



MACHAKOS UNIVERSITY

University Examinations for 2024/2025 Academic Year

SCHOOL OF AGRICULTURE, ENVIRONMENT AND HEALTH SCIENCES

DEPARTMENT OF AGRICULTURAL SCIENCES

FIRST YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

**AEE 111: FUNDAMENTALS OF AGRICULTURAL EDUCATION AND
EXTENSION**

DATE: _____ **TIME:** _____

INSTRUCTION: Answer Question **One** And any Other **Two** Questions.

QUESTION ONE (30 MARKS)

- a) i) In which any three would agricultural education can be delivered? (3 marks)
ii) Explain any three reasons why school agriculture was resisted in Kenya in the early Colonial period. (3 marks)
- b) i) Explain any three features of formal education. (3 marks)
ii) Explain any three of the 1924 Phelps-Stokes Commission recommendations which has shaped the teaching of Agriculture in Kenya Schools. (3 marks)
- c) i) Explain the meaning of agricultural extension. (2 marks)
ii) Explain any four factors which relates to commitment to teaching by a teacher of agriculture. (4 marks)
- d) i) In which three ways would the farmers be facilitated to reduce poverty and promote sustainable development. (3 marks).
ii) Explain the three ways in which agricultural education should be delivered (3 marks)
- e) i) Explain four ways in which the teaching of agriculture may contribute to sustainable food security in the Kenya. (3 marks)

- ii) Explain any three strategies which can be implemented to promote agriculture as a subject of equal value to other subjects in the school curriculum. (3 marks).

QUESTION TWO (20 MARKS)

- a) Explain any five objectives that has guided the teaching of agricultural education and extension. (10 marks)
- b) In which any five ways does the need of a school farm promotes the teaching of Agriculture in a School? (10 marks)

QUESTION THREE (20 MARKS)

- a) Give any five possible reasons why School Agriculture was resisted by the Africans during colonial time. (10 marks)
- b) Explain any five professional ethics which a teacher of agriculture should be aware on entry to teaching. (10 marks)

QUESTION FOUR (20 MARKS)

- (a) Outline the desirable competencies expected from a teacher of agriculture in a School. (10 marks)
- (b) Explain the role of agricultural extension in the promotion of agricultural Production. (10 marks)

QUESTION FIVE

- (a) Give any five objectives that guides the teaching and learning of agriculture in Kenya Schools. (10 marks)
- b) Explain any five reasons why the school farm is considered as a laboratory? (10 marks)

