## UNIVERSITY OF SWAZILAND
## FINAL EXAMINATION PAPER

PROGRAMME          :     DIPLOMA IN AGRICULTURE YEAR II AND
                        AGRICULTURAL EDUCATION YEAR II

COURSE CODE        :     APH 204

TITLE OF PAPER     :     INTRODUCTION TO ANIMAL HEALTH
AND
                        HYGIENE

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

a.  Give an account of the sources for the causal agents of infectious diseases of farm animals and then describe how these causal agents are spread or transmitted among these animals.                                          (15 Marks)

b.  Explain how the factors involving the host influence the occurrence of infectious diseases among farm animals.                                          (10 Marks)

## QUESTION TWO

Explain how you would calibrate a newly constructed dip tank to a capacity of 15000 litres and how you would use this dip tank to carry out thee first and subsequent head count type of dipping.                                          (25 Marks)

## QUESTION THREE

a.  Give an account of the importance of the disease condition mastitis in beef and dairy cattle industry.                                          (5 Marks)

b.  Describe how the disease condition mastitis is spread and controlled among cattle on a large dairy farm.                                          (20 Marks)

## QUESTION FOUR

Devise routine control measures to be carried out on a large poultry hatchery that supplies day old chicks to poultry farms. .                                          (25 Marks)

## QUESTION FIVE

Describe the routine control measures you would use to control most prevalent bacterial and viral diseases of cattle in Southern Africa.                                          (25 Marks)

## QUESTION SIX

Give an account of the reasons why animal diseases must be controlled in Southern Africa.                                          (25 Marks)