

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN  
AGRICULTURE AND BACHELOR OF SCIENCE IN FOOD SCIENCE AND  
TECHNOLOGY**

**ANHE 426/427: INTRODUCTION TO ANIMAL DISEASES**

**STREAMS: BSC AGRICULTURE & BSC FOOD SCIENCE & TECHNOLOGY**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 11/12/2018**

**2.30 P.M. – 4.30 P.M.**

**INSTRUCTIONS:**

- **Answer all questions in section A and any other two in section B**
- **Use a pencil where necessary**
- **Do not write on the question paper. All rough work must be done on the answer booklet and then crossed.**

**SECTION A (30 MARKS)**

1. State three vital parameters used in determination of health animals. (3 marks)
2. Giving examples in each case, state the categories of disease causing agents. (5 marks)
3. Distinguish between heredity and congenital diseases. (4 marks)
4. State five pertinent clinical signs of foot and mouth disease. (5 marks)
5. What is the relationship between seasonality and lumpy skin disease? (2 marks)
6. Indicate the treatment and control measures of Peste des petis ruminants. (4 marks)
7. What are the predisposing factors for Pasteurellosis. (5 marks)
8. Explain how Botulism is acquired in farm animals. (2 marks)

**SECTION B (40 MARKS)**

9. (a) Explain the best practices in the control of Rift Valley fever. (5 marks)  
(b) What is the mode of transmission of brucellosis. (5 marks)  
(c) Describe the routine farm practices that can expose animals to *Clostridium tetani*. (5 marks)  
(d) Enumerate five clinical signs of pink eye. (5 marks)
10. (a) Discuss Coccidiosis under; causes, transmission, clinical signs and control. (15 marks)  
(b) Give the damages caused by internal parasites in farm animals. (5 marks)
11. (a) State the cause, clinical picture and management of foot rot in sheep. (14 marks)  
(b) Distinguish between acute, chronic and gangrenous mastitis. (6 marks)
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