



The Open University of Sri Lanka  
 Faculty of Engineering Technology  
 Diploma/Degree in Industrial Studies (Agriculture)  
 Final Examination- 2015/2016  
**AEM 5246 Agricultural Extension**

**SECTION II (2 hours)**

1. (a) Briefly explain the importance of empowering women in agricultural development activities in Sri Lanka. (10 marks)
- (b) Discuss how women can contribute to farming activities and other related works in their families to uplift their living standards in Sri Lanka. Support your answer with practical examples. (15 marks)
2. (a) Briefly explain the Traditional Socio Cultural Systems in a rural village in Sri Lanka. (10 marks)
- (b) Discuss the importance of “**Indigenous Knowledge**” for farming sector development in a rural villages. (15 marks)
3. Write **short notes** on the following:
  - (a) Use of two way communication for the success of adult learning process (9 marks)
  - (b) Technological revolution in agriculture sector (8 marks)
  - (c) Barriers to participation in learning (8 marks)
4. (a) What are the main advantages of having a farmer organization ? (10 marks)
- (b) Assume that you are appointed as an **Extension officer** in a selected GN division. Describe how you would organize activities in the area to establish farmer organizations to upgrade the living standards of farming community? (15 marks)
5. (a) Briefly explain “**Problem solving functions of Agriculture extension service**” (10 marks)
- (b) Discuss how agricultural extension service can effectively be used in improving quality of life of farming communities in Sri Lanka. Support your answer with practical examples (15 marks)
6. Department of Agriculture has planned to introduce a weeder for paddy farmers. Suppose you are an Agricultural Instructor (AI) in Polonnaruwa district. How would you plan to introduce this technology to paddy farmers using your knowledge in adoption and diffusion process in agricultural extension?

(25 marks)