
CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION
(ARTS AND SCIENCE)**

EDCI 331: MATHEMATICS SUBJECT METHODS

STREAMS: B.ED (ARTS & SCI)

TIME: 2 HOURS

DAY/DATE: FRIDAY 17/04/2020

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- **Answer question ONE and any other TWO.**
- **Do not write on this question paper.**

1. (a) State five (5) objectives of teaching mathematics in secondary schools in Kenya. (5 marks)
(b) Highlight on the importance of micro-teaching to a teacher trainee. (10 marks)
(c) Explain five (5) questioning techniques that a teacher can use in instruction. (15 marks)
 2. Elaborate on the role of instructional materials in teaching/learning process. (20 marks)
 3. Discuss the importance of the following professional documents to the teacher
 - (a) Scheme of work (10 marks)
 - (b) Lesson plan (10 marks)
 4. Discuss the implications of Jean Piaget theory to teaching and learning of Mathematics. (20 marks)
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