



2nd SEMESTER 2010/2011

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**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

PROGRAMME : AgED 3 & AniSci 3

COURSE CODE : AS 302

TITLE OF PAPER : ANIMAL HEALTH

TIME ALLOWED : TWO HOURS

INSTRUCTIONS : ANSWER ANY FOUR QUESTIONS

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

QUESTION ONE

Compare between:

- a) Active immunity and Passive immunity (5 Marks)
- b) True and Incubatory carrier (5 Marks)
- c) One host ticks and Three host ticks (5 Marks)
- d) Bacterial Exotoxins and Endotoxins (5 Marks)
- e) Taenia saginata and Taenia solium (5 Marks)

QUESTION TWO

Draw and label the life cycle of the following parasites:

- a) Fasciola gigantica (5 Marks)
- b) Anaplasma (5 Marks)
- c) Babesia (5 Marks)
- d) Ascaris (5 Marks)
- e) Trypanosomes (5 Marks)

QUESTION THREE

Write on:

- a) Advantage of live vaccines (5 Marks)
- b) Barrier (5 Marks)
- c) Vector control (5 Marks)
- d) Factors affecting the occurrence of myiasis in sheep (5 Marks)
- e) Hatchery hygiene (5 Marks)

QUESTION FOUR

List the clinical signs of the following diseases:

- a) Fowl Pox (5 Marks)
- b) Foot and mouth disease (FMD) (5 Marks)
- c) Calf Pneumonia (5 Marks)
- d) Lumpy skin disease (5 Marks)
- e) African Swine Fever (ASF) (5 Marks)

QUESTION FIVE

Describe the general routine measures to be applied to control the occurrence of the following diseases:

- a) Anthrax (5 Marks)
- b) Gumboro disease (5 Marks)
- c) Mastitis (5 Marks)
- d) Fowl Typhoid (5 Marks)
- f) Piglet Anaemia (5 Marks)