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**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**(MMUST)**

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS**

**2021/2022 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER MAIN EXAMINATION FOR CERTIFICATE IN  
GENERAL AGRICULTURE**

**COURSE CODE: CAG 019**

**COURSE TITLE: AGRICULTURAL EXTENSION AND EDUCATION**

**DATE: 20<sup>TH</sup> APRIL, 2022**

**TIME: 12-2PM**

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**INSTRUCTIONS TO CANDIDATES**

- **Total Marks= 70**
- **TIME: 2 Hours**

*MMUST observes ZERO tolerance to examination cheating*

*This paper has 2 printed pages PLEASE turn over*



**Answer all questions in section A and any TWO questions in section B.**

**SECTION A: ANSWER ALL QUESTIONS (30 MARKS)**

**QUESTION ONE**

- i. Differentiate between the terms agricultural education and agricultural extension (4 marks)
- ii. Discuss some of the objectives of an agricultural extension program (8 marks)
- iii. Define the term extension approach (2 marks)
- iv. Explain the three facets of agricultural extension (6 marks)
- v. Define the term feedback as used in agriculture extension and education (2 marks)
- vi. State and explain any four elements of communication process (8 marks)

**SECTION B (ANSWER ANY 2 QUESTIONS)**

**QUESTION 2**

Discuss different forms of communication in Agriculture Extension and education

**(20 marks)**

**QUESTION 3**

- a) Discuss ways which can be used to effectively manage a communication process (12 marks)
- b) List and discuss any four categories of barriers of communication in extension (8 marks)

**QUESTION 4**

- a) Give three examples of method demonstration subjects in extension approach (3 marks)
- b) Discuss challenges facing agricultural extension (12 marks)
- c) Highlight some of the qualities of a successful extension agent (5 marks)