



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY**

**MAIN CAMPUS
MAIN EXAMINATIONS**

**UNIVERSITY EXAMINATIONS (REGULAR)
2021/2022 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER EXAMINATIONS FOR THE
DEGREE OF B.Sc. IN: FISHERIES AND AQUACULTURE, AND
ANIMAL PRODUCTION**

UNIT CODE: AAP 220

UNIT TITLE: ANIMAL BEHAVIOUR (ETHOLOGY)

DATE: 27TH APRIL, 2022

TIME: 3-5 PM

INSTRUCTIONS TO CANDIDATES

Answer ALL questions in section A and ANY TWO questions in section B

TIME: 2 Hours

Total marks=70

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

SECTION A: ANSWER ALL QUESTIONS (40 Marks)

QUESTION ONE

- a) State the ethological theory. (5 Marks)
- b) Highlight any five types of animal behavior

(5 Marks)

QUESTION TWO

Outline the advantages of a livestock farmer who has good knowledge of animal behavior (15 Marks)

QUESTION THREE

Biological rhythms and photoperiodism determine the behavior of animals in intensive livestock production systems. Examine the above statement (15 Marks)

SECTION B ANSWER ANY TWO QUESTIONS (30 Marks)

QUESTION FOUR

Pigs are rated by livestock farmers as excellent clean animals under intensive production systems, Discuss the above statement. (15 Marks)

QUESTION FIVE

Describe the behavior of a local chicken during the period of care of its chicks after hatching. Use examples. (15 Marks)

QUESTION SIX

Outline the behavior of a cow during its oestrus period (15 Marks)