

CHUKA

UNIVERSITY



UNIVERSITY EXAMINATIONS

EMBU CAMPUS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
EDUCATION IN EARLY CHILDHOOD DEVELOPMENT**

ECDE 331: METHODS OF TEACHING ECDE MATHEMATICS

STREAMS: ECDE (Y3S1) (P/T)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 07/08/2024

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS

- **Answer question one and any other two questions**
 - **Do not write on the question paper**
1. a) Explain five objectives of teaching mathematics in ECDE. (5 marks)
b) Discuss five considerations that a teacher should take when providing mathematical experiences to young children. (10 marks)
c) When teaching mathematical concepts to ECDE learners, it is important that the teacher utilizes teaching and learning materials. Discuss (10 marks)
d) Explain FIVE importance of planning for teaching of mathematics. (5 marks)
 2. a) Analyze five principles that guide the teaching of mathematics in ECDE. (10 marks)
b) Describe five documents used by Mathematics teachers in planning for instruction. (10 marks)
 3. a) Describe five instructional strategies that could be used I teaching ECDE Mathematics. (10 marks)
b) Explain five importance of mathematics in life. (10 marks)

4. a) Giving relevant examples, discuss five components of a scheme of work for mathematics. (10 marks)
- b) Discuss five challenges encountered by ECDE Mathematics teachers. (10 marks)
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