EDCI 331: MATHEMATICS SUBJECT METHODS

STREAMS: BED (ARTS & SC)   **TIME: 2 HOURS**

DAY/DATE: WEDNESDAY 07/07/2021   **2.30 P.M. – 4.30 P.M.**

INSTRUCTIONS:

- **Do not write anything on the question paper**
- **Answer question ONE and any other Two**

1. a) State the objectives of Mathematics education in the society.   (7 marks)

   b) State the reasons why students would study mathematics in Kenya.   (6 marks)

   c) Enumerate the characteristics of good teaching and learning resources. (10 marks)

   d) Explain the importance of microteaching to a student teacher.   (7 marks)

2. Discuss the implication of Piaget theory in Mathematics instruction.   (20 marks)

3. Discuss on the functions assumed by the teaching/learning materials in Mathematics instruction.   (20 marks)

4. Explain the significance of the following professional documents to a Mathematics teacher

   (a) Scheme of work   (10 marks)

   (b) Lesson plan   (10 marks)

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