



**NATIONAL OPEN UNIVERSITY OF NIGERIA**

*University Village, Nnamdi Azikiwe Expressway, Plot 91, Cadastral Zone, Jabi, Abuja*  
**Faculty of Agricultural Sciences, Dept. of Agricultural Economics and Extension,**  
*PoP Examination Questions, 2021 Academic Session*<sup>12345</sup>

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

**Course Code: AEM 503**

**Credit Unit: 3 Units**

**Total Score: 70 Marks**

**Time Allowed: 3 Hrs**

**INSTRUCTION: Answer Four Questions Only**

**QUESTION ONE**

- a. Innovation exists in how many ways? Mention the ways (2 ½ mks)
- b. Diffusion is out rightly described as a social process. Discuss (4 mks)
- c. Describe the change agent and how his/her functions can contribute to the development of the farmer in particular and to the community in general. (5 mks)
- d. State four (4) opinions of people's feeling of who an opinion leader is (6 mks)

**QUESTION TWO**

- a. Decision making by farmers on whether to adopt or not to adopt an innovation undergoes a process. Define the decision making process and mention the steps that are involved in the process. (5 ½ mks)
- b. Write short notes on 'Innovation Decision Process Theory' as presented by Everett Rogers (1995) ( 4mks)
- c. Using four (4) instances in a tabular form, explain why the Innovators are not like the Laggards in the adopters category (8 mks)

**QUESTION THREE**

- a. Different people may perceive agricultural extension differently. But as a farmer what is your perception or how do you see agricultural extension? (2 ½ mk)
- b. Elaborately discuss the five (5) stages that revolves around the innovation-decision process (7 ½)
- c. The way in which an individual adopts an innovation involves five (5) steps. Enumerate and briefly expatiate the steps. (7 ½ mks)

**QUESTION FOUR**

- a. Briefly explain the 'Speed of Adoption ' (4 mks)
- b. Extensively deliberate on how observation technique and can be used to select a community leadership (7 ½ mks)
- c. Discuss the four (4) various stages of diffusion of innovation in an social system (6 mks)

**QUESTION FIVE**

- a i. Diffusion of innovation is possible under the consideration and combination of four (4) elements. Identify the elements (2 mks)
  - ii. Everett Rogers in his postulate suggested some consequences associated with innovation decisions. State any two (2) of the major consequences (2 mks)
- b. What is a social system (3 ½ mks)
- c. There are characteristics a farmer considers that influences him/her in adopting an innovation. Use any five (5) instances to narrate the characteristics (10 mks)