Reg. No ..... Name **26P434-S**

M. A. DEGREE END SEMESTER EXAMINATION- MARCH 2026

SEMESTER 4 : ECONOMICS

COURSE : **21P4ECOT17EL : ENVIRONMENTAL ECONOMICS**

(For Supplementary 2023/ 2022/2021 Admissions)

Time : Three Hours Max. Weights: 30

PART A

Answer any 8 questions **Weight: 1**

1.	The Environmental Kuznets curve Hypothesis	(U, CO 2)
2.	Define eco-labelling.	(U, CO 4)
3.	Pareto efficiency condition for production	(E, CO 1)
4.	Define green accounting.	(U, CO 3)
5.	Write a brief note on polluter pay principle.	(R, CO 4)
6.	What is meant by property rights?	(U, CO 1)
7.	Benefits of transfer method of environmental valuation.	(U)
8.	Measurement of sustainable development	(A, CO 2)
9.	Market failure	(U, CO 1)
10.	What is Environmental Accounting?	(A, CO 3)

(1 x 8 = 8)

PART B

Answer any 6 questions **Weights: 2**

11.	Analyse the applications of hedonic price method.	(An)
12.	Discuss the need for an environment policy	(An, CO 4)
13.	Show how competitive equilibrium results in Pareto-optimality in the context of efficiency in production.	(E, CO 1)
14.	Briefly explain enviromental quality as a public good.	(An, CO 1)
15.	Discuss externalities with suitable examples	(A, CO 3)
16.	Discuss the steps and usefulness of EIA.	(An, CO 3)
17.	Differentiate between environmental economics and traditional economics	(E, CO 2)
18.	Briefly explain the Coase theorem	(An, CO 4)

(2 x 6 = 12)

PART C

Answer any 2 questions **Weights: 5**

19.	Explain Olson's theory of collective action.	(E, CO 1)
20.	Discuss the instruments and institutions for pollution abatement in India	(An, CO 4)
21.	Critically evaluate the need for the environmental cost benefit analysis.	(An, CO 3)
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	3, 6, 9, 13, 14, 19	12
CO 2	To Examine theoretical understanding of the foundations of environmental economics.	An	1, 8, 17, 22	9
CO 3	To understand and analyse the mathematical valuation of environmental values and various pricing methods to assess its impact.	E	4, 10, 15, 16, 21	11
CO 4	To identify, evaluate and scrutinise the environmental policies and to analyse the recent trends.	E	2, 5, 12, 18, 20	11

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