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UNIVERSITY OF SWAZILAND

2<sup>nd</sup> SEM. 2013/2014

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 ANY FOUR QUESTIONS

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

**QUESTION ONE**

- (a) Describe four (4) causes and four (4) control measures of infectious diseases, give examples. (8 Marks)
- (b) Describe bovine anaplasmosis under the following headings-
  - i. Cause (2 Marks)
  - ii. Transmission (2 Marks)
  - iii. Two (2) clinical signs (4 Marks)
  - iv. Treatment (4 Marks)
- (c) Describe two (2) predisposing factors, and control measures for neonatal calf diarrhea (5 Marks)

**QUESTION TWO**

Describe the cause, predisposing factors and control measures of the following diseases/conditions;

- i. Colibacillosis (8 Marks)
- ii. Dietetic scours (8 Marks)
- iii. Piglet anaemia (9 Marks)

**QUESTION THREE**

- (a) List the four major infectious causes of poor reproductive performance in cattle and their control / preventive measures. (10 Marks)
- (b) Describe the control measure of Mastitis at a dairy farm. (5 Marks)
- (c) Describe the control measures of Foot and Mouth Disease in Swaziland. (10 Marks)

**QUESTION FOUR**

Write short notes on:

- (a) Causes of lameness in feedlot cattle (5 Marks)
- (b) Clinical signs of Rabies in a dog (5 Marks)
- (c) Bovine Tuberculosis (5 Marks)
- (d) Dipping of cattle in Swaziland. (5 Marks)
- (e) Clinical signs of Lumpy Skin Disease. (5 Marks)

**QUESTION FIVE**

List five (5) clinical signs on each of the following diseases

- (a) Heartwater (5 Marks)
- (b) Dermatophilosis (5 Marks)
- (c) African Swine Fever (5 Marks)
- (d) Newcastle (5 Marks)
- (e) Tetanus in sheep (5 Marks)