



2nd SEM.2008/2009

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**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

**PROGRAMME: B.SC AG.ED YEAR IV, B.SC LWM YEAR IV & B.SC
AN.SCI YEAR IV**

COURSE CODE: APH 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

When observing honey bees going about their business in an organized way, it is easy to become intrigued by their purposeful behaviour. Discuss the combination of factors that influence their ability to create a harmonious and productive working life in a densely-populated honey bee colony. (25 points)

QUESTION 2

With the aid of a fully labelled diagram, describe briefly the main internal and external parts of honey bees. (25 points)

QUESTION 3

Write short notes on

- a) Feeding honey bees to stimulate colony growth (10 points)
- b) Royal jelly (5 points)
- c) Bees wax (5 points)
- d) Wax moth (5 points)

QUESTION 4

Catching treck swarms can be fairly simple, especially when the treck swarms are on their way to a new nesting place. State what you need and what you would do to catch treck swarm (25 points)

QUESTION 5

Perhaps the easiest way of starting one's own apiary is to buy an established colony of bees. Discuss some issues you would need to consider for buying an established colony. (25 points)