



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

MAY – JULY 2016 TRIMESTER

FACULTY OF EDUCATION

DEPARTMENT OF UNDERGRADUATE STUDIES IN EDUCATION

REGULAR PROGRAMME

ED 201: EDUCATIONAL TECHNOLOGY AND MEDIA PRODUCTION

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Date: JULY 2016

Duration: 3 Hours

INSTRUCTIONS: Answer Question ONE and ANY OTHER THREE Questions

- Q1. a) Define the following terms
- i Educational technology (1 mark)
 - ii Effective communication (1 mark)
 - iii Educational media (1 mark)
 - iv Learning (1 mark)
 - v Teaching (1 mark)
- b) Briefly describe how a teacher can effectively use PowerPoint presentation in the classroom. (4 marks)
- c) Mention FOUR uses of motion pictures in the teaching / learning process. (4 marks)
- d) Highlight TWO uses of community resources to the teaching and learning process. (2 marks)
- e) State FIVE guiding principles a teacher must use in order to appropriately choose teaching media. (5 marks)
- f) Differentiate between technology as a process and technology as a product. (2 marks)
- g) List THREE roles of educational media in teaching and learning. (3 marks)

- Q2. Discuss how one can integrate social media and other forms of ICT into distance learning and teaching. **(15 marks)**
- Q3. Explain FIVE reasons why some teachers are not embracing technology in the 21st century. **(15 marks)**
- Q4. Examine any FIVE emerging technologies for teaching / learning. **(15 marks)**
- Q5. Integration of radio broadcasts presents challenges to a school's daily programme. Highlight these challenges and advise on how best a school can implement radio broadcasts as one of the educational media to enhance learning and teaching. **(15 marks)**
- Q6. a) Discuss the elements of communication process and explain how it can be applied in teaching and learning. **(6 marks)**
- b) Analyze the barriers to effective communication in teaching and learning. **(6 marks)**
- c) Justify how one can overcome the barriers to effective communication in the classroom environment. **(3 marks)**

END