



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

**FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE  
DEGREE OF MASTER OF EDUCATION**

**CITY CAMPUS -SCHOOL BASED**

**ETE 802: EVOLUTION OF EDUCATIONAL TECHNOLOGY**

Date: 14<sup>th</sup> December, 2015

Time: 9.00 - 12.00 noon

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**INSTRUCTIONS:**

- Answer ANY THREE questions.

### QUESTION ONE

- a) Juxtapose the following concepts as used in Educational Technology, line with Ellington, Percival and Race's (1993) position: [10 marks]
- i) Technology of education
  - ii) Technology in education
- b) Discuss ways in which efficiency can manifest itself in education as product of technology infusion. [10 marks]

### QUESTION TWO

- a) Explain the significance of 'ethical practice' in Educational Technology lexicon as posited by Richey (2008). [10 marks]
- b) In what ways does the 'class dominant theory' as a sociological perspective on the role of mass media in education affect the integration of computer technology in teaching and learning in institutions of learning in Kenya? [10marks]

### QUESTION THREE

Discuss the effects of technology in education in institutions of learning, with specific reference to developing economies. [20 marks]

### QUESTION FOUR

Citing suitable illustrations, discuss the application of technology in individualized instruction. [20 marks]

**QUESTION FIVE**

Discuss the history and development educational technology from the time of Sidney Pressey's mechanical teaching machines in the 1900s. [10 marks]