



1st SEMESTER 2014/2015

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME: BACHELOR OF SCIENCE DEGREE IN AGRONOMY
YEAR 4**

COURSE CODE: CP 401

TITLE OF PAPER: AGROFORESTRY

TIME ALLOWED: TWO (2) HOURS

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

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

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QUESTION 1
(THIS IS A COMPULSORY QUESTION)

Write an essay on the "Use of agroforestry practices in addressing climate change and climate variability"

(28 Marks)

QUESTION 2
(THIS IS ALSO A COMPULSORY QUESTION)

Write on the following terms (a to g). Each question carries four marks.

- (a) Coppices
- (b) Fodder banks
- (c) Chitemene system
- (d) Reasons for renewed interest in agroforestry
- (e) Agrosilvopastoral system
- (f) Characteristics of an agroforestry tree
- (g) Agroforestry potentials of marula tree.

(28 Marks)

QUESTION 3

Write an essay on alley farming.

(22 Marks)

QUESTION 4

Write an essay on agroforestry potentials of pigeon peas (*Cajanus cajan* L.)

(22 Marks)

QUESTION 5

How would you introduce agroforestry system into citrus plantations at a farm in Ngoni in the Highveld of Swaziland?

(22 Marks)