



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi, Abuja**  
**Faculty of Agricultural Sciences**  
**October/November, 2016**

**Programme: Agricultural Extension and Management**  
**Course Code: AEM 503**  
**Course Title: Diffusion and Adoption of Innovations**  
**Credit Unit: 3**  
**Total Score: 100 Marks**  
**Time Allowed: 3 Hours**  
**Instruction: Answer any five (5) Question**

**Question 1**

- a. Discuss the change agents in extension?
- b. Discuss their characteristics and role in the diffusion and adoption of innovation

**Question 2**

- a. Discuss exhaustively the factors that influence effective agricultural extension in rural areas

**Question 3**

- a. Discuss the factors that determining the rates of Adoption of a technology.
- b. Explain the speed of adoption and adoption categories in extension education.

**Question 4**

- a. Explain the innovation diffusion and the types of innovation models
- b. What are the stages of innovation diffusion process
- c. Discuss the characteristics of innovation

**Question 5**

Write short notes on the following

- i. Early Adopters
- ii. Late Adopters
- iii. Laggards
- iv. Innovators

**Question 6**

- a. Explain the term adoption and discuss the adoption process

**Question 7**

- a. Discuss the diffusion of innovation in extension