



MACHAKOS UNIVERSITY

University Examinations for 2016/2017

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

THIRD YEAR APRIL SESSION EXAMINATION FOR BACHELOR OF EDUCATION
(SCIENCE)

ECT 330: TEACHING METHODS IN AGRICULTURE.

DATE: SCHOOLBASED

TIME:

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) i Define the term 'objective' in relevance to agriculture learning (2 marks)
- ii Explain **twelve** general objectives of secondary school agriculture in Kenya (12 marks)
- b) i Explain **four** aspects by which learning objectives facilitate effective learning of agriculture? (4 marks)
- ii Discuss **six** problems faced by the agriculture teachers in facilitating the learning of agriculture in secondary schools (12 marks)

QUESTION TWO (20 MARKS)

- a) State **five** administrative and **five** professional responsibilities of an agriculture teacher (10 marks)
- b) Explain **five** qualities of an agriculture teacher (10 marks)

QUESTION THREE (20 MARKS)

- a) Explain **five** characteristics of an effective teaching / learning resources. (10 marks)
- b) Explain **five** methods of selecting and utilizing resources in teaching agriculture (10 marks)

QUESTION FOUR (20 MARKS)

- a) Explain **four** principles used to translate agricultural education syllabus into a teaching material (8 marks)
- b) Explain **seven** importance's of lesson planning to a teacher (7 marks)
- c) Explain **five** points considered in scheming an agriculture lesson (5 marks)