

**19P416**

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Name: .....

Reg. No.....

**FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2021**

(CBCSS - PG)

**CC19P ESC4 E23 - ENVIRONMENTAL ECONOMICS**

(Environmental Science - Elective Course)

(2019 Admission - Regular)

Time: Three Hours

Maximum: 30 Weightage

I. Answer any **four** questions. Each question carries 2 weightage.

1. Explain the term 'Environmental Economics' with example.
2. Differentiate between ecological and environmental economics?
3. What is meant by Material Balance?
4. Evaluate the three dimensions of sustainable development
5. Comment on the characteristics of mixed collective goods.
6. Define 'Communal system of management' for common property resource management.
7. Write a short note on intellectual property rights.

**(4 × 2 = 8 Weightage)**

II. Write a short essay on any **four** of the following. Each question carries 3 weightage.

8. What are the Challenges of Environmental Economics?
9. Describe the quality of environment connected with public bads.
10. Differentiate between private and social costs. How do they related with pollution and production?
11. Comment on Externalities and Market Failure.
12. Explain the Pareto criterion for optimal social welfare.
13. What are the two dominant conceptual models of common property resource management?
14. Differentiate Social CBA and Economic CBA

**(4 × 3 = 12 Weightage)**

III. Write a long essay on any **two** of the following. Each question carries 5 weightage.

15. How can the negative impacts on environment be reduced by using renewable sources of energy?
16. Explain environmental impact assessment procedure for a major project.
17. Give a detailed account on Simon Kuznets curve and its causes.
18. Explain environment foot print analysis with example.

**(2 × 5 = 10 Weightage)**

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