

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 86
(For candidates admitted from the academic year 2015 – 2016)

SUBJECT CODE: 19EC/MC/EE34

B.A. DEGREE EXAMINATION, NOVEMBER 2021
BRANCH IV - ECONOMICS

COURSE: MAJOR CORE
PAPER: ENVIRONMENTAL ECONOMICS
TIME: 3 HOURS

MAX. MARKS: 100

SECTION – A

(10 x 2 = 20)

ANSWER ANY 10 OUT OF 12 QUESTIONS. (50 WORDS EACH)

1. Define Environmental Economics.
2. State the functions of Environment.
3. Define sustainable development.
4. Distinguish between renewable and non-renewable resources.
5. What is the meaning of Externality?
6. Give an example of tragedy of commons.
7. What is total economic value?
8. Explain carbon footprint.
9. Define Pollution.
10. Write down the economic instruments of pollution regulation.
11. What are Property Rights?
12. Distinguish between Travel cost model and hedonic pricing method.

SECTION – B

(5 x 8 = 40)

ANSWER ANY 5 OUT OF 8 QUESTIONS. (400 WORDS EACH)

13. How is natural resources classified?
14. Explain environmental resource as a public good.
15. What is environmental Kuznet Curve?
16. How is scarcity measured in environmental economics?
17. Describe the neoclassical perspective on environmental economics.
18. Explain Hotelling Rule for nonrenewable resources.
19. Explain optimal level of pollution.
20. Describe economics of sustainable development.

SECTION – C

(2 x 20 = 40)

ANSWER ANY 2 OUT OF 4 QUESTIONS. (1000 WORDS EACH)

21. Explain the inter-linkage between the Environment and the Economy using the material balance principle.
22. Write a note on (a) Contingent Valuation Method and (b) Hedonic Pricing.
23. Discuss briefly on Pigouvian fee and Coase theorem on property rights.
24. Explain the various economic instruments through which government regulates pollution.

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