



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2014/2015

DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING

SECOND SEMESTER EXAMINATION FOR POSTGRADUATE DIPLOMA IN

EDUCATION (SCIENCE)

ECT 706: SUBJECT METHODS (AGRICULTURE)

DATE: Thursday, 30th April, 2015

TIME: 2.00 p.m. – 4.00 p.m.

INSTRUCTIONS:

- Answer question **ONE (Compulsory)** and any other **TWO** questions.
- Figures in parentheses represent the maximum marks to be attained per question.

QUESTION ONE

- Explain five characteristics of effective teaching/learning resources to be used in agriculture Subject instruction. (5 marks)
- Describe five professional responsibilities of a secondary school agriculture teacher. (5 marks)
- Discuss five values of agriculture in Kenya. (5 marks)
- Suggest five solutions to the problem of lack of funds which hinders implementation of agriculture projects in schools. (5 marks)
- List in correct order five steps an agriculture teacher may use to plan for result demonstration. (5 marks)
- Outline five reasons why agriculture teachers use lesson plans instead of lesson notes when teaching the subject in schools. (5 marks)

QUESTION TWO

- a) Describe five ways in which ICT tools may be used to enhance teaching of agriculture in Kenyan secondary schools. (10 marks)
- b) Explain five benefits of the school farm to the neighboring community. (10 marks)

QUESTION THREE

- a) Outline the steps an agriculture teacher would follow when presenting a practical lesson. (10 marks)
- b) Justify why agriculture teachers use project method when teaching certain topics. (10 marks)

QUESTION FOUR

- a) Describe five principles an agriculture teacher would apply to translate the KCSE agriculture syllabus into a teaching content. (10 marks)
- b) Outline five components of the KCSE agriculture syllabus after the 2002 review. (10 marks)

QUESTION FIVE

- a) Describe five possible sources of funds to implement (Young Farmers Club) YFC programme of activities in schools. (10 marks)
- b) Suggest with examples five problems that may contribute significantly to failure of YFC activities in Secondary schools in Kenya. (10 marks)