



SUPPLEMENTARY 2006/2007

PAGE 1 OF 3

UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME: BACHELOR'S DEGREE IN AGRIC. ECON. & AGRIC. BUSINESS MANAGEMENT YEAR 3
 BACHELOR'S DEGREE IN AGRIC. EDUCATION YEAR 3
 BACHELOR'S DEGREE IN AGRONOMY YEAR 3
 BACHELOR'S DEGREE IN ANIMAL SCIENCE YEAR 3
 BACHELOR'S DEGREE IN FOOD SCIENCE, NUTRITION AND TECHNOLOGY YEAR 3
 BACHELOR'S DEGREE IN HOME ECONOMICS YEAR 3
 BACHELOR'S DEGREE IN HOME ECONOMICS EDUCATION YEAR 3
 BACHELOR'S DEGREE IN HORTICULTURE YEAR 3
 BACHELOR'S DEGREE IN TEXTILE AND APPAREL DESIGN AND MANAGEMENT YEAR 3
 BACHELOR'S DEGREE IN LAND AND WATER MANAGEMENT YEAR 3

COURSE CODE: CP 304

TITLE OF PAPER: AGROFORESTRY

TIME ALLOWED: TWO (2 HOURS)

INSTRUCTION: ANSWER QUESTIONS ONE [1] AND TWO (2), WHICH ARE COMPULSORY QUESTIONS, AND ANY OTHER TWO QUESTIONS OF YOUR CHOICE

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

QUESTION 1

(THIS IS A COMPULSORY QUESTION)

Write in details about the following. Use examples to illustrate your answers, where possible. (Each question carries five marks).

- (a) Indigenous fruit trees**
- (b) Socio-economic aspects of agroforestry**
- (c) Permaculture**
- (d) Establishment of tree nursery**
- (e) Taungya**

QUESTION 2

(THIS IS ALSO A COMPULSORY QUESTION)

Discuss how agroforestry practices can be introduced into man-made forests in Swaziland.

(25 Marks)

QUESTION 3

Write on the economic importance of marula tree.

(25 Marks)

QUESTION 4

A farmer in the Malkerns area wishes to establish a tree-seedling nursery to sell seedlings for agroforestry projects in Swaziland. Write an essay giving advice to the farmer on site selection, construction and maintenance of facilities, raising and sale of seedlings.

(25 Marks)

QUESTION 5

Discuss the role of agroforestry in soil fertility maintenance and soil and water control.

(25 Marks)