



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

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

CITY CAMPUS - SCHOOL BASED

ECT 522: SPECIAL METHODS OF TEACHING HOME
SCIENCE

Date: 25th April, 2016

Time: 2.00 - 5.00 pm

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 "Laundry agents and Detergents" to your Form Two students over the last 12 lessons.

- a) Discuss two key teaching strategies you used to teach this topic 4 mks
- b) Write three topic objectives from the cognitive domain of Bloom's Taxonomy, that guided learning 6mks
- c) Describe in detail, three resources used to teach the topic 6 mks
- d) Describe two practical activities carried 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) Discuss four goals of the Secondary School Home Science syllabus. 8mks
- b) With reference to Home Science, discuss the merits and demerits of the shift in emphasis from practical based to theoretical based applied sciences in the 8-4-4 system of education. 12mks

Question 3

When students are in the Home Science 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 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 Home Science at the start each school term. 5 mks
- b) Prepare a two week scheme of work to teach and test the topic "Basic Cookery Skills" 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