

LAIKIPIA



UNIVERSITY

## UNIVERSITY EXAMINATIONS

**SECOND SEMESTER 2023/2024 ACADEMIC YEAR**

**FOURTH YEAR EXAMINATION FOR THE DEGREE OF  
BACHELOR OF EDUCATION (SCIENCE)**

### **ZOOL 425: ANIMAL BEHAVIOUR**

***STREAM: R***

***TIME: 2 HRS***

***DAY: MONDAY [8.30A.M – 10.30A.M]***

***DATE: 15/04/2024***

**THIS QUESTION PAPER CONSISTS OF THREE (3) PAGES**

**PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.**



**INSTRUCTIONS: Answer All Questions in Section A and TWO from Section B**

**SECTION A: ANSWER ALL QUESTIONS (40 MARKS)**

**QUESTION ONE**

State **FIVE** components of an ethogram **(5 Marks)**

**QUESTION TWO**

List **FOUR** functions of animal communication **(4 Marks)**

**QUESTION THREE**

Expound on the following terms as understood in animal behavior

a) Instinct **(3 Marks)**

b) Imprinting **(3 Marks)**

**QUESTION FOUR**

Explain three types of imprinting **(3 Marks)**

**QUESTION FIVE**

Explain the influence of evolution on animal behaviour **(3 Marks)**

**QUESTION SIX**

Explain parental care under the following sub topics

a) Maternal care **(3 Marks)**

b) Paternal care **(3 Marks)**

**QUESTION SEVEN**

Highlight **FIVE** importance of play behaviour in animals **(5 Marks)**



**QUESTION EIGHT**

Explain types Emotions in animals under the following subtopics

a) Fear (3 Marks)

b) Joy/Happiness (3 Marks)

**SECTION B: ANSWER TWO QUESTIONS (30 MARKS)**

**QUESTION NINE**

Describe methods used to study animal behaviour (15 Marks)

**QUESTION TEN**

Discuss factors that influence animal behaviour (15 Marks)

**QUESTION ELEVEN**

Describe forms of communication in animals (15 Marks)

