



# MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

SECOND YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (AGRICULTURAL EDUCATION AND EXTENSION)

AAE 221 PRINCIPLES OF TEACHING AND LEARNING AGRICULTURE

DATE: 9/8/2021

TIME: 8.30-10.30 AM

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## INSTRUCTIONS:

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

**SECTION A: COMPULSORY: (30 MARKS)**

### QUESTION ONE (30 MARKS)

- a) i Describe any three strategies which a teacher of agriculture may use in order to improve local agriculture programs in the community. (6 marks)
- ii Explain any three professional commitments to teaching as a profession. (6 marks)
- iii In what any four ways would a teacher of agricultural extension promote effective learning? (6 marks)
- b) Which any three reasons makes the school farm to be considered as a laboratory in the teaching of agriculture?
- c) In what any three ways does the project work promotes the teaching and learning of agriculture? (6 marks)

### SECTION B (40 MARKS)

Answer Any Two Questions 40 MARKS

### QUESTION TWO (20 MARKS)

- a) Construct any five questions a teacher of agriculture may ask in self-evaluation after presenting a lesson in a class. (10 marks)
- b) Outline the procedure for planning an agriculture teaching farm in a school. (10 marks)

**QUESTION THREE (20 MARKS)**

- a) Describe any five approaches to practical instruction in agriculture in a School. (10 marks)
- b) Explain five strategies of what would be considered as good teaching in an agriculture class. (10 marks)

**QUESTION FOUR (20 MARKS)**

- a) With reference to the Secondary School Agriculture Syllabus, justify any five reasons why the subject should be taught in Schools. (10 marks)
- b) Explain any five reasons for evaluating learning? (10 marks)

**QUESTION FIVE (20 MARKS)**

- a) Explain any five reasons why Experience- Based Learning would be recommended. (10 marks)
- b) Explain any five desirable teacher abilities in teaching. (10 marks)