



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
FOURTH YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCES & ANIMAL
SCIENCES**

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

COURSE CODE: AHP 4103-1

COURSE TITLE: FIELDING TRAINING

DATE: 7/12/2023

TIME: 1100-1400 HRS

INSTRUCTIONS:

- (i) *Attempt ALL the questions*
- (ii) *Label your answers clearly*
- (iii) *Don't mix up answers*

DO NOT WRITE anything on the question paper

QUESTION ONE

A farm manager calls you with a complaint that her/his steer is having difficulty breathing, teeth grinding, recumbent and sudden over-distension of the left side of the abdomen. Upon clinical examination you found out that the steer is losing condition, weak, with faint ruminal movement, feeding well and dripping urine.

- I. What further questions should be asked while on the phone call with the farmer before heading out to the farm? (2 marks)
- II. What are the differential diagnosis? (3 marks)
- III. What is your tentative diagnosis? (1 mark)
- IV. Describe the common approach to prevent this case (14 marks)

QUESTION TWO

Describe management approach for the following conditions in livestock production.

- I. Tick borne diseases in a beef farm (3 marks)
- II. Lumpy skin disease outbreak in dairy farm (10 marks)
- III. Foot rot disease in a sheep farm (7 marks)

QUESTION THREE

Indicate the most appropriate sample for laboratory diagnosis and describe the laboratory results for each the following diseases.

- I. Anthrax (5 marks)
- II. Mycotic dermatitis (5 marks)
- III. Haemonchosis (5 marks)
- IV. Foot and mouth disease (5 marks)

QUESTION FOUR

A farmer in Narok comes to you with a complaint of occurrence of mucoid diarrhea among lambs, lethargy, general weakness, rough hair coat and some are found dead.

- I. List the common risk factors for the occurrence (5 Marks)
- II. Describe the control and prevention measures for internal parasite infestation in lambs (15 Marks)

QUESTION FIVE

A farmer complains of a large swelling between the eye and jaw. The cow had a good appetite, bright, alert and minimum loss of condition.

- I. What are your differential diagnosis (3 marks)?
- II. What condition may be suspected in such a case (2 Marks)?
- III. What is the recommended treatment for the condition listed above? (15 Marks)?

QUESTION SIX

A farmer calls you with a complaint that her 7 months' pregnant cow is urinating blood frequently. Clinical examination of the cow indicate that the cow is in fair body condition, active, feeding well, frank blood in urine and the animals have been grazing on rocky pasture lands.

- I. What are the differential diagnosis? (3 marks)
- II. What is your tentative diagnosis? (2 mark)
- III. Describe the approach to prevent this case (10 marks)
- IV. Describe the control measures you will put in place (5 marks)

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