MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATON AND EXTENSION.

FIRST YEAR SPECIAL/ SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

AEE 111/KCU 100 FUNDAMENTALS OF AGRICULTURAL EDUCATION AND EXTENSION

DATE: 21/01/2021   **TIME: 2.00-4.00 PM**

INSTRUCTIONS;

  i.   *Answer Question ONE and ANY other Two Questions*

 ii.   *Do not write on the question paper.*

iii.   *Mobile phones, computers and apple pads are not permitted in the examination rooms.*

SECTION A COMPULSORY 30 MARKS

QUESTION ONE

a)   Explain three foundational objectives of school agriculture in Kenya.   (6 marks)

b)   Explain three reasons that contributed to failure in implementing effective school agriculture in Kenya in the colonial period.   (6 marks)

c)   Differentiate between formal and non-formal agricultural education program.   (4 marks)

d)   Explain the meaning of agricultural extension.   (2 marks)

e)   Explain FOUR ways in which the teaching of agriculture may contribute to sustainable food security in the Kenya.   (6 marks)

f)   Explain FOUR strategies to ensure that agriculture is not a dumping ground for academically weak students.   (6 marks)

SECTION B Answer Any Two Questions 40 MARKS

QUESTION TWO (20 MARKS)

a) Explain any five attributes of a teacher of agriculture for effective teaching subject.

(10 marks)

b) Explain any FIVE purposes of vocational agricultural education. (10 marks)

QUESTION THREE (20 MARKS)

a) Explain any five requirements for implementing the objective to transfer farm skills.

(10 marks)

b) A teacher of agriculture should have the abilities to plan for and maintain instructional facilities, explain any five of the abilities (10 marks)

QUESTION FOUR (20 MARKS)

a) Explain five extension approaches which may facilitate agricultural development in the country. (10 marks)

b) Outline FIVE strategies of establishing agricultural program in the school. (10 marks)

QUESTION FIVE (20 MARKS)

a) Explain FIVE ways in which the 1924 Phelps-Stokes commission has influenced the teaching of agriculture in Kenya. (10 marks)

b) Explain any FIVE ways of demonstrating that agriculture is business. (10 marks)