



UNIVERSITY OF ESWATINI

MAIN EXAMINATION PAPER

PROGRAMME: B. Sc. IN AGRONOMY YEAR FOUR

COURSE CODE: CPR401

TITLE OF PAPER: AGROFORESTRY

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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**QUESTION 1**

Explain to someone going into agroforestry why careful advance planning is of great importance for their agroforestry system.

[25 marks]

**QUESTION 2**

In agroforestry systems farmers plant understory crops.

a) What are understory crops?

(5 marks)

b) What are four (4) benefits of these crops?

(20 marks)

[25 marks]

**QUESTION 3**

Your instructor indicated to you that there may be serious risks and barriers in setting up a non-timber agroforest product enterprise. Identify and explain five of these risks.

[25 Marks]

**QUESTION 4**

a) Briefly explain three (3) advantages to using native tree species in an agroforestry system

(15 marks)

b) Identify two (2) situations where you would advise a farmer that it is okay to use exotic species

(10 marks)

[25 marks]

**QUESTION 5**

A farmer indicated to you that his agroforestry practice is referred to as windbreak system.

(a) Explain what this system means

(5 marks)

(b) Identify four (4) drawbacks of this system

(20 marks)

[25 marks]