

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 86
(For candidates admitted from the academic year 2011 – 2012)

SUBJECT CODE: 11EC/MC/EE44

B. A. DEGREE EXAMINATION, APRIL 2013
BRANCH IV - ECONOMICS
FOURTH 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 2= 20)

1. What are the functions of the environment?
2. List the factors that limit economic growth.
3. Define a public good.
4. What is an externality?
5. Classify natural resources.
6. State Hotelling's rule.
7. Define Sustainable Development.
8. Give the components of economic value of environmental resources.
9. State the polluter pays principle.
10. What are refundable deposits?

SECTION – B

ANSWER ANY FIVE QUESTIONS. EACH ANSWER NOT TO EXCEED 300 WORDS.
(5 X 8 = 40)

11. Explain environment – economics inter-linkages using the Material Balance Approach.
12. State and explain Coase's Theorem.
13. Explain the rule for optimum extraction of exhaustible resources.
14. Explain Safe Minimum Approach to Sustainable Development.
15. How is Travel Cost Method used to evaluate benefits of environmental programme.
16. Illustrate and explain the concept of optimum pollution.
17. Write a note on Command and Control measure to control pollution.

SECTION – C

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

18. Explain how optimum harvesting of fishing is considered.
19. Compare the neo classical and ecological approaches to Sustainable Development.
20. Explain Contingent Valuation Method to assess benefits of environmental programme using a case study.
21. Identify any environmental issue of your neighbourhood area and suggest suitable measures to solve it.
