



UNIVERSITY OF SWAZILAND

2nd SEM. 2016/2017

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME: B.Sc. AGRICULTURAL EDUCATION YEAR 3, B.Sc. ANIMAL SCIENCE YEAR 3 AND B.Sc. ANIMAL SCIENCE (DAIRY OPTION) YEAR 3

COURSE CODE: AS 302

TITLE OF PAPER: ANIMAL HEALTH

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER FOUR (4) QUESTIONS

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QUESTION 1

- a) List the common causes of poisoning in livestock. **(10 Marks)**
- b) List the most common clinical signs of poisoning in cattle. **(10 Marks)**
- c) List and explain briefly how to prevent poisoning in cattle. **(5 Marks)**

QUESTION 2

Describe the clinical signs of the following diseases:

- (i) Clostridium botulinum infection in cattle. **(5 Marks)**
- (ii) Bovine Anaplasmosis. **(5 Marks)**
- iii) Newcastle disease. **(5 Marks)**
- iv) Milk fever. **(5 Marks)**
- v) Heartwater. **(5 Marks)**

QUESTION 3

Explain the following, giving examples:

- (a) Vaccines. **(5 Marks)**
- (b) Secondary bacterial infection. **(5 Marks)**
- (c) Infectivity and virulence. **(15 Marks)**

QUESTION 4

Rabies is an endemic problem in Swaziland. Describe the conventional control measures for this disease. What are the challenges being faced by the Veterinary department in controlling this disease?

(25 Marks)

QUESTION 5:

Describe, giving examples why it is important to control veterinary drugs in the country.

(25 Marks)