



# MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examinations 2015/2016

SCHOOL OF AGRICULTURE AND ENVIRONMENTAL SCIENCE

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES  
MANAGEMENT

FIRST SEMESTER EXAMINATION FOR DEGREE IN BACHELOR OF SCIENCE  
IN AGRICULTURAL EDUCATION AND EXTENSION

ECT 201: INSTRUCTIONAL METHODS

Date:

Time:

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## INSTRUCTIONS;

- i. Answer Question ONE and ANY other Two Questions
- ii. Do not write on the question paper.
- iii. Mobile phones, computers and apple pads are not permitted in the examination rooms.

## SECTION A COMPULSORY 30MKS

### QUESTION ONE

a)

- i) Explain any four reasons why teaching is an art. (6 marks)
- ii) Explain four approaches which an agriculture teacher may adopt in order to promote effective teaching and learning. (6 marks)
- iii) Explain four reasons why the principle of inquiry is appropriate in classroom instruction (6 marks)

b)

- i) Explain any four ways in which school climate may promote teaching and learning in a school. (6 marks)
- ii) Explain four reasons for evaluating agricultural instruction in a school. (6 marks)

**SECTION B: ANSWER ANY TWO QUESTIONS ( 40 MARKS)**

**QUESTION TWO**

- a) Explain five approaches to practical instruction of agriculture in a secondary school. (10 marks)
- b) Differentiate between experimental learners and theorizing learners. (10 marks)

**QUESTION THREE**

- a) Explain any five outstanding qualities of a good instructor. (10 marks)
- b) Explain any five characteristics of learning (10 marks)

**QUESTION FOUR**

- a) Explain five ways in which meeting the farmers needs may promote learning. (10 marks)
- b) Explain ways in which reinforcing correct behavior leads to effective learning. (10 marks)

**QUESTION FIVE**

- a) Explain the features of progressive and democratic approaches to teaching. (10 marks)
- b) Explain any five teacher related factors that may influence the classroom learning atmosphere. (10 marks)