



MAASAI MARA UNIVERSITY

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

**SCHOOL OF BUSINESS AND ECONOMICS
BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT**

COURSE CODE: AGB 2105

COURSE TITLE: PRINCIPLES OF ANIMAL PRODUCTION

DATE: 3RD DECEMBER 2018

TIME: 11.00 - 13.00P.M.

INSTRUCTIONS TO CANDIDATES

Question **ONE** is compulsory.

Answer any other **THREE** questions.

This paper consists of 2 printed pages. Please turn over.

QUESTION ONE

- a) Explain the concept of Animal Production. (5 Marks)**
- b) Describe three different schemes 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 health management that aid in animal disease prevention.

(15 Marks)

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