



**Post Graduate Diploma in Agricultural Extension Management (PGDAEM)  
Supplementary examination 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. Each Question carry 14 marks.**

1. What is biodiversity? Explain types of biodiversity and reasons for extinction of biodiversity. 14 marks
2. a) Write about the contour trench and steps to make contour trench. 2x7 =  
b) Explain the contributing factors of climate change. 14 marks
3. Define soil erosion. Explain the various reasons for soil erosion. 14 marks
4. Discuss the factors determining type of Integrated Farming System with advantages and limitations. 14 marks
5. Write short notes on the following:  
a) Indigenous Technical Knowledge 4 marks  
b) Silage making 4 marks  
c) Tools for dealing with animal disease outbreak 3 marks  
d) Composite Fish Culture 3 marks
6. Explain zero tillage with some important methods of mitigation and adaptation for soil and water conservation. 14 marks
7. a) Describe the strategies to revamp animal husbandry extension. 7 marks  
b) Explain two different types of shrimp farming in India. 7 marks
8. Write down the major challenges and issues of allied sector in India for sustainable agricultural development. 14 marks

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*Uleil*  
30/11/2022

