



Reg. No. :

Name :

**Third Sem. M.A./M.Sc./M.Com. Degree (Reg./Sup./Imp.) Examination,
November 2015
Economics/App. Economics/Dev. Eco. (2014 Admn.)
ECO 3C12 : ENVIRONMENTAL ECONOMICS**

Time : 3 Hours

Max. Weightage : 60

PART - A

Answer **all** questions (**Each** question carries **half** mark) :

1. The name associated with the theory of "Tragedy of Commons" is

a) Daly	b) Robert M Solow
c) Garret Hardin	d) Amartya Sen
2. An example of renewable energy resource is

a) Coal	b) Solar	c) Petrol	d) None of these
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3. Which of the following is NOT a basic feature of an environmental good

a) Affordability	b) Uncertainty	c) Irreversibility	d) Uniqueness
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4. Which is a source of CO₂ emission among the following

a) Refrigeration	b) Fossil combustion
c) Microwave oven	d) Air conditioner
5. The negotiations for Kyoto protocol were completed in the year

a) 1997	b) 2007	c) 1987	d) 1977
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6. The Safe Minimum Standard approach was first proposed by
- a) Garret Hardin b) AC Pigou
- c) Edwin Mill d) Ciriacy Wantrup
7. The first layer above the surface of earth is
- a) Stratosphere b) Troposphere
- c) Exosphere d) Thermosphere
8. Pigovian tax is an example of
- a) Pollution tax b) Carbon tax
- c) Both a) and b) d) None of these (8×½=4)

PART – B (Very short answers)

Answer **any eight** questions. (Each question carries 2 marks. No answer should exceed **one** page).

9. Define Biodiversity.
10. What is Carbon Tax ?
11. What is Climate Change ?
12. Rain water harvesting.
13. Montreal Protocol.
14. Renewable and non renewable resources.
15. Explain the basic idea of material balance model.
16. What is Environmental Economics ?
17. Command and Control method of abatement of environmental externality.
18. What are the important Green House Gases ?
19. Ozone depletion. (8×2=16)



PART – C (Short answers)

Answer **any four** questions. (Each question carries 5 marks. No answer should exceed **two and half** pages).

20. Explain the instrument of Tradable Pollution Permits.
21. How the economy and environment are interlinked ?
22. Analyse the impacts of global warming.
23. What are the important characteristics of Common Property Resources (CPRs) ?
24. Subsidies as an economic instrument. Comment.
25. Examine the use of the principle of Cost Benefit Analysis in environmental policy decisions.

(4×5=20)

PART – D (Essay)

Answer **any two** questions. (Each question carries 10 marks. No answer should exceed **six** pages).

26. What is sustainable development ? What are the indicators of sustainable development ?
27. Critically examine the different economic instruments for the abatement of environmental externalities.
28. What are the important stages of Environmental Impact Assessment (EIA) ?
29. Highlight the impacts of climate change on agriculture and food security.

(2×10=20)