



# **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 4107-1**

**COURSE TITLE: BACTERIAL, FUNGAL &  
NEONATAL DISEASES**

**DATE: 7/12/2023**

**TIME: 1430-1730 HRS**

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**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**

Discuss the impacts of enterotoxaemia in sheep production systems in arid and semi-arid areas (20 marks)

### **QUESTION TWO**

In respect of swine erysipelas disease, discuss the aetiology, transmission, clinical manifestation, diagnosis and prevention/control measures(20 marks)

### **QUESTION THREE**

- I. Describe the importance of neonatal diseases in beef cattle production system (6 marks)
- II. Highlight the importance of ringworms in a swine production system (4 marks)
- III. Discuss control and prevention measures of fungal diseases in livestock production (10 marks)

### **QUESTION FOUR**

Discuss mycotic dermatitis under the following headings

- I. Aetiology (1 mark)
- II. Clinical signs (7 marks)
- III. Diagnosis (4 marks)
- IV. Differential diagnosis (3 marks)
- V. Treatment (3 marks)
- VI. Control (2 marks)

### **QUESTION FIVE**

Describe nutritional diarrhea among calves under the following sub-headings

- I. Etiology (2 mark)
- II. Clinical signs (7 marks)
- III. Diagnosis (4 marks)
- IV. Treatment (3 marks)
- V. Control (4 marks)

### **QUESTION SIX**

Describe joint and navel ill under the following sub – heading

- I. Predisposing factors (3 marks)
- II. Clinical signs (7 marks)
- III. Diagnosis (3 marks)
- IV. Treatment (4 marks)
- V. Prevention and control (3 marks)

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