



**UNIVERSITY OF ESWATINI**

**2nd SEM. 2019/2020**

**RE-SIT 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 FOUR (4) QUESTIONS

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

**QUESTION 1**

**Write short Notes on;**

- a) The Swaziland Livestock Identification and Traceability System (SLITS). **(15 Marks)**
- b) Predisposing factors to infectious diseases in animals. **(10 Marks)**

**QUESTION 2**

- a) Define a quarantine area. **(5 Marks)**
- b) Briefly describe the types of quarantines. **(10 Marks)**
- c) Explain all the requirements of a quarantine area. **(10 Marks)**

**QUESTION 3**

Explain the following, giving examples;

- a) Zoonotic disease. **(5 Marks)**
- b) Secondary bacterial infection. **(5 Marks)**
- c) Types of vaccines. **(10 Marks)**
- d) Common reasons for failure of vaccination/immunization? **(5 Marks)**

**QUESTION 4**

Rabies is an endemic problem in Eswatini. Describe the conventional control measures for this disease. What are the challenges being faced by the Department of Veterinary and Livestock Services in controlling this disease? **(25 Marks)**

**QUESTION 5:**

Discuss the reasons for the control of veterinary drugs in Eswatini. Briefly outline the monitoring program country wide. **(25 Marks)**