M.A. DEGREE EXAMINATION NOVEMBER 2007
BRANCH III – ECONOMICS
THIRD SEMESTER

COURSE   : CORE
PAPER   : ENVIRONMENTAL ECONOMICS
TIME   : 3 HOURS   **MAX.MARKS : 100**

SECTION – A

ANSWER ANY FIVE QUESTIONS. EACH ANSWER NOT TO EXCEED 300 WORDS.   **(5 X 8 = 40)**

1.   Examine the scope of environmental economics

2.   Bring out the significance of Environmental Kuznet's curve.

3.   Write a note on Tragedy of Commons.

4.   The choice between tax and permit depends on the relative steepness of the marginal benefit and marginal cost curves of pollution control – Explain

5.   Explain Hotelling's rule for the extraction of non renewable resources.

6.   Examine the significance of Solow – Hartwick's rule for sustainable development How is it different from the ecological approach to sustainability.

7.   The failure to account for natural resource depletion and degradation that occur in the process of income generation, makes national income "a false beacon and can draw those who steer by it on to the rocks" (Robert Repetto) Explain

SECTION – B

ANSWER ANY THREE QUESTIONS. EACH ANSWER NOT TO EXCEED 1200 WORDS.   **(3 X 20 = 60)**

8.   Environmental problems can not be solved unless "we recognize them as economic problems and understand them in economic sense" - Elucidate.

9.   Define sustainable development. What are the various indicators of sustainable development

10.   Compare Pigouvian solution to the problem of pollution with that of Coasean solution.

11.   Is Optimum Sustainable Yield of a renewable resource the same as Maximum Sustainable Yield. Explain.

12.   Explain the use of Contingent Valuation Method to assess benefits from a proposed eco park.

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