



The Open University of Sri Lanka  
 Faculty of Engineering Technology  
 Diploma/Degree in Industrial Studies (Agriculture)  
**Final Examination - 2013/2014**  
**AEM5246 - Agricultural Extension**

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Date : 25-08-2014  
 Time : 09.30 - 12.30

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**SECTION II: Answer only four (04) questions**

1. (a) Briefly explain the importance of indigenous knowledge in Agricultural Extension. (10 marks)  
 (b) Discuss how the indigenous knowledge can be used in Agricultural Extension Service in combination with new scientific knowledge. (15marks)
2. (a) Briefly explain the role of agricultural Extension Service. (10 marks)  
 (b) Discuss how Agricultural Extension service should join with **different ongoing development programs in Sri Lanka**. (15 marks)
3. Write **short notes** on the following topics. (5 marks each)
  - (a) Role of Farmer organizations in Agricultural Extension Service.
  - (b) Use of two way communication for success in adult learning process.
  - (c) Rural culture and agricultural extension.
  - (d) Agricultural development through empowerment of women.
  - (e) The impact of technological change on traditional social organizations.
4. (a) What are the different requirements in adult learning? (10 marks)  
 (b) Briefly discuss the following.
  - (i) Barriers against participating in learning. (5 marks)
  - (ii) Use of appropriate teaching methods in the teaching process (10 marks)
5. (a) Briefly describe the term "Agricultural Technology". (10 marks)  
 (b) Explain different characteristics of adopters with appropriate graphical illustrations. (5 marks)  
 (c) It was announced that a new variety of rice was released by the Department of Agriculture. Suppose you are an Agricultural Instructor in a rural area, how would you introduce the variety to the farmers using your knowledge in adoption and diffusion processes in agricultural extension? (10 marks)
6. "The areas which have the potential for growth in Sri Lanka could support overall agricultural development in the country" Critically review. (25 marks)