



## **MASENO UNIVERSITY**

### **UNIVERSITY EXAMINATIONS 2015/2016**

**FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE  
POST-GRADUATE DIPLOMA IN EDUCATION**

**CITY CAMPUS - SCHOOL BASED**

**ECT 532: SPECIAL METHODS OF TEACHING  
AGRICULTURE**

Date: 29<sup>th</sup> April, 2016

Time: 9.00 - 12.00 noon

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#### **INSTRUCTIONS:**

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



**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 lesson plan that would best meet the objectives you set out 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 in the schemes of work. 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