

TM243856P

Reg. No : .....

Name : .....

MASTER'S DEGREE (C.S.S) EXAMINATION, FEBRUARY 2024  
2022 ADMISSIONS SUPPLEMENTARY (SAY)  
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. Differentiate between strong and weak notions of sustainability.
2. What is Ecological Economics?
3. Is air pollution non-excludable?
4. Comment on the term sustainability.
5. What is Life Cycle Assessment?
6. Define Revealed Preference Method of environmental valuation.
7. What is Green GNP?
8. Explain Hartwick-Solow rule.
9. Briefly explain the significance of charges in controlling pollution.
10. Write a short note on the Carbon tax.



**Part B**

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

**(6x2=12)**

11. Discuss the scope of Environmental Economics.
12. Bring out the major ideas presented in the 'Skeptical Environmentalist'.
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. Discuss the Dose-Response method of environmental valuation.
17. Write a note on Daly's Co-operational Principles.
18. Describe the provisions in the TRIPS agreement related to the environment.

**Part C**

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

**(2x5=10)**

19. Explain the inter-linkages between economy and environment with the aid of the 'Material Balance Model'.
20. How can pollution be controlled? Which are the different Market- based instruments of pollution control?
21. What is sustainable development? Elucidate different indicators of sustainability.
22. Explain the significance of the Pigouvian tax.