



MACHAKOS UNIVERSITY

University Examinations for 2016/2017 Academic Year

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

SECOND YEAR FIRST SEMESTER EXAMINATION FOR DIPLOMA IN

AGRICULTURAL EDUCATION AND EXTENSION

SPECIAL EXAMINATION

EAG 0224: PRINCIPLES OF TEACHING AND LEARNING AGRICULTURE

DATE: 31/8/2017

TIME: 2:00 – 4:00 PM

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 30 MARKS

QUESTION ONE

- a)
 - i) Explain any four conditions of learning. (6 marks)
 - ii) Explain four qualities of a good instructor in agriculture. (6 marks)
 - iii) Explain four ways in which the principle of motivation may facilitate learning. (6 marks)
- b)
 - i) Explain any four objectives of agricultural education of instruction in schools (6 marks)
 - ii) Explain four reasons why a teacher of agriculture should know his/her students. (6 marks)

SECTION B ANSWER ANY TWO QUESTIONS 40 MARKS

QUESTION TWO

- a) Explain any five ways in which field visits can be used in promoting instruction in agriculture in a secondary school. (10 marks)

- b) Outline the attributes of a teacher of agriculture. (10 marks)

QUESTION THREE

Explain the conditions that promote learning. (20 marks)

QUESTION FOUR

- a) Explain five ways in which an extension officer may promote learning to a group of farmers (10 marks)
- b) Explain reasons why a student in a class should have correct behavior in class. (10 marks)

QUESTION FIVE

Explain the differences between authoritative and democratic approaches to teaching. (20 marks)