

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**FACULTY OF AGRICULTURE AND AGRICULTURAL SCIENCES**

**JANUARY 2018, EXAMINATION**

**Course Code: AEM 503**

**Credit unit: 2**

**Course Title: Diffusion and Adoption Of Innovations**

**Time Allowed: 2.5 Hours**

**Instructions: Answer question 1 and any 3 Questions only**

**QUESTION 1**

a. Who are change agents?**10 marks**

b. Discuss their characteristics and role in the diffusion and adoption of innovation. **15 marks**

**QUESTION 2**

Enumerate the factors determining adoption rate and explain. **15 marks**

**QUESTION 3**

a. Explain the innovation – decision marking.**5 marks**

b. List the stages of innovation-Decision making process and Discuss. **10 marks**

**QUESTION 4**

Discuss the factors that can enhance agriculture extension in rural areas in Nigeria. **15 marks**

**QUESTION 5**

Enumerate and explain the implication of Rogers' Stages of Innovation Decision

process.**15 marks**

**QUESTION 6**

a. Examine the formulation of theory on diffusion of innovations. **5 marks**

b. Discuss the four theories on the diffusion of innovation. **10 marks**