



**NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
JUNE/JULY EXAMINATION**

COURSE CODE: AEM 508

COURSE TITLE: TECHNOLOGICAL AND SOCIAL CHANGE IN AGRICULTURE

TIME ALLOWED: 2.30hrs

INSTRUCTION: Answer 4 questions only. All questions carry equal marks

- 1a. Discuss fully the term Indigenous Technology
(10Marks)
- 1b. Mention any five (5) indigenous beliefs that affect the production, harvest and storage of crops
(5Marks)
- 1c. Discuss the anti-resistance tactics an innovation champion can employ to achieve results in a community.
(10Marks)

- 2a. Briefly, indicate the sources of social change in Nigeria.
(10 marks)
- 2b. Discuss the various manifestations of this change.
(10Marks)
- 2c. List any five (5) characteristics of innovation.
(5marks)

- 3a. Briefly, highlight the goals of agricultural extension.
(5Marks)
- 3b. Discuss the hypothesis in extension education.
(10Marks)
- 3c. Briefly, discuss the principles of agricultural extension.
(10Marks)

- 4a. State the processes you can take in order to reduce negative forces encountered in introducing change in a society.
(5Marks)
- 4b. List the factors that can affect technology transfer in a village.
(5marks)

4c. Discuss any three (3) of the factors listed in 4b above.
(15marks)

5a. In managing change what are the key factors to be borne in mind. (5Marks)

5b. List the principles of change management.
(5Marks)

5c. Discuss fully any three (3) of the principles listed in 5b above (15marks)

6a. Discuss how the following factors affect the introduction of new technology:

- I. Quality - related factors;
 - II. Client - related factors; and
 - III. Cultural factors.
- (5Marks each)

6b. State five (5) principles to consider in designing farm implement for agricultural mechanization.
(10Marks)