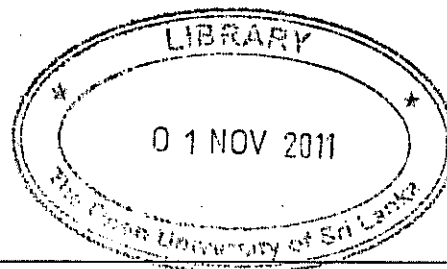




The Open University of Sri Lanka  
Faculty of Engineering Technology  
Diploma/Degree in Technology & Industrial Studies (Agriculture)  
Final Examination- 2010 / 2011  
AEM 5246 Agricultural Extension

Date : 05 -04 - 2011  
Time : 14 00 - 17 00  
Duration : Three (3) hours.



SECTION II

1. (i) Briefly explain the difference between Andragogy (adult learning) and Pedagogy (child learning) (10 marks)  
(ii) Discuss how the following principles contribute for effective adult learning;  
(a) Self learning  
(b) Participation in activities.  
(c) Learning environment. (15 marks)
2. (i) Compare five (5) characteristics of formal and non formal education (10 marks).  
(ii) Name the steps in the non formal teaching process and discuss the importance of each step in extension education. (15 marks)
3. (i) Briefly explain the 'obstacles for change' in the field of agriculture (10 marks).  
(ii) Discuss the influence of agricultural extension worker in reducing the resistance to change. (15marks).
4. Write short notes on any four (4) of the following;  
i. Subject matter specialists.  
ii. Privatized extension programmes.  
iii. Growth potential areas.  
iv. Female disadvantage.  
v. Educational role of the television. (25 marks)
5. (i) Briefly explain the differences between **traditional** and **modern** agricultural technology. (10 marks)  
(ii) Discuss three (3) important characteristics of technology, influencing its acceptance by farmers. (15 marks)
6. Discuss the role of agricultural extension in promoting the domestic food production and home gardening programmes. (25marks)