



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF EDUCATION

DEPARTMENT OF COMMUNICATION TECHNOLOGY

DECEMBER SESSION EXAMINATION FOR

BACHELOR EDUCATION (SCIENCE)

ECT 330: AGRICULTURE METHODS

DATE: 23/4/2019

TIME: 11:00 – 1:00 PM

INSTRUCTIONS:

Answer question ONE and any other TWO questions in this paper

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Highlight **five** problems facing the teaching of agriculture in secondary schools and how each problem could be solved. (10 marks)
- b) Explain **five** administrative responsibilities, and **five** professional responsibilities of the agriculture teacher in a secondary school setting (10 marks)
- c) Discuss **ten objectives** of teaching agriculture in Kenyan secondary schools (10 marks)

QUESTION TWO (20 MARKS)

- a) Explain **five** methods of acquiring agriculture teaching/learning resources (10 marks)
- b) Explain the criteria used in selecting and utilizing agriculture teaching /learning facilities (10 marks)

QUESTION THREE (20 MARKS)

- a) Explain stepwise, **five** ways of planning the school farm for use in reinforcing classroom teaching of agriculture subject (10 marks)
- b) Describe the criteria of selecting crops to be planted in a demonstration plot. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss **five** methodologies of teaching agriculture (10 marks)
- b) Explain **five** limitations of using projects in facilitating agriculture skills and knowledge (10 marks)

QUESTION FIVE (20 MARKS)

- a) Explain **five** features of the syllabus (10 marks)
- b) Discuss the principles used in translating syllabus into a teaching materials (10 marks)