

**STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 86
(For Candidates admitted during the academic year 2008 – 2009)**

SUBJECT CODE: EC/MC/EE34

**B.A. DEGREE EXAMINATION NOVEMBER 2009
BRANCH IV – ECONOMICS
THIRD 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 constitutes the 'Environment'?
2. What is meant by market failure?
3. What is meant by 'Tragedy of Commons'?
4. What is resource?
5. Biological Resources are characterized as renewable but destructive – clarify
6. Name any six Indicators of sustainable development?
7. What is implied by weak sustainability rule?
8. What is meant by optimum pollution?
9. What is abatement cost?
10. What is user value and non-user value in the evaluation of environmental benefits?

SECTION-B

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

11. Explain 'Material Balance Model' with an illustration?
12. Discuss property rights as an approach to pollution problem?
13. Explain the Hotelling rule for exploitation of a non-renewable resource?
14. List the principles of sustainable development given by Herman Daly.
15. Environmental quality is a public good- Discuss.
16. Examine the Coase Theorem as a solution to pollution problem.
17. Give a short description of the contingent valuation method.

SECTION -C

ANSWER ANY TWO QUESTIONS. EACH ANSWER NOT TO EXCEED 1200 WORDS :- (2x20=40)

18. Discuss the significance of Environmental Economics.
19. Discuss the historical approach to natural resource scarcity
20. Compare effluent tax with subsidies as method of pollution control
21. Make a critical study of the methods of environmental valuation.
