



# **KISII UNIVERSITY**

## **UNIVERSITY EXAMINATIONS**

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

#### **ECDE 327: METHODS OF TEACHING SCIENCE AND ENVIRONMENTAL EDUCATION**

**STREAM: Y3 S2**

**TIME: 2 HOURS**

**DAY:**

**DATE: 00/05/2022**

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#### **INSTRUCTIONS**

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

#### **QUESTION ONE**

- Science work is one of the best methods of teaching Environmental Education in pre-primary schools. Explain five preparations that the teacher should make before taking the learners for the science walk. (10 marks)
- Citing examples, describe five relevant aspects of food preparation that a pre-primary school cook school be knowledgeable. (10 marks)
- Explain five reasons why immunization of children in Kenya is compulsory. (10 marks)

#### **QUESTION TWO**

- State six objectives of teaching ECDE Science and Environmental Education (06 marks)

- b. Describe the scientific process of solving problems (14 Marks)

**QUESTION THREE**

- a. Explain five circumstances that can make the teachers to use models to teach environmental activities in pre-primary schools. (10 marks)
- b. Discuss five ways in which an ECDE teacher can use to assess environmental activities. (10 marks)

**QUESTION FOUR**

- a. Explain the six reasons why a scheme of work is a necessary in the teaching of environmental activities in pre-primary school. (12 marks)
- b. Learning resources are useful in the teaching and learning on Environmental Activities in pre-primary school classrooms. Describe four qualities of good learning resources. (08 marks)

**QUESTION FIVE**

- a) Explain four reasons why improvisation of ECDE Environmental Education teaching resources is necessary. (08 marks)
- b) Explain six reasons why pre-school teachers should prepare a science Lesson Plan. (12 marks)