



UNIVERSITY OF SWAZILAND

2nd SEM. 2014/2015

FINAL EXAMINATION PAPER

PROGRAMME: B.Sc. AGRICULTURAL EDUCATION YEAR 4
B.Sc. ANIMAL SCIENCE YEAR 4
B.Sc. AGRICULTURAL & BIOSYSTEMS ENGINEERING
YEAR 4

COURSE CODE: AS 401

TITLE OF PAPER: APICULTURE

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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

QUESTION 1

Discuss how bee biology enhances commercial beekeeping . **(25 Marks)**

QUESTION 2

(a) In a location of your choice in Swaziland, discuss how you would set up an apiary. **(15 marks)**

(b) Draw up a cash flow budget for the first year of production. **(10 marks)**

QUESTION 3

Using appropriate illustrations, differentiate bee dances. **(25 Marks)**

QUESTION 4

Write an essay on the 'The internal and external inspection of a hive.' **(25 marks)**

QUESTION 5

Discuss the Cape bee and outline its economic importance in beekeeping. **(25 marks)**