



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER**

**SCHOOL OF BUSINESS AND ECONOMICS
BACHELOR OF SCIENCE IN AGRICULTURAL
ECONOMICS AND RESOURCES MANAGEMENT**

**COURSE CODE: ARE 2207
COURSE TITLE: ANIMAL PRODUCTION**

DATE: 16TH APRIL, 2019

TIME: 0830 - 1030HRS

INSTRUCTIONS TO CANDIDATES

Question **ONE** is compulsory.
Answer any other **THREE** questions.

turn over.

This paper consists of 2 printed pages. Please

QUESTION ONE

a) Explain the concept of Animal Production.

(5 Marks)

b) Describe three mating systems under Purebreeding.

(6 Marks)

c) Describe the main steps of Embryo Transfer in farm animals. **(6**

Marks)

d) Explain why heat detection is an important livestock management tool.

(8 Marks)

QUESTION TWO

Discuss the place of Animal Production in;

a) Sustainable Agricultural Systems, **(9**

Marks)

b) Food Security. **(6**

Marks)

QUESTION THREE

Discuss the following animal nutrition concepts;

a) Nutrient requirements, **(5**

Marks)

b) Feed ration and diet, **(5**

Marks)

c) Feeding allowance. **(5**

Marks)

QUESTION FOUR

Discuss the following types of Animal Behaviours;

a) Social Behaviour, **(5**

Marks)

b) Ingestive Behaviour, **(5**

Marks)

c) Animal Communication. **(5**

Marks)

QUESTION FIVE

Explain basic principles of animal disease prevention.

(15

Marks)

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