



# MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

FOURTH YEAR SPECIAL/ SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT

AEE 111 /KCU 100 FUNDAMENTALS OF AGRICULTURAL EDUCATION AND  
EXTENSION

DATE: 25/3/2021

TIME: 2.00-4.00 PM

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## **INSTRUCTIONS:**

**Answer question one and any other two questions**

### **QUESTION ONE (30 MARKS)**

- a) Explain FOUR strategies to ensure that agriculture is not a dumping ground for academically weak students. (6 marks)
- b) Explain FOUR ways in which the teaching of agriculture may contribute to sustainable food security in the Kenya. (6 marks)
- c) Explain the meaning of agricultural extension. (2 marks)
- d) Differentiate between formal and non-formal agricultural education program. (4 marks)
- e) Explain three reasons that contributed to failure in implementing effective school agriculture in Kenya in the colonial period. (6 marks)
- f) Explain three foundational objectives of school agriculture in Kenya. (6 marks)

### **SECTION B Answer Any Two Questions 40 MARKS**

#### **QUESTION TWO (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)

**QUESTION THREE (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 FOUR (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 FIVE (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)