



**Post Graduate Diploma in Agricultural Extension Management (PGDAEM)  
I Semester regular examination for 16<sup>th</sup> batch (2022-23) and  
Supplementary examinations for 15<sup>th</sup> batch (2021-22)**

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

**Maximum Marks: 70**

**Duration: 2 ½ hrs**

**Answer any 5 questions. Each Question carry 14 marks.**

1. Explain the significance of threatened biodiversity with examples. 14 marks
2. a) Explain the status of livestock related industries in India, the challenges faced and the Government initiatives to promote livestock processing. 2x7 = 14 marks  
b) Write about entrepreneurship, types and importance of entrepreneurship in sustainable production.
3. Describe the ways to predict soil erosion and conservation measures with examples. 14 marks
4. Explain in detail about successful Integrated Farming System (IFS) model and advantages of IFS in present agricultural scenario. Differentiate between farming system and IFS. 14 marks
5. a) Discuss the role of climate resilient practices in agriculture. 7 marks  
b) Explain impact of climate change on agriculture and adoption strategies for climate smart agriculture. 7 marks
6. Write the importance strategies for effective nutritional management in livestock. 14 marks
7. Discuss the role, importance, challenges faced and issues faced in agricultural allied sector to achieve sustainable agricultural growth. 14 marks
8. Explain different types of farming systems and the policies and HRD strategies required for rain-fed agriculture. 14 marks

*Veenita*  
13/9/2023

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