



MACHAKOS UNIVERSITY

UNIVERSITY EXAMINATIONS FOR 2023/2024 ACADEMIC YEAR

SCHOOL OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

**FOURTH YEAR FISRT SEMESTER EXAMINATION FOR BACHELOR OF SCIENCE DEGREE
IN AGRICULTURAL EDUCATION AND EXTENSION**

AEE 433: EXTENSION PROGRAMME PLANNING AND IMPLEMENTATION

Date: xxxxxxxxxxxxxxxx

Time: xxxxxxxxxxxx

Instructions: Answer Question One (Compulsory) and any Two Questions in Section B

SECTION A

QUESTION ONE (30 MARKS)

- a). Define the following terms:
 - (i) Capability in the context of agricultural extension (2 marks)
 - (ii) Extension programme (2 marks)
- b). Using three points, explain the importance of a work-plan in extension programme activities (6 marks)
- c). Explain four reasons that make the use of Gantt chart important in agricultural extension programme (8 marks)
- d). Explain four approaches used in extension monitoring (4 marks)
- e). Choose four different stakeholders and explain their role in community development (4 marks)
- f). Describe four situations where individual farm visits are necessary (4 marks)

SECTION B (40 MARKS)

QUESTION TWO (20 MARKS)

- a). Describe five types of evaluation used to evaluate rural development programmes (10 marks)
- b). Explain five principles of monitoring in agricultural extension programme (10 Marks)

QUESTION THREE (20 MARKS)

- a). Discuss eight types of reports (16 Marks)
- b). Explain four criteria that should be met to ensure situation analysis is adequately done (4 Marks)

QUESTION FOUR (20 MARKS)

- a). Discuss four reasons why planning is important in extension education (10 marks)
- b). Describe five methods that an extension officer can use to involve different stakeholders in programme planning in development projects (10 marks)

QUESTION FIVE (20 MARKS)

- a). Describe five concepts of extension programme planning (10 marks)
- b). Explain five assumptions on which extension planning is based (10 marks)