



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF AGRICULTURAL AND FOOD SCIENCES
FOURTH YEAR FIRST SEMESTER UNIVERSITY EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF SCIENCE IN FOOD SECURITY**

COURSE CODE: AFB 3413

COURSE TITLE: MONITORING AND EVALUATING FOOD SECURITY

EXAM VENUE:

STREAM: BSc (Food Security)

DATE:

EXAM VENUE:

TIME:

INSTRUCTIONS

1. Answer ALL Questions in Section A and any other **TWO** Questions from 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

Answer all questions from this section (Compulsory)

1. Using examples, explain what you understand by the following terms as used in Monitoring and Evaluation:
 - a. External Evaluation (3 marks)
 - b. History as a threat to internal validity (3marks)
 - c. Evaluation (3 marks)
 - d. Likert scale (3 marks)
 - e. Feedback (3 marks)
 - f. Quantitative Data (3 marks)
 - g. Open-ended Questionnaire (3 marks)
 - h. Placebo Effect (3 marks)
 - i. Performance question (3 marks)
 - j. Ex-ante assessment (3 marks)

SECTION B

Answer only two questions from this section

2. Using examples, graphically explain the concept of Log frame in Monitoring and Evaluation (20 Marks).
3.
 - a. Using examples, explain the key steps in developing indicators (10 marks)
 - b. Explain what you understand by change resistance and how do you counteract change resistance in the utilization of Monitoring and Evaluation results? (5 marks)
 - c. Distinguish between random sampling and snowballing sampling techniques (5 marks)
4.
 - a. Explain the differences between internal and External Evaluation (5 marks)
 - b. Using a table explain five (5) advantages and five (5) disadvantages of using External and Internal evaluators (5 Marks).
 - c. What do understand by the term threats to internal validity? (3 marks)
 - d. Explain what you understand by reliability of an instrument? (2 marks)
5. Using examples explain the following concepts as used in Monitoring and Evaluation
 - a. Components of the Terms of Reference (TOR) for evaluation (5 marks)
 - b. Impact and Outcome (5 marks)
 - c. Effectiveness and Efficiency (5 marks)
 - d. Focus Group and Participant observation (5 marks)
 - e. Instrumentation as a threat to internal validity (5 marks)