



UNIVERSITY OF SWAZILAND

2nd SEM. 2014/2015

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**Write short Notes on:**

- a) The Swaziland Livestock Identification and Traceability System (SLITS). (15 Marks)
- b) The predisposing causes to infectious diseases. (10 Marks)

QUESTION 2

Describe the clinical signs of the following diseases:

- (i) Clostridium chauvoei infection in cattle. (5 Marks)
- (ii) Bovine Anaplasmosis. (5 Marks)
- iii) Newcastle disease. (5 Marks)
- iv) Pig Scours. (5 Marks)
- v) Heartwater. (5 Marks)

QUESTION 3

Explain the following, giving examples:

- (a) Zoonotic disease. (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)