



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF AGRICULTURAL SCIENCES

DEPARTMENT OF AGRICULTURAL EDUCATION AND EXTENSION

THIRD YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

AEE 323: SPECIAL METHODS OF TEACHING AGRICULTURE

DATE: 16/4/2019

TIME: 8:30 – 10:30 AM

INSTRUCTIONS:

- i) Answer question one and any other two questions**
- ii) Write your registration number and NOT your name on the answer booklets provided.**
- iii) Do not write or put any mark on the question paper.**
- iv) Mobile phones computers and apple pads are not permitted inside the examination rooms.**

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) One of the objectives of Secondary School agriculture is to demonstrate that farming is a dignified and profitable occupation, explain any two reasons for this objective. (4 marks)
- b) Explain any one way in which the principle of structure may contribute to effective instructional planning. (2 marks)
- c)
 - i) Differentiate between a syllabus and schemes of work. (3 marks)
 - ii) Explain any two reasons for considering the situation the situation analysis when constructing agriculture schemes of work (3 marks)
- d) Explain any four benefits of lesson planning. (6 marks)
- e) Explain any two reason why expository approach is not ideal for teaching agriculture.

- (3 marks)
- f) State any three conditions which may require a teacher of agriculture in a secondary school to use a lecture method in teaching. (3 marks)
- g) Explain any four reasons for using a field trip as a method of teaching agriculture (6 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

QUESTION TWO (20 MARKS)

- a) Explain five strategies of establishing an acceptable agriculture project in the school for teaching purposes. (10 marks)
- b) Explain any five reasons why administrators would require agriculture teaching Programme in the school to be evaluated. (10 marks)

QUESTION THREE (20 MARKS)

A teacher of agriculture planning to teach a lesson topic “Clean milk production: to a form III class choose a demonstration method.

- a) Explain any five reasons which might have influenced the teacher’s choice of the method. (10 marks)
- b) Outline the strategies which the teacher could adopt to make the demonstration more effective. (10 marks)

QUESTION FOUR (20 MARKS)

- a) Explain any five safety and precautions which a teacher of agriculture may carry out with the students while conducting a practical lesson in the school farm. (10 marks)
- b) Explain any five teacher related factors which might influence classroom learning atmosphere. (10 marks)

QUESTION FIVE (20 MARKS)

- a) Explain any five possible questions which a teacher may ask in making self evaluation of the lesson. (10 marks)
- b) Explain any five skills which may be considered when planning for lesson presentation. (10 marks)