

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

Term-End Examination

00158

June, 2015

MED-007 : AGRICULTURE AND ENVIRONMENT

Time : 2 hours

Maximum Marks : 50

Note : Attempt all questions. Marks are indicated against each question.

1. Give brief answers to the following questions : $5 \times 2 = 10$
 - (a) What is the significance of ICTs in agriculture ?
 - (b) What are the characteristics of mature compost ?
 - (c) Define sustainable value index.
 - (d) What is the difference between species diversity and genetic diversity ?
 - (e) Define mulching.

2. Differentiate between any *two* of the following : $2 \times 5 = 10$
 - (a) Chemical control and Biological control of pests
 - (b) Saline soil and Sodic soil
 - (c) Agro-ecosystem and Natural ecosystem

3. (a) Describe the various agro-climatic zones of the Indian sub-continent. 5
- (b) Describe the economic importance of honey bee. 5
4. Discuss the impact of pesticides on environment and human health. 10
5. Write short notes on any *two* of the following: 2×5=10
- (a) Soil Erosion
- (b) Greenhouse Effect
- (c) Operation Flood
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