



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

THIRD YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENSION)

AEE 0332: PRINCIPLES OF AGRICULTURAL EXTENSION

DATE: 16/8/2021

TIME: 2.00-4.00 PM

INSTRUCTIONS:

Answer *ALL* questions from Section A and any other *TWO* from Section B:

SECTION A: COMPULSORY: (30 MARKS)

QUESTION ONE (30 MARKS)

- Differentiate between “gender” and “sex” (2 marks)
- Extension services are provided through either one or a mixture of different models.
Describe any THREE models (6 marks)
- Explain the role of Britain in historical development of Extension (4 marks)
- Giving three examples in each case, differentiate between public extension and private extension (6 marks)
- Explain THREE roles of government in a pluralistic extension service (6 marks)
- Explain THREE ways of ensuring sustainability of financing extension services in Kenya (6 marks)

SECTION B

QUESTION TWO (20 MARKS)

- Distinguish between formal and non -formal education in extension. (10 marks)
- explain the characteristics that distinguishes extension from other forms of adult education (10 marks)

QUESTION THREE (20 MARKS)

- a) Explain TEN agricultural extension principles that guide extension workers in their professions (10 marks)
- b) Explain FIVE elements that are essential to agricultural development (10 marks)

QUESTION FOUR (20 MARKS)

- a) Explain THREE functions of Agricultural extension. (10 marks)
- b) Explain FIVE challenges facing agricultural extension (10 marks)

QUESTION FIVE (20 MARKS)

- a) Describe four extension methods that are used to train groups of farmers (8 marks)
- b) Explain six features of training and visit extension approach (12 marks)