



**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)