MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

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

CITY CAMPUS - SCHOOL BASED

ECT 533: SPECIAL METHODS OF TEACHING COMPUTER STUDIES

Date: 27th 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.

QUESTION ONE

a) i) "Classroom management techniques differ while teaching in a computer laboratory". Briefly explain why a computer laboratory is a more difficult place to teach in. [05 marks]

ii) Suggest plausible ways in which the difficulties above can be ameliorated. [05 marks]

b) ICT is to IT as library is to books and screen displays. Examine this assertion in the attempt to distinguish between the two concepts, citing suitable illustrations. [05 marks]

c) Briefly explain basic considerations in the selection and use of appropriate software in Computer Studies. [05 marks]

d) The main aim of secondary school education Computer Studies can be summarized as "the provision of learners with a firm foundation of computer literacy". Briefly explain the basic tenets demonstrable by a computer literate learner. __ [05 marks]

e) "Teachers should not underestimate the significance of formative evaluation in Computer Studies". Justify this preposition. [05 marks]

QUESTION TWO

The following guidelines or practices enhance effective execution of Computer Studies syllabus. Critically examine each one of them. [20 marks]

a) Basic skills

b) Practicals

c) Visit to relevant organizations

d) Self-learning

QUESTION THREE

Select a topic from the current secondary school Computer Studies syllabus and design a scheme of work to teach the topic for 1 (one) week. From the scheme of work, derive a lesson plan to teach any sub-topic there-from. [20 marks]

QUESTION FOUR

a) You have been posted to a school to teach Computer Studies. Faced with overwhelming applications or enrolment, explain the criteria that would inform your action in handling the situation.　　　　[10 marks]

b) Explain the role played by educational computing in the attainment of any 5 (five) national goals of education in Kenya.　　　　[10 marks]

QUESTION FIVE

a) Tessmer (1994) proposed 4 (four) types of formative evaluation. Identify and discuss these within the context of Computer Studies. [10 marks]

b) Discuss ways in which feedback can be made more effective after an evaluation in Computer Studies.　　　　[10 marks]