

A-0921

Total Pages : 4

Roll No.

ENS-508/EVS-508

**M.Sc. (Environmental Science) (MSCES)/
M.A. (Environmental Studies)**

**Environmental Economics and
Sustainable Development**

Examination February, 2026

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

(Long Answer Type Questions) (2×19=38)

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

A-0921

(1)

P.T.O.

1. Define consumer surplus, producer surplus, and social surplus with suitable example.
2. “Environmental valuation is essential for effective environmental policy formulation.” Discuss with reference to different valuation techniques.
3. What is pollution ? Explain the different types of pollution—land, water, air, noise, and light—along with their major sources. Also describe the harmful effects of these forms of pollution on human health, the environment, and the economy, using suitable real-world examples.
4. What is biodiversity ? Describe the various methods used to measure biodiversity and explain their importance for environmental conservation Suggest effective strategies to prevent biodiversity loss.
5. Critically discuss the meaning of sustainability. In your answer, explain the concept of sustainability, elaborate on its core principles, and analyze the main limitations and challenges associated with implementing sustainability in contemporary society.

Section–B

(Short Answer Type Questions) (4×8=32)

Note :- Section 'B' contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. State and explain the law of diminishing returns.
2. Define Cost-Benefit Analysis (CBA) in the context of environmental decision-making.
3. What is agro-forestry ? Discuss its major categories and explain how each contributes to sustainable land management.
4. Discuss the implementation and outcomes of the Millennium Development Goals (MDGs) in India, addressing both successes and ongoing challenges.
5. Explain the concept of Demographic Dynamics and discuss its significance for sustainability.

6. Highlight India's major efforts toward sustainable development (10.3.1) and compare these with the sustainability approaches adopted by developed nations.
7. What role does the National Green Tribunal (NOT) play in resolving environmental disputes ?
8. Why is Environmental Economics important for policymaking ?
