

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EMBU CAMPUS

**EXAMINATION FOR THE AWARD OF DIPLOMA IN EARLY CHILDHOOD
EDUCATION AND DEVELOPMENT**

ECDE 0234: SCIENCE AND ENVIRONMENTAL EDUCATION

STREAMS:

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 12/04/2023

2.30 P.M – 4.30 P.M

INSTRUCTIONS:

Answer question one and any other two questions

Do not write anything on the question paper

1. (a) Briefly explain five uses of plants that an ECDE teacher would teach during instructional process. [10 marks]
(b) Describe scientific skills that children develop during science and environmental instructional process. [8 marks]
(c) State four roles of a pre school teacher during instruction. [4 marks]
2. (a) Briefly describe five activities that can promote development of science skills among preschool children. [10 marks]
(b) Discuss the characteristics of African indigenous science. [10 marks]
3. (a) As a pre school teacher trainee, briefly how you can nurture curiosity in young children. [10 marks]
(b) Briefly discuss the importance of play and learning during science and environmental instruction. [10 marks]
4. (a) Explain methods of teaching science and environmental activity in ECDE. [10 marks]

(b) Explain five qualities of an effective science teaching among preschool children.

[10 marks]

