TM2535605

Reg. No : 31/10/25

Name :

MASTER'S DEGREE (C.S.S) EXAMINATION, OCTOBER 2025

2024 ADMISSIONS REGULAR

SEMESTER III - CORE COURSE

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 are the main ideas of Gifford Pinchot?
2. What is Environmental Economics?
3. What are tradeable permits?
4. Is air pollution non-excludable?
5. Define Revealed Preference Method of environmental valuation.
6. What are tradable pollution permits?
7. Give an account of strong sustainability.
8. Write a note on weak sustainability.
9. Write a short note on Rio Conference.
10. Differentiate between inter-generational and intra-generational equity principles.

Part B

II. Answer any Six questions. Each question carries 2 weight (6x2=12)

11. Bring out the major ideas presented in the 'Skeptical Environmentalist'.
12. Compare and contrast environmental economics and ecological economics.
13. What is efficiency? Illustrate pareto frontier and efficiency using graph.
14. What is Ostrom's solution to the management of CPRs?
15. Elaborate on the different concepts of values associated with the environment.
16. Explain the production function method of environment valuation.
17. Discuss Pearce-Atkinson Measure of Weak Sustainability.
18. Write a short note on Ecological Footprint Analysis.

Part C

III. Answer any Two questions. Each question carries 5 weight (2x5=10)

19. Critically analyse the Environmental Kuznets Curve Hypothesis.
20. How can pollution be controlled? Which are the different Market- based instruments of pollution control?
21. Discuss different theoretical approaches related to sustainable development.
22. Briefly explain the features of various international conferences for the protection of the environment.