



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2015/2016**

**FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE  
DEGREE OF MASTER OF EDUCATION IN EDUCATIONAL  
TECHNOLOGY**

**MAIN CAMPUS**

**ETE 802: EVOLUTION OF EDUCATIONAL TECHNOLOGY**

Date: 6<sup>th</sup> May, 2016

Time: 9.00 -12.00pm

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**INSTRUCTIONS:**

- Answer ANY FOUR Questions.

### **QUESTION ONE**

Examine the major computer applications in teaching and learning within the following contexts: [15 marks]

- i) Individualized instruction
- ii) Mass instruction

### **QUESTION TWO**

According to Ellington, Percival and Race (1993), technology of education is a systematic analysis of educational processes aimed at maximizing the effectiveness of teaching and learning. In line with this preposition, demonstrate any 5 (five) ways in which efficiency manifests itself as informed by technology optimization. [15 marks]

### **QUESTION THREE**

“Technology in education is implicit in technological devices and gadgets geared towards enhancing teaching and learning processes”. Justify this assertion as it relates to: [15 marks]

- i) Television
- ii) Radio broadcasts

### **QUESTION FOUR**

Trace the trends that characterize evolution of educational technology from the time of Sidney Pressey in the 1900s to present day. [15 marks]

### **QUESTION FIVE**

The definition of ‘Educational Technology’ as propounded by Richey (2008) subsumes the concept of ‘facilitation’. Discuss this within the context of technology integration in institutions of learning. [15 marks]

**QUESTION SIX**

Critically review the major strategies that the Kenya government should strive to adopt in order to successfully implement the ICT policy. [15 marks]