

QP CODE
H2112

Enrollment Number:

Name:

M.A. DEGREE EXAMINATIONS, MARCH 2026
Third Semester
M.A. Economics
M23EC04DE – Environmental Economics
(2024 July admissions)

Time: 3 Hours

Max Marks: 70

Section A

Answer any ten of the following questions in a word or sentence each. Each question carries 1 mark.

1. Define Environmental Economics.
2. What is meant by irreversibility?
3. Define 'spillover costs'.
4. What is an externality?
5. Define Green GNP.
6. What are exhaustible resources?
7. What does SDG stand for?
8. Define 'Use Value' in the context of environmental valuation.
9. State one limitation of Cost-Benefit Analysis.
10. What is the Hedonic property value method?
11. Define a Pigouvian fee.
12. What are tradable pollution permits?
13. State one Public Policy measure to address Pollution.
14. What is the primary cause of Ozone layer depletion?
15. Name one Stated Preference Method.

(1X10=10)

Section B

Answer any five of the following questions in two or three sentences each. Each question carries 2 marks.

16. Distinguish between 'Environmental Economics' and 'Ecological Economics'.
17. Discuss the components of the EIA process in India.
18. What are 'Collectively consumed goods'?
19. Briefly discuss the causes of 'Bio-diversity Loss'.

20. What is meant by Environmentally Adjusted National Product (ENP)?
21. Briefly describe the 'Household health production function'.
22. What is Cost-Benefit Analysis (CBA) in environmental economics?
23. Explain the purpose of emission taxes.
24. Mention two challenges in environmental assessment in the Indian context.
25. Discuss the relevance of the 'World Summit on Sustainable Development'?

(2X5=10)

Section C

Answer any five of the following questions in a paragraph each. Each question carries 4 marks.

26. Explain the characteristics of Property Rights.
27. Critically assess the Environmental Regulations in India.
28. Discuss the significance of Environmental Accounting.
29. Write a note on Solid Waste Management.
30. Discuss the different dimensions of Sustainability.
31. Explain the Travel Cost Method for environmental valuation.
32. Write a note on Renewable Resources.
33. Outline the role of Emission Standards in environmental protection.

(4X5=20)

Section D

Answer any three of the following questions in two pages each. Each question carries 10 marks.

34. Critically analyse the Material Balance Approach and its relevance to the economy-environment interaction.
35. Discuss the positive and normative analysis of climate change as a global environmental issue.
36. Elaborate on the theories of optimal use of exhaustible and renewable resources.
37. Explain the concept of 'Total Economic Value'. Detailed the differences between Use Value, Option Value, and Non-use Values.
38. Describe the Contingent Valuation Method. How is it used to value non-market environmental goods?
39. Evaluate the different methods of environmental protection, focusing on the efficiency of Pigouvian fees versus Tradable Pollution Permits.

(10X3=30)