



**Post Graduate Diploma in Agricultural Extension Management (PGDAEM)  
II Semester Regular Examinations for 14<sup>th</sup> batch, 2020-21**

**AEM 204: Extension for Sustainable Agricultural Development (4 Credits)**

**Maximum Marks: 70**

**Duration: 2 ½ hrs**

**Answer ANY FIVE questions. All Questions carry equal marks.**

1. Define biodiversity. Briefly explain in situ biodiversity conservation methods. 14 marks
2. What is climate change? Explain climate smart cropping management. 14 marks
3. Write short notes on **any four** of the following (All questions carry equal marks): 14 marks
  - a) Biodiversity and agriculture
  - b) Contour bunds
  - c) National mission on sustainable agriculture
  - d) Indigenous technical knowledge
  - e) Natural farming
4. Explain different soil and water conservation methods. 14 marks
5. Write short notes on **any four** of the following (All questions carry equal marks): 14 marks
  - a) Indian dairy industry
  - b) Fodder preservation
  - c) Ration balancing
  - d) Livestock extension
  - e) Biosecurity
6. Describe different disease control measures in livestock. 14 marks
7. Discuss the integrated farming system and its objectives. 14 marks
8. Write short notes on **any four** of the following (All questions carry equal marks): 14 marks
  - a) Brackish water aquaculture
  - b) Fish and value addition
  - c) Mushroom cultivation
  - d) Marine fisheries
  - e) Food processing

*Veenita*

डॉ. विनीता कुमारी

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