



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**THIRD YEAR FIRST SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF EDUCATION WITH INFORMATION
TECHNOLOGY**

MAIN CAMPUS

**ECT 336: SPECIAL METHODS OF TEACHING
AGRICULTURE**

Date: 19th January, 2016

Time: 11.00 - 1.00 pm

INSTRUCTIONS:

- Answer question ONE and any other TWO questions.
- Question ONE carries 30 marks, all other questions carry 20 marks each.



Answer Question 1 and any other TWO questions

Question 1 Compulsory

You have taught the topic "Livestock Production" to your Form Two students over the last 12 lessons.

- a) Discuss two key teaching strategies you would use to teach this topic 4 mks
- b) Write three topic objectives from the cognitive domain of Bloom's Taxonomy, that would guide learning 6mks
- c) Describe in detail, three resources that would be used to teach the topic 6 mks
- d) Describe two practical activities that you would carry out to reinforce the acquisition of the theoretical concepts in this topic. 4 mks
- e) Create a 5 item continuous assessment test that you would use to evaluate learning in the topic 10mks

Question 2

- a) Justify the inclusion of Agriculture as a subject in the 8-4-4 Secondary School curriculum 5 mks
- b) After declining interest in agriculture, in the last ten years there has been an uptake of agriculture as a profession by many Kenyans. Explain why. 15 mks

Question 3

When students are in the outdoor laboratory their safety is paramount.

- a) Using examples to clarify your answer, explain the possible dangers faced by students in this situation. 5mks
- b) List five rules your outdoor laboratory would have. For EACH rule clearly indicate your reason for its inclusion. 15mks

Question 4

- a) Explain the importance of preparing a scheme of work for Agriculture at the start each school year 5 mks
- b) Prepare a two week scheme of work to teach and test the topic "Crop Production" to your Form Two class. Include at least one practical lesson. 15mks

Question 5

The final project done by agriculture students provides a link between class work and real life experiences. Design a project that your Form three students will do over the next five terms that meet the following criteria: viability, skills transfer, sustainability, income generation. 20mks