

**UGANDA MARTYRS UNIVERSITY
FACULTY OF EDUCATION
SEMESTER ONE SUPPLEMENTARY/SPECIAL EXAMINATION 2018/19
BACHELOR OF EDUCATION (PRIMARY) YEAR TWO
AGRICULTURE EDUCATION**

PAPER ONE: ANNUAL AND PERENNIAL CROP PRODUCTION

Date: Monday 26th August 2019 Duration: 3hrs Time: 9:30am- 12:30pm

Instructions:

- Follow the instructions on this question paper and the answer booklets carefully.
 - **Answer FOUR questions, choosing TWO questions from EACH section.**
 - Clearly indicate the SECTION and QUESTION NUMBER you attempt.
 - Write your essays clearly using illustrations where applicable, grammatically correct English, connective words and paragraphs of at least four sentences.
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Section A:

1. (a) Account for the continued growing of maize crop in the many parts of Uganda. (15 marks)
(b) Why do most farmers prefer planting improved varieties in crop production? (10 marks)
2. a) Discuss agronomic practices as the key factors in banana production. (20 marks)
b) Explain the limitations of intercropping. (05 marks)
3. Describe the growing of passion fruits in reference to:
a) Uses (05 marks)
b) Qualities of a good mother plant (10 marks)
c) Advantages of growing passion fruits on trellis (wire) (10 marks)
4. Examine the following practices in perennial crop production: (25 marks)
 - i. Early planting
 - ii. Propping
 - iii. Spacing
 - iv. Pruning
 - v. Crop rotation

SECTION B

5. Describe how value addition is an important element in food value chain (15 marks)
b) Give the relevant forms of value addition in crops (10 marks)
6. a) What are the advantages of vegetative plant propagation? (10 marks)
b) Describe the process of raising planting materials using aerial grafting. (15 marks)

7. a) Describe the factors determining crop distribution in an area. (15 marks)
- b) Give reasons for the continued variation in crop yields in your home area. (10 marks)
8. a) Describe the local measures farmers use to improve on the crop yields. (15 marks)
- b) Give your professional comment to farmer who is opting to cut down coffee plantation to plant banana. (10 marks)

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