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UNIVERSITY OF SWAZILAND

2nd SEM 2013/2014

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME: B.Sc. AG.ED YEAR IV, B.Sc. A.E.E. YEAR IV, B.Sc. ABE
YEAR IV & B.Sc. AN.SCI YEAR IV

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

- a) Briefly discuss nest cleaning. (10 Marks)
- b) Discuss the propolis collection and its use by honey bees. (15 Marks)

QUESTION 2

- a) Discuss urban beekeeping. (15 Marks)
- b) Explain the importance of water in an apiary. (10 Marks)

QUESTION 3

- a) Describe the importance of queen excluder. (12.5 Marks)
- b) List and describe the factors that trigger swarming of the honey bees. (12.5 Marks)

QUESTION 4

- a) List the leading countries in honey consumption in the world. (5 Marks)
- b) List and describe queen rearing methods. (20 Marks)

QUESTION 5

List and explain the values of honey. (25.0 Marks)