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**MED–007**

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

**Term-End Examination**

**December, 2023**

**MED-007 : AGRICULTURE AND ENVIRONMENT**

*Time : 2 Hours*

*Maximum Marks : 50*

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

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1. Define the following terms : 5×2=10
  - (i) Integrated Nutrient Management
  - (ii) Stream Erosion
  - (iii) Biopesticides
  - (iv) Agroforestry
  - (v) Genetic diversity
  
2. Differentiate between any **two** of the following pair of terms : 2×5=10
  - (i) Renewable and Non-renewable energy resources

**P. T. O.**

- (ii) Tile drains and Mole drains
  - (iii) Biotic components and Abiotic components of ecosystem
3. (a) Explain the phenomenon of greenhouse effect. Discuss its impact on the climate. 5
- (b) How do nitrogen and phosphorus containing fertilisers pollute the environment ? 5
4. (a) Describe the ways by which space, communication and IT tools can benefit the farmers. 5
- (b) What are legislative methods of pest control ? Why do we need them ? 5
5. (a) Distinguish between surface drainage and subsurface drainage. Discuss the ways by which subsurface drainage can be accomplished. 5
- (b) Write the advantages of integrated farming system. 5
6. Write short notes on any **two** of the following :  
2×5=10
- (a) Salt-affected soils
  - (b) Methods of composting
  - (c) Operation flood