

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATION  
RESIT/SUPPLEMENTARY / SPECIAL EXAMINATIONS  
EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION**

**EDCI 331: MATHEMATICS TEACHING METHODS**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: WEDNESDAY 11/08/2021**

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

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1. Explain the role of instructional resources in teaching and learning mathematics  
(20 marks)
  2. Discuss two teacher-centred methods used in mathematics instructions (20 marks)
  3. Elaborate on the significance of the following professional documents to a mathematics teacher;
    - a) Scheme of work (10 marks)
    - b) Lesson plan (10 marks)
  4. Discuss two skills that a mathematics teacher can use to present content in a mathematics lesson. (20 marks)
  5. Highlight the implications of Jerome Bruner theory in teaching and learning mathematics at secondary school level. (20 marks)
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