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MED-001

**POST GRADUATE DIPLOMA IN
ENVIRONMENTAL AND
SUSTAINABLE DEVELOPMENT
(PGDESD)**

Term-End Examination

June, 2026

**MED-001 : UNDERSTANDING THE
ENVIRONMENT**

Time : 2 Hours

Maximum Marks : 50

Note : Answer any *five* questions. All questions
carry equal marks.

1. Discuss the *three* categories of water pollutants. Write a note on National River Conservation Authority. 7+3

2. (a) What are the major causes and effects of desertification ?
- (b) Give an overview of the evolution of modern day humans.
- (c) What is entrophication ? 3+5+2
3. (a) Discuss the growth of a population in a limited environment with a diagram.
- (b) Explain sulfur cycle with schematic diagram. 5+5
4. (a) Discuss the various types of ecological efficiency.
- (b) Write a note on different types of ecological pyramids. 5+5
5. (a) Describe the adaptation of organisms in the lentic habitat of fresh water ecosystem.
- (b) Describe the types of savannas and the vegetation commonly observed there.
- 5+5

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6. (a) Discuss the different types of symbiotic nutrition.
- (b) Enumerate the different groups of microorganisms present in soil. 5+5
7. Write short notes on : $4 \times 2.5 = 10$
- (a) El Nino
- (b) Depth zones of an ocean
- (c) Destruction of coral reefs
- (d) Concept of Biosphere

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