



# **MASENO UNIVERSITY**

## **UNIVERSITY EXAMINATIONS 2017/2018**

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

### **MAIN CAMPUS**

#### **ECT 334: METHODS OF TEACHING COMPUTER STUDIES**

Date: 16<sup>th</sup> February, 2018

Time: 8.30 - 11.30am

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#### **INSTRUCTIONS:**

- Answer Question ONE (Compulsory) and any other THREE.



## QUESTION ONE

- a) In line with the Sessional Paper No. 10 of 2005, briefly explain:
- i) The benefits of the ICT policy in Kenya, in relation to Computer Studies [05 marks]
  - ii) The limitations of the ICT policy in Kenya, in relation to Computer Studies [05 marks]
- b) Distinguish between formative and summative evaluation in Computer Studies. [05 marks]
- c) Classroom management techniques differ while teaching in a computer laboratory setting. Explain why a computer laboratory is a more difficult place to teach in. [05 marks]
- d) Mention any five (5) exit competences or skills a student is expected to acquire after undertaking a Computer Studies course. [05 marks]

## QUESTION TWO

You have been posted to a secondary school to teach Computer Studies. All the students from all the four (4) streams insist on enrolling for the course. What criteria would inform your decision in controlling the overwhelming applications? [15 marks]

## QUESTION THREE

In order to effectively execute Computer Studies syllabus prescriptions, certain guidelines or practices are indispensable. Identify and discuss the activities that the teacher needs to involve learners in. [15 marks]

#### **QUESTION FOUR**

Based on the topic 'Computer Systems: input devices, pointing devices, scanning devices and Central Processing Unit', design a scheme of work to teach the topic for one (1) week. From the scheme of work, derive a lesson plan to teach any sub-topic or concept there-from. [15 marks]

#### **QUESTION FIVE**

Identify any 5 goals of education and explain the role played by Computer Studies in their attainment. [15 marks]

#### **QUESTION SIX**

By use of examples, explain how a Computer Studies teacher can strike a balance between the descriptive and theoretical approaches and practical aspects. [15 marks]