

No. of Printed Pages : 2

MED-001

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

Term-End Examination

June, 2025

**MED-001 : UNDERSTANDING THE
ENVIRONMENT**

Time : 2 Hours

Maximum Marks : 50

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

1. Describe the different types of freshwater adaptation in organisms. 10
2. Distinguish between any *five* of the following : 2×5=10
 - (a) Weather and Climate
 - (b) Algae and Fungi

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- (c) Albedo and Aerosol
 - (d) Thermocline and Halocline
 - (e) Virus and Bacteria
 - (f) Food web and Food chain
3. Describe the phenomenon of atmospheric stratification and discuss its relation with temperature variation according to height. 4+6
4. Write elaborated notes on any *two* of the following : 5+5
- (a) Productivity of ecosystem
 - (b) Soil profile
 - (c) Green House Gases
 - (d) Hydrological cycle
5. What are rocks ? Describe different types of rocks with examples. 3+7
6. What do you understand by climatic zones ? Describe the distinguishing features of different climatic zones. 10
7. Describe the different types of air pollutants and their sources. 10

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