



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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MAIN EXAMINATION

SEPTEMBER –DECEMBER 2021

FACULTY OF EDUCATION

DEPARTMENT OF UNDERGRADUATE STUDIES

REGULAR PROGRAMME

ED 304: SUBJECT METHODS MATHEMATICS

Date: DECEMBER2021

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and any TWO Questions

- Q1. a) Examine the importance of a lesson plan **(5 marks)**
b) Describe the factors to consider before preparing mathematics scheme of work **(5 marks)**
c) Explain the importance of local environment as a source of material for teaching aids **(5 marks)**
d) Justify why a teacher should use a brief lecture method during the Mathematics lesson **(5 marks)**
e) Outline the factors to consider when writing objectives for a mathematic lesson **(5 marks)**
f) Elaborate the significance of preparing the scheme of work before a new term begin **(5marks)**
- Q2. Analyse the interrelationship between a lesson plan, scheme of work, and a syllabus for Mathematics **(20marks)**

- Q3. Using relevant examples, examine FIVE characteristics of a chart as a teaching/learning resource **(20 marks)**
- Q4. Evaluate the significance of assessment in teaching and learning **(20 marks)**

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END