



MACHAKOS UNIVERSITY

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

Year Two: Semester One SUPPLEMENTARY/SPECIAL Examination for the Degree Bachelor of Science in Agricultural Education and Extension 2018/2019 Academic Year

AEE 221 PRINCIPLES OF TEACHING AND LEARNING AGRICULTURE

Date: _____ **Time:** _____

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 two ways in which the objective to demonstrate that agriculture is a profitable and dignified occupation can be implemented in a school (3mks)*
- ii) Explain two reasons why the principle of readiness is considered essential in facilitating learning. (3mks)*
- iii) Give a reason why the society expects a teacher to be of good moral conduct, (2marks)*
- iii) Give a way in which the principle of rewarding or reinforcing behavior to a student is essential in teaching. (2mks)*

b)

- i) Explain why a learner should master creative ability in a learning situation. (2mks)*
- ii) Explain any four reasons why teaching is an art. (4 mks)*

iii) Explain two situations which create a barrier in the learning process **(4mks)**

c)

i) Explain any two ways in which learning may be promoted when teaching adults in extension **(4mks)**

ii) Give a reason why experiential knowledge should be promoted in the teaching of agriculture. **(2mks)**

iii) Differentiate between reflective and theorizing learners **(4mks)**

SECTION B Answer Any Two Questions 40 MKS

Question Two

a) Explain any five advantages of methodology course for teachers of agriculture. **(10mks)**

b) Explain any five attributes expected from a teacher of agriculture. **(10mks)**

Question Three

a) Explain any five outstanding qualities of a good instructor. **(10mks)**

b) Explain any five characteristics of learning. **(10mks)**

Question Four

Explain the approaches to practical teaching of agriculture in secondary schools. **(20mks)**

Question Five

a) Explain any five vocational agriculture objectives which have promoted the teaching of agriculture in schools. **(10mks)**

b) Explain any five ways in which an agricultural extension officer may stimulate the farmers interest in learning agricultural skills. **(10mks)**
