

Exam Date & Time: 29-Sep-2020 (02:00 PM - 05:45 PM)



## PSG COLLEGE OF ARTS AND SCIENCE

Note: Writing 3hrs: Checking & Inserting Image : 30mins

MA DEGREE EXAMINATION MAY 2020  
(Fourth Semester)

Branch - ECONOMICS

**ENVIRONMENTAL ECONOMICS [19ECP18]**

Marks: 75

Duration: 210 mins.

### SECTION - A

Answer all the questions.

- 1) Environmental economics deals with
  - (i) Conservation of environment and economic development
  - (ii) Conservation of environmental
  - (iii) Economic development
  - (iv) None of these

(1)
  
- 2) The environmental Kuznets curve is a hypothesized relationship between
  - (i) Environmental quality and economic development
  - (ii) Environmental quality and human health
  - (iii) Environmental quality and resource use
  - (iv) Environmental quality and pollution

(1)
  
- 3) At the current rate of population growth, the world population will double in the next
  - (i) 25 years
  - (ii) 50 years
  - (iii) 75 years
  - (iv) 100 years

(1)
  
- 4) Social welfare function is assumed
  - (i) Theoretically
  - (ii) Hypothetically
  - (iii) Empirically
  - (iv) Axiomatically

(1)
  
- 5) The phrase "The Tragedy of the commons' is associated with
  - (i) Smith
  - (ii) G. Hardin
  - (iii) Pigou
  - (iv) Robinson

(1)
  
- 6) Emission tax was suggested by
  - (i) Marshal
  - (ii) Walras
  - (iii) Pigou
  - (iv) Malthus

(1)

- 7) Coase suggests dealing with externalities by creating a market for  
 (i) Income rights  
 (ii) Decision rights  
 (iii) Co-ordination  
 (iv) Externalities (1)
- 8) Which of the following is not a possible problem regarding property rights?  
 (i) Allocation  
 (ii) Surplus  
 (iii) Enforcement  
 (iv) Tradability (1)
- 9) Which one of the following is not a component of environmental management?  
 (i) National environmental agency  
 (ii) Implementing  
 (iii) Assisting agency  
 (iv) Monitoring and enforcing agency (1)
- 10) The travel cost method was first suggested by  
 (i) Ricardo  
 (ii) Arrow  
 (iii) J. B. Say  
 (iv) H. Hotelling (1)

### SECTION - B

Answer all the questions.

- 11) Justify the scope of environmental economics. (5)
- a)  
 [OR] State the inter linkage of economics, environment and ecology. (5)  
 b)
- 12) Sketch the measures to control land use. (5)
- a)  
 [OR] Discuss the impact of urbanization on environment. (5)  
 b)
- 13) Illustrate the Tragedy of commons. (5)
- a)  
 [OR] Sketch the features of common property resources. (5)  
 b)
- 14) State fees Vs subsidies. (5)
- a)  
 [OR] Show the instruments of environmental regulation. (5)  
 b)

- 15) State the contingent valuation method. (5)
- a)
- [OR] Evaluate the components of environmental management. (5)
- b)

**SECTION - C**

Answer all the questions.

- 16) Elucidate the economics of resource use. (8)
- a)
- [OR] Enumerate the environmental Kuznets curve. (8)
- b)
- 17) Analyse the Pareto criterion. (8)
- a)
- [OR] Assess the social welfare function. (8)
- b)
- 18) Elucidate market failure and externalities. (8)
- a)
- [OR] Invent the problem of second best.. (8)
- b)
- 19) Analyse the coase theorem. (8)
- a)
- [OR] Justify the green national accounting. (8)
- b)
- 20) Construct the cost benefit analysis. (8)
- a)
- [OR] Survey the environmental issues in developed and developing countries. (8)
- b)

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