



KENYATTA UNIVERSITY

SUPPLEMENTARY/SPECIAL EXAMINATION 2020/2021

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

KAS 410: MICROBIAL DISEASES II

OCTOBER, 2021

TIME: 2 HOURS

INSTRUCTIONS:

Answer **ALL** questions in **Section A** and **ANY TWO** questions in **Section B**.

SECTION A (40 MARKS)

1. Briefly describe bovine tuberculin test. (5 marks)
2. Describe the causative agent and clinical signs of Glanders. (5 marks)
3. Explain the transmission leptospirosis. (5 marks)
4. Describe the clinical signs of melioidosis. (5 marks)
5. Describe the clinical signs of actinobacillosis. (5 marks)
6. Explain the post-mortem findings of colibacillosis in poultry. (5 marks)
7. Outline the clinical signs of actinobacillosis. (5 marks)
8. Explain the transmission of caseous lymphadenitis. (5 marks)

SECTION B (30 MARKS)

9. Discuss salmonellosis in calves under the following sub-titles: (15 marks)
 - (a) Clinical signs
 - (b) Postmortem signs
 - (c) Control
10. Discuss the causative agents, clinical signs and economic importance of foot rot in cattle. (15 marks)
11. Discuss the clinical, post-mortem signs and control of contagious bovine pleuropneumonia. (15 marks)