

CHUKA



UNIVERSITY

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**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DIPLOMA IN ANIMAL HEALTH AND PRODUCTION**

**ANHE 0232: BACTERIAL AND FUNGAL DISEASES**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: THURSDAY 06/12/2018**

**2.30 P.M – 4.30 P.M**

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**INSTRUCTIONS**

- **Answer all questions in section A**
- **Answer any other two questions in section B**
- **Do not write on the question paper. All rough work must be written on the same answer booklet and then crossed.**

**SECTION A: 30 MARKS**

1. Mention five production parameters necessary in examination of health. [5 marks]
2. Distinguish between morbidity, case fatality rate and population mortality rate. [6 marks]
3. Describe the clinical picture of blackleg. [6 marks]
4. Enumerate five characteristic signs of actinobacillosis. [5 marks]
5. Explain the mode of transmission of Salmonellosis in cattle. [5 marks]
6. Indicate the appropriate control measures for contagious caprine pleuropneumonia.

[3

marks]

**SECTION B (40 MARKS)**

7. Explain the pertinent observations made during general inspection of animals on disease investigations. [20 marks]
8. (a) Discuss tetanus under: cause, transmission, pathogenesis, clinical findings and control. [15 marks]  
(b) Give the cause, source of infection and control of Botulism. [5 marks]

9. (a) Discuss Johnes disease under: the causative agent, transmission, clinical signs, treatment and control. [15 marks]
- (b) Explain the pathogenesis of ring worm. [5 marks]
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