

UF DAGRI PAST PAPERS.



Sir Arthur Lewis Community College
Division of Agriculture



2005/2006 Certificate Programme
End of Semester II Examination

Course: Crop Production & Technology (CPT111)
Duration: 2 ½ hours

Date: 2nd May 2006

Answer Any Four (4) Questions

- #C1b
1. (a) What is a crop? Discuss any three (3) factors one should consider when selecting a crop to be grown. (10 marks)
 - (b) Explain how cropping schedule can be beneficial to a farmer. (10 marks)
 - (c) List the farming systems commonly used in the Caribbean. (5 marks)
 2. (a) Discuss three (3) ways how weeds affect crop production. (10 marks)
 - (b) How do insects cause damage to crop? May recommendations as to how to reduce the incidence of pest. (10 marks)
 - (c) Explain why it is important to use correct spacing when establishing a crop (5 marks)
 3. (a) Discuss any three (3) methods of measuring soil moisture. (10 marks)
 - (b) Explain how water stress may affect crop production. (5 marks)
 - (c) List the method of irrigation commonly used. Give one advantage and one disadvantage of each system listed. (10 marks)
 4. (a) Discuss two (2) ways a soil may lose its fertility and two (2) ways it can regain its fertility (5 marks)
 - (b) What is soil conservation? State two (2) soil conservation practices used in St. Lucia.. (5 marks)
 - (c) Discuss the importance of good land preparation in the production of a crop. (15 marks)
 5. List the stages in the production of a crop and explain briefly how each stage can influence the out come of the crop. (25 marks)
 6. (a) What is the main objective of post harvest technology? Briefly explain how you would go about achieving this objective. (10 marks)
 - (b) Proper storage is critical to ensuring the spoilage is minimized. Discuss the components of proper storage. (10 marks)
 - (c) Briefly discuss methods of harvesting. (5 marks)

~~~~~End of Examination~~~~~



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