



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF AGRICULTURAL AND FOOD SCIENCES
FIRST YEAR FIRST SEMESTER EXAMINATION
MASTER OF SCIENCE IN AGRICULTURAL EXTENSION 2019/2020
ACADEMIC YEAR
REGULAR

COURSE CODE: AEE 5122

STREAM: MSc AGRIC EXT.

COURSE TITLE: MONITORING AND EVALUATION IN AGRIC. EXTENSION

DATE: 5/09/19

EXAMS SESSION: 9.00 – 12.00NOON

TIME: 3.00 HRS

INSTRUCTIONS

- 1. Answer Question ONE (Compulsory) in Section A and any other TWO Questions in Section B.**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the Examination room.**

SECTION A

Q1. Using examples, explain what you understand by the following terms as used in Monitoring and Evaluation:

i)	Internal Evaluation	(2 marks)
ii)	Impact Evaluation	(2 marks)
iii)	Likert scale	(2 marks)
iv)	Unstructured Questionnaire	(2 marks)
v)	Placebo Effect	(2 marks)
vi)	<i>Expost facto</i> design	(2 marks)
vii)	Quasi Experimental design	(2 marks)
viii)	Participant observation	(2 marks)
ix)	Expert Opinion	(2 marks)
x)	Efficiency	(2 marks)
	Total	(20 Marks)

SECTION B

Answer only two questions from this section

Q2 i). what is a *log frame*?

ii) Using examples, graphically explain the concept of *Log frame* in Monitoring and Evaluation

(20 Marks).

Q3. i) Using examples, explain the following two sampling methods

a) Snowballing

b) Stratified random sampling (10 marks)

ii) Explain what you understand by change resistance and how do you counteract change resistance in the utilization of Monitoring and Evaluation results (10 marks)

(20 Marks)

Q4. i) Evaluation may be done externally or internally. Discuss the advantages and disadvantages of using External and Internal evaluators (10 Marks).

ii) What are Indicators (*Yardsticks*) and how are they useful in M&E? (5 marks)

iii) Name the 5 critical steps in developing indicators (5 marks)

(20 Marks).

Q5. Using a named food security project as an example explain the following concepts

i) Input (5 marks)

ii) Output (5 marks)

iii) Outcome (5 marks)

iv) Impact (5 marks)

(20 Marks)