



**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY,
MAIN CAMPUS
UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER MAIN EXAMINATION
FOR
BSc. AGRICULTURAL EDUCATION AND EXTENSION**

COURSE CODE: AEX 421

COURSE TITLE: EXTENSION MONITORING AND EVALUATION

DATE:17th April 2023.....

TIME.....8-10 AM.....

INSTRUCTIONS TO CANDIDATES

Answer Question ONE

Answer any other two questions in section B

MMUST observes ZERO tolerance to examination cheating

SECTION A: Answer Question ONE

QUESTION ONE:

- a) Differentiate between Agriculture extension and Agriculture education while discussing five complementary roles of each Monitoring and evaluation can play in an organisation (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) State and briefly describe various approaches to extension Monitoring (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)