

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)

MA DEGREE EXAMINATION MAY 2023  
(Fourth Semester)

Branch – ECONOMICS

ENVIRONMENTAL ECONOMICS

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(5 x 1 = 5)

- 1 Environmental Economics deals with
  - (i) Conservation of environment and economic development
  - (ii) Conservation of environment
  - (iii) Economic development
  - (iv) None of these
- 2 Deforestation generally decreases
  - (i) Drought
  - (ii) Rainfall
  - (iii) Soil erosion
  - (iv) None of these
- 3 Which market condition is necessary to achieve pareto's efficiency of optimum welfare?
  - (i) Perfect competition
  - (ii) Monopoly
  - (iii) Oligopoly
  - (iv) Duopoly
- 4 The polluter pay principle was formally expressed and accepted in the year \_\_\_\_\_.
  - (i) 1969
  - (ii) 1970
  - (iii) 1971
  - (iv) 1972
- 5 Options value, existence value and bequest value are best value using \_\_\_\_\_.
  - (i) Relocation cost method
  - (ii) Replacement cost method
  - (iii) Contingent valuation method.
  - (iv) Travel Cost method

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks

(5 x 3 = 15)

- 6 (a) State the interlinkages between environment and ecology.  
OR  
(b) Show the Dimensions of environmental economics.
- 7 (a) Explain the forest and environmental quality.  
OR  
(b) State the impact of urbanisation.
- 8 (a) Determine the features of common property resources.  
OR  
(b) Illustrate the pecuniary and non-pecuniary externality.
- 9 (a) Produce the pigovian fees.  
OR  
(b) Justify the green national accounting.
- 10 (a) Show the hedonic pricing method.  
OR  
(b) Sketch out the components of EIA system.

Cont...

**SECTION -C (30 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 (a) Analyse the theories of Natural Resource Use.  
OR  
(b) Appraise the Environmental Kuznets Curve.
- 12 (a) Enumerate the impact of population on environmental quality.  
OR  
(b) Construct the social welfare function.
- 13 (a) Evaluate the tragedy of commons.  
OR  
(b) Assess the problem of second best.
- 14 (a) Analyse the coase theorem.  
OR  
(b) Elucidate the Fees versus Subsidies.
- 15 (a) Construct the cost-benefit analysis.  
OR  
(b) Enumerate the environmental issues in developed and developing countries.

Z-Z-Z

END