



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
SECOND YEAR SECOND SEMESTER**

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

COURSE CODE: ARE 2207

COURSE TITLE: ANIMAL PRODUCTION

DATE: 25TH APRIL, 2018

TIME: 1100 - 1300 HRS

INSTRUCTIONS TO CANDIDATES

Question **ONE** is compulsory.

Answer any other **THREE** questions.

- 1) a) Explain the concept of Animal Production. (3 Marks)**
- b) Explain the role of Animal Production in Food Security. (6 Marks)**
- c) Describe three different schemes under Purebreeding. (6 Marks)**
- d) Describe the main steps of Embryo Transfer in farm animals. (6 Marks)**
- e) Explain why heat detection is an important livestock management tool. (4 Marks)**
- 2) Discuss the place of Animal Production in Sustainable Agricultural Systems. (15 Marks)**
- 3) Discuss the relationships among nutrient requirements, ration, diet, and feeding allowance. (15 Marks)**
- 4) Discuss the following types of Animal Behaviours;**
- a) Social Behaviour. (5 Marks)**
- b) Ingestive Behaviour. (5 Marks)**
- c) Animal Communication. (5 Marks)**
- 5) Explain the basic principles of herd/flock health management that aid in disease prevention. (15 Marks)**

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