



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

14/16, Ahmadu Bello Way, Victoria Island

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**October, 2013 Examination**

**Course Code: AEM 508**

**Course Title: TECHNOLOGICAL AND SOCIAL CHANGE IN AGRICULTURE  
EXAMINATION**

**Course Credit Unit: 2credit**

**TIME: 2.30hrs**

**INSTRUCTIONS: Answer 4 questions only. All questions carry equal marks.**

- 1a. Briefly explain how technology can influence class creation in a society?  
(10Marks)
- 1b. Outline the three (3) levels of resistance identified by Rick Maurer and ways in which they can be overcome.  
(15 Marks)
- 2a. Indicate the forms in which social change can be manifested in a community  
(10 marks)
- 2b. Discuss in details the factors that affect the rate and magnitude of societal change.  
(15Marks)
- 3a List the principles of agricultural extension.  
(5 Marks)
- 3b. Discuss fully any four (4) of the principles listed in 3a above.  
(20 Marks)
- 4a . Highlight the relevance of extension in agricultural development.  
(20 Marks)
- 4b. In order to introduce change, what are the procedures and extension agent needs to adopt to reduce negative forces in the field.  
(5marks)
- 5a Discuss fully reasons that could lead to failure in the transfer of technology.  
(15Marks)
- 5b. List the principles of change management.  
(10 Marks)
- 6a. What do you understand by technology transfer?  
(5Marks)

6b. Highlight the role of the extension agent in the transfer of technology.  
(20 Marks)