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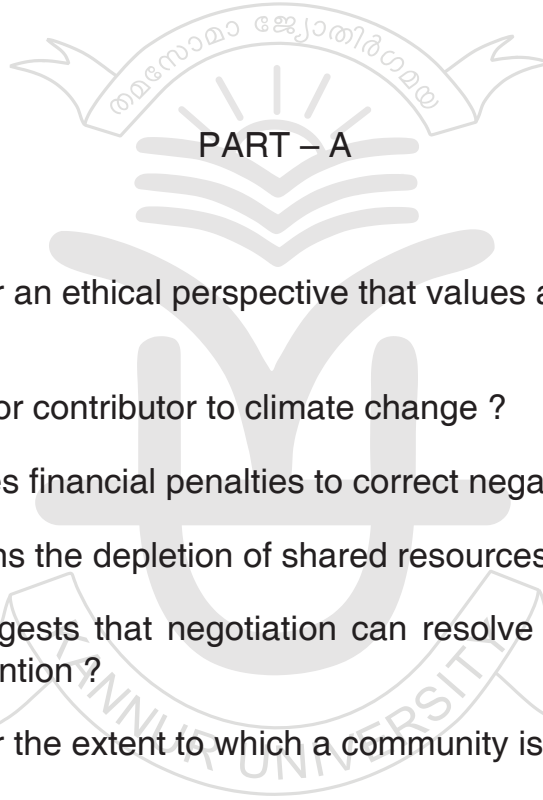
Name : .....

**IV Semester B.A. Degree (C.B.C.S.S.-OBE – Regular/Supplementary/  
Improvement) Examination, April 2025  
(2019 to 2023 Admissions)**

**CORE COURSE IN ECONOMICS/DEVELOPMENT ECONOMICS  
4B06ECO/DEVECO : Environmental Economics**

Time : 3 Hours

Max. Marks : 40



Answer **all** questions.

1. What is the term for an ethical perspective that values all living beings equally ?
2. Which gas is a major contributor to climate change ?
3. What policy imposes financial penalties to correct negative externalities ?
4. What theory explains the depletion of shared resources due to self-interest ?
5. What principle suggests that negotiation can resolve externalities without government intervention ?
6. What is the term for the extent to which a community is affected by a disaster ?

**(6×1=6)**

**PART – B**

Answer **any 6** questions.

7. Explain the Material Balance Model in simple terms.
8. Define renewable resources.
9. Mention two major causes of food resource depletion.

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10. How does a Pigouvian tax help in reducing externalities ?
11. Define public goods and give two examples.
12. What are emission standards ?
13. What is the greenhouse effect, and how does it contribute to global warming ?
14. What are the main types of natural disasters ? (6×2=12)

PART – C

Answer **any 4** questions.

15. Analyse the role of the laws of thermodynamics in environmental economics.
16. Explain the concept of resource taxonomy and its significance in natural resource management.
17. Describe the tragedy of the Commons provide an example.
18. What is the free rider problem, and why does it make public goods hard to provide ?
19. What are the major threats to biodiversity, and how can we protect it ?
20. Define hazard, risk and vulnerability in the context of disaster management. (4×3=12)

PART – D

Answer **any two** questions.

21. Compare the Bio-centric and anthropocentric approaches to environmental ethics. Which is more relevant in today's world ?
  22. What is meant by sustainability ? Compare and contrast different approaches to sustainability.
  23. Evaluate the Coase theorem as a solution to externalities. What are its limitations ?
  24. Analyse the role of environmental awareness movements in India, with a focus on the Silent Valley and Narmada Bachao movements. (2×5=10)
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