



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**(MMUST)**

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS**

**2021/2022 ACADEMIC YEAR**

**FOURTH YEAR SECOND SEMESTER FOR**

**BSc. AGRICULTURAL EDUCATION AND EXTENSION**

**(MAIN EXAMINATION)**

**COURSE CODE: AEX 421**

**COURSE TITLE: EXTENSION MONITORING AND EVALUATION**

**DATE: 19/04/2022**

**TIME: 3-5 PM**

**INSTRUCTIONS TO CANDIDATES**

**Answer Question ONE**

**Answer any other two questions in section B**

**TIME: 2 HOURS**

**MMUST observes ZERO tolerance to examination cheating**

*This paper consists of TWO printed pages. Please Turn Over*

## SECTION A: Answer Question ONE

### QUESTION ONE:

- a) Differentiate between Monitoring and evaluation and discuss five complementary roles of each (Monitoring and evaluation) can play (10 marks)
- b) Examine principal components of extension Monitoring and Evaluation (6 marks)
- c) State and briefly describe various categories of evaluations based on when they occur in any project cycle and their purposes (8 marks)
- d) Define Participatory Evaluation and explain how it is reflective, action oriented and how it seeks to build capacity within a program (6 marks)

## SECTION B (40 Marks)

### QUESTION TWO:

- a) Define Indicator of Monitoring and evaluation of any project (2 marks)
- b) Discuss the criteria for the selection of indicators for use in project monitoring and evaluation of any Agricultural project (9 marks)
- c) Explain the following;- Output Indicator, Impact indicator, Exogenous indicator (9 marks)

### QUESTION THREE:

- a) Discuss the steps involved in developing a monitoring and evaluation system at the initial design and in detail at startup (10 marks)
- b) Describe critical decisions you need to make when considering participatory monitoring and evaluation (10 marks)

### QUESTION FOUR:

- a) Discuss programme evaluation questions under the following;
  - i) Needs assessments (4 marks)
  - ii) Programme theory assessment (4 marks)
  - iii) Process evaluation (4 marks)
  - iv) Impact outcome evaluation (4 marks)
  - v) Assessment of efficiency (4 marks)