

Reg. No .....

Name .....

23P4026

**M. A. DEGREE END SEMESTER EXAMINATION : MARCH 2023**

**SEMESTER 4 : ECONOMICS**

**COURSE : 21P4ECOT17EL : ENVIRONMENTAL ECONOMICS**

*(For Regular - 2021 Admission)*

Duration : Three Hours

Max. Weights: 30

**PART A**

**Answer any 8 questions**

**Weight: 1**

1. Define polluter pay principle. (R, CO 4)
  2. Define pareto optimality. (R, CO 1)
  3. Measurement of sustainable development (A, CO 2)
  4. Discuss Common pool resources with examples (U, CO 1)
  5. The behavioural linkage approach. (U)
  6. Write a brief note on Coase Theorem. (R)
  7. What is meant by green GNP? (U, CO 3)
  8. Sources of market failure (U, CO 1)
  9. Bequest value (U, CO 3)
  10. Environmental sustainability (U, CO 2)
- (1 x 8 = 8)**

**PART B**

**Answer any 6 questions**

**Weights: 2**

11. Discuss salient features of System of Environmental-Economic Accounting (SEEA) (E, CO 3)
  12. Distinguish between taxable permits and tradable permits. (A, CO 4)
  13. Explain externality. How do externalities cause market inefficiency? (E, CO 1)
  14. Why is sustainable development dependent on environmental sustainability? (E, CO 2)
  15. Analyse the limitations of the coase theorem. (An, CO 1)
  16. Analyse the rationale for regulation of environmental pollution. (An)
  17. Explicate the hedonic property prices method of environmental valuation. (A)
  18. Discuss production function based approach to environmental valuation (An, CO 3)
- (2 x 6 = 12)**

**PART C**

**Answer any 2 questions**

**Weights: 5**

19. Evaluate how space, time, and imperfect competition complicate using incentives to control pollution. (E)
  20. Evaluate the revealed preference approach in environmental valuation (E, CO 3)
  21. Explain externality. How do externalities cause market inefficiency? Discuss. (E, CO 1)
  22. Discuss the inter relationship between economy and environment (E, CO 2)
- (5 x 2 = 10)**

OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Wt.
CO 1	To understand the basics of environmental economics and to analyse the linkage between economics and environment.	An	2, 4, 8, 13, 15, 21	12
CO 2	To Examine theoretical understanding of the foundations of environmental economics.	An	3, 10, 14, 22	9
CO 3	To understand and analyse the mathematical valuation of environmental values and various pricing methods to assess its impact.	E	7, 9, 11, 18, 20	11
CO 4	To identify, evaluate and scrutinise the environmental policies and to analyse the recent trends.	E	1, 12	3

Cognitive Level (CL): Cr - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;