



KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

**SECOND YEAR EXAMINATION FOR THE AWARD OF THE
DEGREE OF BACHELOR OF EDUCATION
IN EARLY CHILDHOOD EDUCATION
FIRST SEMESTER, 2021/2022
(FEBRUARY - JUNE, 2022)**

ECDE 214: MATHEMATICS ACTIVITIES FOR ECDE

STREAM: Y2 S1

TIME: 2 HOURS

DAY: WEDNESDAY, 9:00 – 11:00 A.M.

DATE: 18/05/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.*
- 2. Answer Question ONE [Compulsory] and any other TWO Questions.*

QUESTION ONE (30 MARKS)

- Describe any five objectives of teaching mathematics for ECDE [10 marks]
- Explain five areas that should be taught in measurement in mathematics for ECDE [10 marks]
- Describe the nature and scope of mathematics for ECDE [10 marks]

QUESTION TWO (20 MARKS)

- Describe the stages of cognitive development in mathematics [10 marks]
- Explain the implications of the theories in mathematics [10 marks]

QUESTION THREE (20 MARKS)

- Discuss the activities for number counting [10 marks]
- Explain any five activities in shaping numerals [10 marks]

QUESTION FOUR (20 MARKS)

a) Discuss the activities for space

[10 marks]

b) List the activities for geometry

[10 marks]