



MACHAKOS UNIVERSITY

University Examinations For 2023/2024 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF AGRICULTURAL SCIENCES

FOURTH YEAR FISRT SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE DEGREE IN AGRICULTURAL EDUCATION AND
EXTENSION

AEE 433: EXTENSION PROGRAMME PLANNING AND IMPLEMENTATION

DATE:

TIME:

Instructions: Answer Question One (Compulsory) and any other Two Questions

QUESTION ONE (COMPULSORY) (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 programme monitoring (4 marks)
- e). Identify four different stakeholders and explain their role in community development (4 marks)

QUESTION TWO (20 MARKS)

- a). Describe five methods 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 six types of extension reports (12 Marks)
- b). Explain four criteria that should be met to ensure situation analysis is adequately done (8 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 programme planning is based (10 marks)