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UNIVERSITY EXAMINATIONS

RESIT/SPECIAL EXAMINATION

EXAMINATION FOR THE AWARD OF CERTIFICATE IN ANIMAL HEALTH
AND PRODUCTION

ANHE 00134: MICROBIAL DISEASES

STREAMS: CERT.

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 30/08/2023

2.30 P.M – 4.30 P.M.

Instructions

1. Answer all questions in section A and any other two in section B
2. Use a pencil where necessary

SECTION A (40 MARKS)

1. Distinguish between zoonoses and notifiable disease (4 marks)
2. State the clinical picture of brucellosis in pigs (5 marks)
3. Prescribe the treatment for heart water (2 marks)
4. Discuss actinomycosis (10 marks)
5. Describe the mode of transmission of rabies indicating why there is a global world rabies day celebrations (5 marks)
6. What is the economic importance of sheep and goat pox (4 marks)

SECTION B (30 MARKS)

7. a) Give reasons why a cadaver would be suspect of anthrax and explain the appropriate ways of handling it. (10 marks)
- b) Briefly outline the pathogenesis of ringworm (5 marks)
8. Mithiru dairy farmers complains that they are short of replacement heifers because the calves die very early in life.

a) State five probable causes of calf deaths (5 marks)

b) Discuss one common bacterial condition that could contribute to (a) above
(10 marks)

9. The workman in the University dairy farm reports a case of limping cow, and on close examination there was foul smell on the affected site:

a) State five differentials for this observation (5 marks)

b) Using one example in (a) above, discuss the cause, distribution, clinical signs,
transmission and treatment regime (10 marks)
