

**B.A. (Honours) Examination, 2018**

**Semester-V**

**Economics**

**Course: H-9 (Core)**

**(Environmental Economics)**

**Time: Three Hours**

**Full Marks: 40**

Questions are of value as indicated in the margin  
Answer *any four* questions

1. Explain how the economy and the natural environment are linked to each other. How the laws of thermodynamics govern this interrelationship? 6+4
  2. Is environmental problem is an externality problem? Explain how pigouvian tax works to correct the efficiency loss created by the production externality. 3+7
  3. Discuss “The tragedy of the commons” with a suitable example. Is it possible to get efficient allocation for common property resources? Explain. 4+6
  4. Discuss the general characteristics of the natural growth function of fishery population. 10
  5. What is Maximum Sustainable Yield (MSY) in a fishery economics? Is it an economic equilibrium? Examine the rate of fishing effort in this context. 4+2+4
  6. What are the characteristics of non-renewable resources? How do they differ from those of the renewable resources? Do you think that exhaustion of a particular non-renewable resource is just an event and not a catastrophe? Discuss. 2+3+5
  7. Justify public intervention for environmental regulation. Mention some of the legal approaches to deter abuse of the environment. Critically examine the efficacy of the liability laws in this context. 3+2+5
  8. What are the causes of global atmospheric pollution? What steps have been taken by the nations to address this problem? Discuss. 5+5
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