



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

AEE 433: EXTENSION PROGRAMME PLANNING AND IMPLEMENTATION

DATE: 23/10/2020

TIME: 2.00-4.00 PM

INSTRUCTIONS:

Answer Question One in section A and any Other Two Questions from Section B

SECTION A:

QUESTION ONE: (COMPULSORY)

- a) Define the following terms:
 - i. Extension programme (2 marks)
 - ii. Action plan (2 marks)
- b) Explain four situations where individual farm visits are necessary (4 marks)
- c) Outline 6 principles of monitoring in agricultural extension programme (6 marks)
- d) Explain the importance of a work-plan (6 marks)
- e) Explain 4 steps involved in monitoring and evaluation (4 marks)
- f) Explain 3 approaches used in extension monitoring (6 marks)

SECTION B: ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION

QUESTION TWO:

- a) Explain the importance of using a Gantt chart in extension programme planning and implementation (10 marks)
- b) Describe 5 types of evaluation used to evaluate development projects (10 marks)

QUESTION THREE (20 MARKS)

- a) Describe 5 approaches used in extension monitoring (10 marks)
- b) Explain 5 assumptions on which extension planning is based (10 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss the benefits of good time management (10 marks)
- b) Explain 5 concepts of extension programme planning (10 marks)

QUESTION FIVE (20 MARKS)

- a) Describe the steps involved in preparing a work-plan (16 marks)
- b) Explain 4 criteria that should be met to ensure situation analysis is adequately done (4 marks)