



UNIVERSITY OF ESWATINI

MAIN EXAMINATION PAPER

PROGRAMME: BACHELOR OF SCIENCE IN AGRONOMY, YEAR FOUR

COURSE CODE: CP401/ CPR401

TITLE OF PAPER: AGROFORESTRY

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ALL QUESTIONS

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QUESTION 1

- (a) Briefly explain three (3) disadvantages 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 well to use native species. 10 marks

QUESTION 2

Your instructor suggested to you that agroforestry systems can be more profitable than monocultures. Discuss whether the suggestion is valid. Give reasons. 25 marks

QUESTION 3

Forest plantations and agropastoral systems dominate the landscape in Eswatini. Elaborate with specific and concrete examples that illustrate need for agroforestry in the country. 25 marks

QUESTION 4

"Competition for water by trees in agroforestry systems probably exceeds their water conservation effects". Discuss the merits or demerits of this statement. 15 marks

Explain to someone going into agroforestry why careful advance planning is of great importance for their agroforestry system. 10 marks