



UNIVERSITY EXAMINATIONS 2012/2013 ACADEMIC YEAR

INSTITUTIONAL BASED PROGRAMME

3RD YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF
EDUCATION (SCIENCE)

COURSE CODE/TITLE: ECT 330: SUBJECT METHODS
(AGRICULTURE)

END OF SEMESTER:II

DURATION: 3 HOURS

DAY/TIME:.....

DATE:.....

INSTRUCTIONS

1. Answer question **ONE (COMPULSORY)** and any other **THREE** questions.
2. Figures in parentheses represent the maximum marks to be attained per question.

Question One

- a) Describe phase II of the history of agricultural education in secondary schools in Kenya under the following sub-headings.
 - i) Schools involved. (1 mark)
 - ii) Years involved. (1 mark)
 - iii) Source of funding. (1 mark)
 - iv) Activities funded. (2 marks)
- b) State five professional responsibilities of a secondary school agriculture teacher. (5 marks)
- c) Outline **five** qualities of a agriculture teacher that may contribute to effective teaching of the subject. (5 marks)

- d) Explain five ways in which an agriculture teacher would source for teaching/learning resources. (5 marks)
- e) State five ways in which the school farm would benefit the local farming community. (5 marks)

Question Two

Explain **five** safety precautions that agriculture students, teachers and other workers on the school farm should take to make the farm an effective “**teaching laboratory**”

(15 marks)

Question Three

- a) Analyze how the agriculture teacher should structure the “**presentation phase**” during organization of an agriculture practical lesson. (15 marks)

Question Four

- a) Describe five principles a curriculum developer would apply to translate the agriculture syllabus into a teaching material. (10 marks)
- b) Outline five forms of assignment that the agriculture teacher would give to students. (5 marks)

Question Five

- a) Describe five objectives of young farmers clubs of Kenya (YFCK) in relation to secondary school agriculture. (10 marks)
- b) Suggest five ways in which low YFCK membership can be addressed in an effort to maintain a stable membership to the YFCK movement in Secondary schools in Kenya. (5 marks)