

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS
RESIT/SPECIAL EXAMINATION**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION
EDCI 331/332: MATHEMATICS SUBJECT METHODS**

STREAMS: B.ED

TIME: 2 HOURS

DAY/DATE: TUESDAY 02/11/2021

8.30 A.M – 10.30 A.M.

-
- 1.(a). Explain the significance of the following professional documents. (6 marks)
- i) Syllabus
 - ii) Lesson plan
 - iii) Record of work
- (b) Explain the reasons for preparing a scheme of work before teaching. (6 marks)
- (c) Examine the significance of microteaching to a teacher trainee. (8 marks)
2. Elaborate on the implications of Jerome Bruner to mathematics education. (20 marks).
3. (a) Explain four teaching skills practiced during the microteaching process. (12 marks)
- (b) Describe the step/stages in the lesson presentation. (8 marks)
4. a) Discuss the factors to consider when preparing the scheme of work. (10 marks)
- b). Elaborate on the significance of teaching and learning resources in mathematics instruction (10 marks)
5. Explain the significance of the inclusion of mathematics subject method unit in teacher trainee curriculum. (20 marks)

