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MED-007

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

Term-End Examination

June, 2019

MED-007 : AGRICULTURE AND ENVIRONMENT

Time : 2 Hours

Maximum Marks : 50

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

1. Define any *five* of the following terms : 5×2
 - (i) Agro ecological zone
 - (ii) Green manure
 - (iii) Polyculture
 - (iv) Transgenic plants
 - (v) Aquaculture
 - (vi) Sustainable agriculture

2. Differentiate between any *two* of the following pairs of terms : 2×5
 - (i) Contour bunding and Graded bunding
 - (ii) Drought escapers and Drought evaders
 - (iii) Multi-cropping and Intercropping

3. Define ecological security. Describe the factors that threaten ecological security. 2 + 8
4. (a) Discuss the reasons for increase in the salinity of soil. 4
(b) How does soil salinity affect crop productivity ? Write any *three* ways by which saline soils can be reclaimed. 3 + 3
5. Describe the components of Integrated Pest Management (IPM). Analyse the major issues involved in the implementation of IPM. 6 + 4
6. Write short notes on any *two* of the following : 2×5
 - (a) Vermicomposting
 - (b) Role of women in agriculture
 - (c) Bee-keeping