sin tax

(2 x 8 = 16)

Section B

Answer any 7 (5 marks each)

13. What inputs does the economic activity take from the environment?
14. Distinguish between Kuznets hypothesis and Kuznets environmental hypothesis.
15. Briefly explain environmental quality as a public good.
16. Explain externality. How do externalities cause market inefficiency?
17. Show how competitive equilibrium results in Pareto-optimality in the context of efficiency in production.
18. What is green accounting? What are its objectives?
19. Discuss the integration of environmental accounts into the system of national accounts
20. Analyse the steps involved in social cost benefit analysis
21. Explain briefly the marketable pollution permits
22. Explain the role of Pigouvian tax in treating environment externalities

(5 x 7 = 35)

Section C

Answer any 2 (12 marks each)

23. Discuss the inter relationship between economy and environment
24. Explain Olson's theory of collective action.
25. Critically evaluate hedonic price method in environmental valuation
26. Discuss the significance of Coase theorem.

(12 x 2 = 24)