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CHUKA



UNIVERSITY

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**UNIVERSITY EXAMINATIONS.**

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
EDUCATION (ARTS)**

**EDCI 331A: EDUCATIONAL COMMUNICATION AND TECHNOLOGY II**

**STREAMS: BED (ARTS) Y3S1**

**TIME: 2 HOURS**

**DAY/DATE: WEDNESDAY 5/12/2018**

**8.30 A.M - 10.30 A.M**

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**INSTRUCTIONS:**

- **Answer Question ONE and any other THREE Questions**
- **Do not write anything on the Question Paper**

**QUESTION ONE: [25 MARKS]**

- (a) Discuss four characteristics of a good teaching aid. [4 Marks]
- (b) Give three reasons why a teacher may not optimize the use of a resource centre in a learning institution. [3 Marks]
- (c) Explain the following terms in WEB CAP 2.0 [4 Marks]
- Blog
  - Prod casts
- (d) Discuss three characteristics of multimedia systems. [6 Marks]
- (e) Explain three factors that determine the academic use of new technologies. [6 Marks]
- (f) What is non-verbal communication? [2 Marks]

**QUESTION TWO: [15 MARKS]**

- (a) Discuss the managerial functions of a manager in a learning resource centre. [12 Marks]
- (b) How would you deal with teachers resistance to use the resource centres? [3 Marks]

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**QUESTION THREE: [15 MARKS]**

Give an account on how TPACK functions. [15 Marks]

**QUESTION THREE: [15 MARKS]**

(a) Discuss the challenges of using digital content in a class. [5 Mark]

(b) Describe the components of preparing and educational project proposal [10 Marks]

**QUESTION FIVE: [15 MARKS]**

(a) Discuss the scope of educational technology. [5 Marks]

(b) Discuss the principles which guide use of technology in learning. [10 Marks]

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