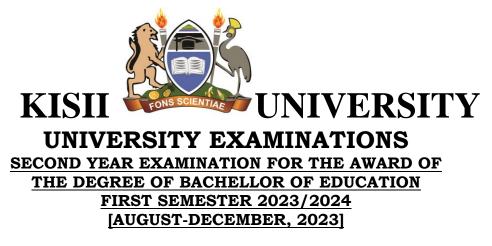
ECDE 223



ECDE 223: SCIENCE ENVIRONMENTAL EDUCATION FOR ECDE STREAM: Y2 S1 TIME: 2 HOURS

<u>DAY: MONDAY, 9.00 - 11.00 A.M.</u> <u>D</u>ATE: 27/11/2023 <u>INSTRUCTIONS</u> <u>1 Denote matching and this supervised and the supervised </u>

1.Do not write anything on this question paper. 2.Answer Questions ONE and any other TWO Questions

QUESTION 1

- a) Define the phrase 'Philosophy of Science' (1 marks)
- b) Discuss the advantages of using dynamic view to tech science in pre-schools (8 marks)
- c) Explain why it is important for Bed ECDE teacher trainees to study Science Environmental Education. (15 marks)
- d) Differentiate the following terms: first, second andthird class levers of simple machines.
 (6 Marks)

QUESTION 2

- a) Explain why it is important for ECDE teachers to use teaching and learning materials in teaching science (10 marks)
- b) Discuss five reasons why it is preferable for ECDE teachers to use dynamic view in the teaching of science in preprimary school (10 marks)

QUESTION 3

- a) Briefly describe nature of African Indigenous science. (10 marks)
- b) Discuss the significance of Piaget's theory of cognitive development in the teaching of science in pre-primary school. (10 marks)

QUESTION 4

a)	Describe ten properties of solids and indicate where each prope	rty is
	applied in our daily lives.	(10 marks)

b) Giving examples, explain any five ways in which animals depend on each other (10 marks)

QUESTION 5

a)	Discuss five advantages	of friction in	n our day to day	lives.	(10mark)
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b) Describe five characteristics of sound energy. (10 marks)