



EMBU UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

TRIMESTER EXAMINATIONS 2013/2014

SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

TCT 301: SUBJECT METHODS; AGRICULTURE

DATE: AUGUST 15, 2014

TIME: 8.30 – 10.30AM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE

- a) Suggest how the following problems faced in teaching of agriculture in secondary schools can be overcome
- i.) Inadequate land (2 marks)
 - ii.) Lack of motivation by students (2 marks)
- b) Briefly explain four qualities of an agriculture teacher that can contribute to effective teaching (4 marks)
- c) Describe three factors to consider when selecting resources and facilities for teaching agriculture (3 marks)

- d) Highlight three factors that determine the selection of methods for teaching agriculture (3 marks)
- e) Outline three limitations of lecture method in teaching of agriculture (3 marks)
- f) Suggest three usefulness of practical work in teaching of agriculture (3 marks)
- g) Describe four characteristics of a good syllabus (4 marks)
- h) Briefly explain four objectives of Young Farmers Club (YFC) of Kenya (4 marks)
- i) Explain the meaning of
 - i.) Evaluation (1 mark)
 - ii.) Assessment (1 mark)

QUESTION TWO

- a) Briefly explain four administrative and four professional responsibilities of an agriculture teacher (8 marks)
- b) Describe six reasons why resources should be used in teaching of agriculture (6 marks)
- c) Clearly show six ways in which discussion method is useful in teaching of agriculture (6 marks)

QUESTION THREE

- a) Discuss the factors to be considered by an agricultural teacher when planning for school farm building (10 marks)
- b) Highlight six limitations of project work in teaching of agriculture (6 marks)
- c) Explain four principles to be adopted when translating a syllabus for teaching agriculture (4 marks)

QUESTION FOUR

a) Briefly explain five importance of schemes of work in teaching/learning of agriculture

(5 marks)

b) Give an account of the factors that can contribute to a good classroom atmosphere

(10 marks)

c) Briefly explain five factors to consider when buying textbooks for agriculture library

(5 marks)

QUESTION FIVE

a) Describe seven general objectives of teaching agriculture in secondary schools

(7 marks)

b) Explain the meaning of:

i.) Formative evaluation

(3 marks)

ii.) Summative Evaluation

(3 marks)

iii.) Diagnostic assessment

(3 marks)

c) Explain briefly four reasons for carrying out evaluation in teaching of agriculture

(4 marks)

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