



UNIVERSITY OF ESWATINI

2nd SEM. 2019/2020

FINAL EXAMINATION PAPER

PROGRAMME: B.Sc. AGRICULTURAL EDUCATION YEAR 4, B.Sc. AGRICULTURAL EXTENSION YEAR 4, B.Sc. ANIMAL SCIENCE YEAR 4 AND B.Sc. ANIMAL SCIENCE (DAIRY OPTION) YEAR 4

COURSE CODE: ASC406

TITLE OF PAPER: ANIMAL HEALTH

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ONLY FOUR (4) QUESTIONS

DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE CHIEF INVIGILATOR

QUESTION 1

- a) Describe chemoprophylaxis and give five (5) examples. (15 Marks)
- b) Copy Table 1 onto your answer script and Fill up the Blank spaces. (10 Marks)

Table 1

Disease	Babesiosis	Anaplasmosis
Pathognomonic signs		
General Signs		

QUESTION 2

List five (5) specific clinical signs of the following diseases;

- i) Rabies in a dog. (5 Marks)
- ii) Lumpy skin disease. (5 Marks)
- iii) Newcastle disease in chickens. (5 Marks)
- iv) Pig Scours. (5 Marks)
- v) Heartwater. (5 Marks)

QUESTION 3

- a) Define antimicrobial resistance. (5 Marks)
- b) List the factors that promote Antimicrobial resistance in farm animals. (10 Marks)
- c) Copy Table 2 onto your answer script and Fill up the Blank spaces. (10 Marks)

Table 2

	Live vaccine	Dead vaccine
Advantages		
Disadvantages		

QUESTION 4

Write short notes on the following;

- i) Dystocia. (5 Marks)
- ii) Diarrhoea. (5 Marks)
- iii) Secondary bacteria infection. (5 Marks)
- iv) Enzootic stability. (5 Marks)
- v) Bloat in cattle. (5 Marks)

QUESTION 5

Name the causative agent and control measures for the following;

- i) Anthrax. (5 Marks)
- ii) Bovine babesiosis. (5 Marks)
- iii) Brucellosis. (5 Marks)
- iv) Rift Valley fever. (5 Marks)
- v) FMD. (5 Marks)