



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2019/2020

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
IN ANIMAL PRODUCTION AND HEALTH MANAGEMENT

KAS 311: MICROBIAL DISEASES 1

DATE: FRIDAY 20TH NOVEMBER 2020

TIME: 2.00 P.M. - 4.00 P.M.

INSTRUCTIONS: Answer ALL Questions in Section A and any TWO questions
in Section B.

SECTION A: Answer ALL questions in this section

1. Describe the clinical signs of anthrax. (5 marks)
2. Outline the control methods for Anthrax (5 marks)
3. Give three (3) differential diagnoses of diarrhea in calves and explain your answer. (5 marks)
4. What are the predisposing factors for Hemorrhagic Septicaemia in cattle. (5 marks)
5. Describe the post-mortem signs of pullorum disease in poultry. (5 marks)
6. Describe the clinical signs of tetanus. (5 marks)
7. Describe the control of campylobacteriosis. (5 marks)
8. Describe the clinical signs of contagious bovine pleuropneumonia. (5 marks)

SECTION B: Answer any TWO questions in this section

9. Describe the clinical signs and control of brucellosis in animals and humans. (15 marks)
10. Discuss the causative agents, clinical signs and economic importance of bovine mastitis. (15 marks)
11. Describe Blackquarter in cattle under the following subtitles:
 - (a) Clinical signs (5 marks)
 - (b) Post-mortem signs (5 marks)
 - (c) Control (5 marks)