

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

Term-End Examination,

December 2019

**MED-007 : AGRICULTURE AND
ENVIRONMENT**

Time : 2 Hours]

[Maximum Marks : 50

Note : Attempt all questions.

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1. Give brief answers to the following questions : 10
 - a) What is the effect of methane emission from rice-fields?
 - b) Enlist any four agro ecosystems.
 - c) How does genetic conservation influence ecological security?
 - d) What is dry farming?
 - e) Mention the utility of crop-residues as an energy source.

 2. Distinguish between any two of the following pairs : 10
 - a) Moisture stress and salinity stress.
 - b) Agroforestry and social forestry.
 - c) Composting and vermi-composting.

(2)

3. Attempt **any two** parts : 10
- a) "Eco-friendly agricultural technology has become important in modern days". Explain this, giving examples also in support of your explanation.
 - b) "Soil erosion can be controlled by terrace farming". Explain this, giving examples in support of your explanation.
 - c) Describe the benefits of organic farming.
4. a) With the help of a diagram, briefly explain the impact of green house emissions on climate change. 5
- b) Briefly describe the effects of soil acidity on crop-growth. 5
5. Write short notes on **any two** of the following : 10
- a) Land degradation
 - b) Hydrological cycle
 - c) Integrated farming.

