

SIR ATHUR LEWIS COMMUNITY COLLEGE
DIVISION OF AGRICULTURE
Certificate in Agriculture

Banana & Fruit Crop Production - BFC512
Academic Year 2001/2002 End of Semester II Exam



Time: 2 ½ hours

Date: May 2002

Answer any five questions.

#F6

1. a) Discuss yield determinants for bananas and describe three operations classified as fruit protection (15 marks)
- b) Explain how you would estimate the level of infestation of stem borers in a banana field. (5 marks)
- c) Explain how nematodes can affect banana production. (5 marks)
2. Discuss either mango/passion fruit/citrus production under the following headings:
 - a) Marketable varieties (5 marks)
 - b) Planting material and spacing (10 marks)
 - c) Fertilizing (5 marks)
 - d) Major pest and disease (5 marks)
 - e) Post harvest handling (5 marks)
3. Many fruit trees are propagated vegetatively.
 - a) List the methods of vegetative propagation. (5 marks)
 - b) Describe in detail one method of vegetative propagation. (10 marks)
 - c) Discuss the advantages and disadvantages of vegetative propagation. (10 marks)
4. a) Identify the flower types of avocado. Discuss its importance to establishing an avocado orchard. (10 marks)
- b) List the types of flowers of papaya and explain which type(s) you would like in your orchard and why. (15 marks)
5. The major objectives of post harvest technology are to prolong food availability and to maintain the quality of the produce for long periods. Explain ways and means you would adopt to achieve these objectives. (25 marks)

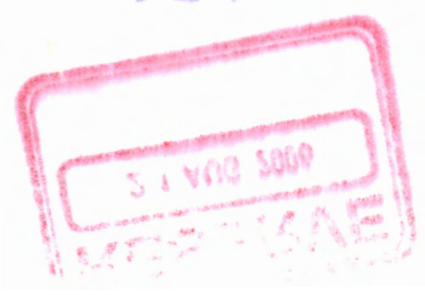


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