



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JANUARY/FEBRUARY 2013 EXAMINATION**

B.Sc AGRICULTURAL EXTENSION AND MANAGEMENT.

**TECHNOLOGICAL AND SOCIAL CHANGE IN AGRICULTURE
(AEM 508) INSTRUCTIONS:**

Answer Five (5) questions only. All questions carry equal marks

TIME ALLOWED 3.00hr

- 1a. Explain what you understand by the word technology. (4marks)**
- 1b. How is the definition of 1a above different from Indigenous technology. (4marks)**
- 1c. Explain how Technology influence the social system. (12marks)**
- 2a. Mention the various levels of resistance and suggest strategies for overcoming them. (10marks)**
- 2b. Differentiate between Surfacing resistance and Inexplicable resistance. (10marks)**
- 3a. Discuss in details the theory of change. (10Marks)**
- 3b. Briefly highlights the factors that determine the rate and magnitude at which society changes. (10marks)**
- 4a. Suggest reasons that could bring about the failure of transfer of technology. (10marks)**
- 4b. Given a village setting, what are the possible factors that can affect technology transfer. (10marks)**
- 5a. List the Principles of technological change management. (5marks)**
- 5b. Discuss fully any five of the principles listed in 5a above. (15marks)**

6a. Briefly explain the factors that can affect the introduction of new technology. (10marks)

6b. Suggest reasons why technology can be the basis for sustainable agriculture. (10marks)

7a. Highlight the role of extension in agricultural development. (10 marks)

7b. Briefly discuss the elements required in an effective learning situation. (10marks)

