

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

**Term-End Examination**

**December, 2018**

00562

**MED-007 : AGRICULTURE AND ENVIRONMENT**

*Time : 2 hours*

*Maximum Marks : 50*

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

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1. (a) Define any *three* of the following terms :  $3 \times 2 = 6$
- (i) Monoculture
  - (ii) Mulching
  - (iii) Watershed
  - (iv) Greenhouse effect

- (b) Expand any *four* of the following abbreviations : 4×1=4
- (i) ICAR
  - (ii) NPK
  - (iii) IPGRI
  - (iv) HCH
  - (v) FYM
2. Differentiate between any *two* of the following pairs of terms : 2×5=10
- (a) Splash erosion and Stream erosion
  - (b) Agri-silviculture system and Silviculture system
  - (c) Agroforestry and Social forestry
  - (d) Sustainable yield index and Sustainable value index
3. (a) What is vermicomposting ? Describe the different steps involved in the preparation of vermicompost. 8
- (b) Why is vermicompost considered to be an excellent soil additive ? 2
4. (a) Define waterlogging and describe its causes. 5
- (b) Discuss the effects of climate change on agriculture in India. 5

5. (a) What is integrated farming system ? Write any four advantages of this system. 5
- (b) Describe the methods to reduce the post-harvest losses of agricultural produce. 5
6. Write short notes on any *two* of the following :  $2 \times 5 = 10$
- (a) Concept of IPM
- (b) EXIM Policy
- (c) Organic Agriculture in India
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