



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)

ECDI 334: METHODS OF TEACHING BIOLOGY

STREAM: Y3 S2

TIME: 2 HOURS

DAY: THURSDAY, 12:00 – 2:00 P.M

DATE: 02/06/2022

INSTRUCTIONS

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

QUESTION ONE

- By use of named examples, explain any five contributions of Biology to the welfare of Mankind [10 marks]
- Biology teaching relies heavily on the process skills. With reference to specific examples discuss named four manual skills and their applicability in the teaching and learning of biology [8 Marks]
- Explain three factors that dictate the choice of a teaching strategy in biology [6marks]
- Lecture method is often regarded as inappropriate in teaching Biology as a Subject. Explain six suggestions on how you can improve the lecture method while teaching biology. [7marks]

QUESTION TWO

- What is a lesson plan. [2marks]
- Explain the importance of a lesson plan to a biology teacher. [12Marks]

QUESTION THREE

- a) Discuss the importance of assessment in the process of teaching and learning of biology [10 marks]
- b) Describe how you would use the following skills to enhance biology classroom instruction:
- i) Asking questions [5 marks]
 - ii) Reinforcement of learners responses [5 marks]

QUESTION FOUR

- a. Explain six considerations that a biology teacher must make when preparing a scheme of work. [6 Marks]
- b. With suitable examples, briefly explain the role of examples as used in biology classroom [5 marks]
- c. Under-which circumstance would you opt to use demonstration as a method of instruction in Biology [6 marks]
- d. Discuss the negative contribution of biological knowledge to the Kenyan society [4 Marks]

QUESTION FIVE

- a. Considering the context in which you are teaching, with suitable examples discuss the advantages of stating objectives for teaching. [10 Marks]
- b. The success of a field trip depends largely on how it is planned. Explain ten things the teacher should consider before he takes the learners to the field trip. [10 Marks]