



MACHAKOS UNIVERSITY

University Examinations for 2021/2022 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRIBUSINESS MANAGEMENT AND TRADE

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR
BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENSION)

AEE 433: EXTENSION PROGRAMME PLANNING AND IMPLEMENTATION

DATE: 10/12/2021

TIME: 8:30 – 10:30 AM

INSTRUCTIONS: Answer Question One (Compulsory) and any Two Questions from Section B

SECTION A

QUESTION ONE (30 MARKS)

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

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

QUESTION TWO (20 MARKS)

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

QUESTION THREE (20 MARKS)

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

QUESTION FOUR (20 MARKS)

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

QUESTION FIVE (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)