

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

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

**ECDE 331: METHODS OF TEACHING ECDE MATHEMATICS**

**STREAMS: BED (ECDE)**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 04/12/2018**

**8.30 A.M. – 10.30 A.M.**

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**INSTRUCTIONS:**

- **Answer question one and any other two from 2, 3 and 4.**
- **Do not write on the question paper.**

- (a) Discuss any five objectives of ECDE mathematics. (10 marks)
  - (b) Analyze the role of ECDE mathematics teacher. (10 marks)
  - (c) Explain the major considerations in developing teaching and learning materials for ECDE. (10 marks)
- (a) Discuss evaluation of mathematics in an ECDE class. (10 marks)
  - (b) Explain the main strands in ECDE mathematics. (10 marks)
- (a) Discuss schemes of work under the following headings.
    - (i) Definition of scheme of work. (5 marks)
    - (ii) Importance of scheme of work (5 marks)
    - (iii) Components of scheme of work (5 marks)
  - (b) Analyse the major components of a lesson plan for ECDE mathematics. (5 marks)
- (a) Analyse the major principles that guide the teaching of ECDE mathematics. (10 marks)

- (b) (i) Discuss TWO major teaching approaches recommended for ECDE.  
(10 marks)
  - (ii) Highlight the main activities in teaching number value to young learners.  
(6 marks)
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