



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

SECOND YEAR FIRST SEMESTER

**SCHOOL OF TOURISM AND NATURAL
RESOURCES TOURISM AND HOSPITALITY
BACHELOR OF SCIENCE IN ANIMAL HEALTH
AND PRODUCTION**

COURSE CODE: AHP 3106

**COURSE TITLE: FARM STRUCTURES AND
MECHANIZATION**

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions

This paper consists of 2 printed pages. Please turn over

Answer all questions (120 MARKS)

1. a) Give the importance of fences on a farm. **(6 marks)**
b) Outline the advantages of a temporary fence. **(4 marks)**
c) Identify the different types of fences. **(5 marks)**
d) Draw a layout of a farm indicating the preferable location of gates in a farm with ten gates. **(5 marks)**
2. Explain **FIVE** factors to be considered during siting of different farm structures. **(20marks)**
3. a) Hay stores should be located near the tractor garage to ease their transport. Discuss. **(10marks)**
b) Outline the factors to be considered while designing farm structures. **(10marks)**
4. Give the risks of locating a farm alongside a busy highway. **(20marks)**
5. Discuss the ambient temperature demands of pigs indicating how you can moderate it in the animal houses. **(20marks)**
6. Highlight the appropriate construction materials for various farm structures stating their suitability. **(20 marks)**