

TM243599Q

26.11

Reg. No :

Name :

MASTER'S DEGREE (C.S.S) EXAMINATION, NOVEMBER 2024

2023 ADMISSIONS REGULAR

SEMESTER III - CORE COURSE ECONOMICS

EC3C14TM20 - Environment Economics

Time : 3 Hours

Maximum Weight : 30

Part A

I. Answer any Eight questions. Each question carries 1 weight

(8x1=8)

1. What is Natural Resource Economics?
2. What is protection?
3. Write a note on open access resource.
4. Describe the term market failure.
5. What is environmental valuation?
6. What is meant by environmental impact assessment?
7. Define Sustainable Development as per the Brundtland Commission report.
8. What is Green GNP?
9. Briefly explain Montreal Protocol.
10. Write a short note on the Carbon tax.

Part B

II. Answer any Six questions. Each question carries 2 weight

(6x2=12)

11. Comment on the impact of Natural Resource Economics.
12. Elaborate on Simon Julian's thesis of Ultimate Resource.
13. How can externality problem be internalized according to Pigou?
14. What is efficiency? Illustrate pareto frontier and efficiency using graph.
15. 'LCA acts as an environmental management tool'-Elaborate.
16. Comment on the divergence of values with regard to WTP and WTA.
17. Discuss Pearce-Atkinson Measure of Weak Sustainability.
18. Briefly explain the role of subsidies in environmental protection.

Part C

III. Answer any Two questions. Each question carries 5 weight

(2x5=10)

19. Discuss the relevance of the laws of thermodynamics in the study of the environment.
20. Elucidate the problem of externality with respect to environmental resource. What solutions are provided by Coase and Pigou.
21. Elucidate Pearce-Atkinson Measure, Daly-Cobb's Index and Common-Perring's Model of Sustainable Development.
22. Explain the significance of the Pigouvian tax.