
CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

IGEMBE CAMPUS

**EXAMINATION FOR THE AWARD OF
CERTIFICATE IN EARLY CHILDHOOD DEVELOPMENT**

ECDE 00139: SCIENCE AND ENVIRONMENTAL STUDIES

STREAM: CERTIFICATE ECDE

TIME: 2 HOURS

DAY/DATE: THURSDAY 9/04/2020

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- Answer Question ONE and any other Two.
- Do not write on the question paper

1. (a) Describe the characteristics of the nature of science. [6 Marks]
- (b) Explain three ways in which teachers can encourage play in teaching science to young Children. [6 Marks]
- (c) Describe five strategies that can be used to facilitate learning science activities. [5 Marks]
- (d) Describe activities that can be used to teach science stand on plants. [6 Marks]
- (e) Highlight resources for teaching science and environmental studies in ECDE. [7 Marks]
- 2(a) Explain the necessity of teaching science in early childhood. [10 Marks]
- (b) Describe the activities that promote learning of science. [10 Marks]

3. Discuss the science process skills in early childhood. [20 Marks]

4. Discuss the strands in early childhood science. [20 Marks]

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