

**STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 86**  
**(For Candidates admitted during the academic year 2004 – 2005 & thereafter)**

**SUBJECT CODE: EC/MC/EE54**

**B.A. DEGREE EXAMINATION NOVEMBER 2009**  
**BRANCH IV – ECONOMICS**  
**FIFTH SEMESTER**

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

**SECTION – A**

**ANSWER ALL QUESTIONS. EACH ANSWER NOT TO EXCEED 50 WORDS.**  
**(10 X 3 = 30)**

- 1) What do you mean by 'Biosphere'?
- 2) Give examples for positive and negative externalities.
- 3) State the four types of property rights.
- 4) Distinguish between reserve and resource.
- 5) Explain the ways of achieving waste reduction.
- 6) What are the three basic components of sustainable development?
- 7) What is moral suasion in pollution control?
- 8) What are residual charges?
- 9) What is opportunity cost?
- 10) What are real and pecuniary welfare damages?

**SECTION-B**

**ANSWER ANY FIVE QUESTIONS.EACH ANSWER NOT TO EXCEED 300 WORDS:**  
**(5X6=30)**

- 11) Illustrate the multidimensional character of Environmental Economics.
- 12) Elucidate the characteristic features of common property resources?
- 13) Explain the hotelling rule for exploitation of a non-renewable resource.
- 14) Explain the rules of sustainable development.
- 15) What are pollution permits?
- 16) Write short notes on any 3 of the following
  - a) Market prices
  - b) Shadow prices
  - c) Standard values
  - d) Political prices
- 17) Explain the travel cost model of valuing environmental benefits.

**SECTION-C**

**ANSWER ANY TWO QUESTIONS EACH. ANSWER NOT TO EXCEED 1200 WORDS: (2 X 20 = 40)**

- 18) Discuss environmental quality as a public good.
- 19) Examine the various methods of conservation of resources.
- 20) Illustrate how effluent charge will reduce the level of pollution?
- 21) Explain the application of cost-benefit analysis to solve the problem of environmental pollution.

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