



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR**

FOURTH YEAR FIRST SEMESTER

**SCHOOL OF NATURAL RESOURCES AND
ANIMAL SCIENCES**

**BACHELOR OF SCIENCE IN ANIMAL HEALTH
AND PRODUCTION**

COURSE CODE: 4101

COURSE TITLE: FIELD TRAINING

DATE: 13TH DECEMBER, 2019

TIME: 0830 - 1130 HRS

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions

This paper consists of 2 printed pages.

FIELD TRAINING [100 Marks]

1. Describe briefly the management approach for the following common conditions in livestock.
 - a. Foot and Mouth outbreak in a dairy farm **[10 marks]**
 - b. Myiasis in cattle **[12 Marks]**
 - c. Mange in sheep **[5 Marks]**
 - d. Overgrown hooves in donkeys **[3 Marks]**

2. Using a well labelled diagram, illustrate the anatomical peculiarity between the relationship of the mandible and the maxillae in equines. State its clinical significance. **(20 Marks)**

3. Mention common milk adulteration vices reported in Kenya. **(5 Marks)**

4. Describe briefly the method of collecting milk specimen from a mastitic udder. **(20 Marks)**

5. Name the instruments used in closed castration of bulls and discuss briefly the reason for castrating bulls. **(15 Marks)**

6. Abattoirs are diseases surveillance points. Briefly outline five zoonotic diseases detectable at a cattle abattoir, indicating the aetiologic agent for each. **(10 Marks)**