M.Sc. Examination, 2018
Semester-III
Environmental Science
Course : MEC-35
(Environmental Economics and Sustainable Development)

Time : 3 Hours **Full Marks : 40**

Questions are of value as indicated in the margin

Answer question No. **1** and **any four** from the rest.

1. Write short notes on **any four** of the following. 2×4=8
   a) Sustainable development
   b) Coase theorem
   c) Product life extension model
   d) Demand curve for public good
   e) Cost-Benefit analysis
   f) Material balance model
2. Define social welfare function. Analyse the concept of Pareto optimum of environmental allocation. 2+6=8
3. Explain Leontief's abatement model. What are its limitation? 6+2=8
4. Discuss the nature and scope of environmental economics. 4+4=8
5. Briefly describe the pollution control model. What are the suggested methods for the control of the activities in the economy for improving the quality of the environment? 6+2=8
6. What is 'Recycling'? What are the benefits of 'Recycling'? Illustrate the concept of optimum recycling model. 1+1+6=8
7. What is economics of externality? Briefly describe the efficiency of a monopoly market with pollution. 2+6=8

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