

MEV-011 : FUNDAMENTALS OF ENVIRONMENTAL SCIENCE AND ECOLOGY

TUTOR MARKED ASSIGNMENT

Course Code	: MEV-011
Course Title	: Fundamentals of Environmental Science and Ecology
Assignment Code	: MEV-011/TMA-01/January 2025 to July 2026 session
Coverage	: All Blocks

Maximum Marks 100

5x20=100

Note: This assignment is based on the entire course.

Answer any five questions. All question carries equal marks.

Please write all answers in your own words.

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1. Explain the key principles of the ecosystem approach to conserving natural resources.
 2. Explain the human impact on ecosystem functioning, global energy flow, food security and public health.
 3. Discuss the causes of land degradation. Explain the strategies for ecosystem restoration.
 4. Write short notes on any two of the followings
 - a. Sustainable Development
 - b. Carbon footprint
 - c. Kyoto Protocol
 - d. Biodiversity
 5. Describe the processes that affect community organisation. Explain interspecific and intraspecific interactions with suitable examples.
 6. Explain the causes, types and processes of succession.
 7. Explain the structure and function of ecosystem.
 8. Explain the biogeochemical cycling of nitrogen and phosphorus.
