

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION
ARTS**

EDCI 331: EDUCATIONAL COMMUNICATION AND TECHNOLOGY II

STREAMS: B.ED ARTS (PART TIME)

TIME: 2 HOURS

DAY/DATE: FRIDAY 06/12/2019

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer question ONE and any other TWO questions.**

1. (a) Define the following terms as used in education technology. (4 marks)

 - (i) Paralanguage
 - (ii) Virtual classroom
 - (iii) Synchronms and asynchronous e-learning
 - (iv) Multimedia

(b) Explain 5 benefits of education technology. (10 marks)

(c) List 10 challenges of technology integration in educational institutions in Kenya. (10 marks)

(d) State 6 elements of communication process. (6 marks)
2. (a) Describe 3 factors to consider when designing a media resource. (6 marks)

(b) Explain factors to consider in selecting a hardware material. (14 marks)
3. (a) What are the advantages of self-made media materials over commercial ones? (6 marks)

(b) Outline the procedure for making a pictorial resource material. (14 marks)
4. (a) The internet is an important instructional tool. Explain 5 concepts of internet Connectivity significant for classroom instruction. (10 marks)

- (b) Using one topic in one of your teaching subjects, prepare a lesson plan showing how you would integrate technology in your teaching. (10 marks)
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