



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2019/2020

SUPPLEMENTARY/SPECIAL EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN ANIMAL HEALTH AND PRODUCTION

KAS 311: MICROBIAL DISEASE I

DATE: TUESDAY 12TH JANUARY 2021

TIME: 8.00 A.M. – 10.00 A.M.

INSTRUCTIONS

Answer ALL questions in SECTION A and ANY TWO questions in Section B

SECTION A

1. Briefly describe the clinical signs of tetanus (5 marks)
2. Briefly describe the postmortem findings of blackquarter (5 marks)
3. Briefly describe the postmortem findings of contagious bovine Pleuropneumia (5 marks)
4. Explain the differential diagnosis of dermatophilosis and explain your answer (5 marks)
5. Explain the precautions in handling a carcass in suspected case of Anthrax (5 marks)
6. Briefly describe the skin lesions caused by Norcadia infection in cattle (5 marks)
7. Explain the clinical signs of lamb dysentery (5 marks)
8. Explain the circumstances in which botulism is likely to occur in cattle (5 marks)

SECTION B

9. Discuss brucellosis under the following titles:
 - a) Causative agent (2 marks)
 - b) Diagnosis (5 marks)
 - c) Zoonotic and economic importance (8 marks)

10. Discuss the following aspects of mastitis in cattle:
- a) Causative agents (5 marks)
 - b) Predisposing factors (5 marks)
 - c) Control (5 marks)
11. Discuss the control following diseases:
- a) Anthrax (10 marks)
 - b) Hemorrhagic septicemia (5 marks)