



Uganda MARTYRS
University

FACULTY OF AGRICULTURE NGETTA CAMPUS

Certificate in Agriculture (CAP 2)

Final exam

SEMESTER I 2023/2024

Date: 13th/DEC/2023

Maximum Duration: within 8 hrs

Instructions

Instructions:

- 1. Answer all the two (2) questions in total.**
 - 2. All questions are compulsory**
 3. *Each question carries 50 marks both written and field work.*
 4. *Each question attempted will take a period of 3 hours in the field. After field examining, all students will go to class and will be given only 30 minutes to prepare for written part of exam.*
 5. *Written part of the exam will take a period of 1^{1/5} hours for both questions and will be inside the class.*
 6. *Each question attempted should be written on a new page.*
 7. *Credit will only be given to candidates whose field will appear neat and those who will have answered the asked questions correctly.*
 8. *Indicate your registration number, on each page of the answer script.*
 9. **Start time: 08:30am – End time 03:30pm.**
 10. *Strictly examination malpractices may lead to penalty*
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Question 1a) As student pursuing Certificate in agriculture of Uganda Martyrs University, you are given an established banana plantation to manage. In your observation, their growth is being compromised due to poor management. As a crop scientist, clearly and practically demonstrate how you would put the following practices into action;

(30 Marks)

- i) Pruning (10marks)
- ii) DE suckering (10marks)
- iii) Water conservation channels (10marks)

CLASS

- b)** Clearly give some factors you could think may have caused the banana plantation not promising in terms of production (poor growth) **(5 Marks)**
- c)** Clearly explain why do you think that pruning and de-suckering was very important in banana during the field practical? **(10 Marks)**
- d)** Name 5 banana clone sets in uganda **(5marks)**

Question 2a) As a student pursuing Certificate in agriculture of Uganda martyrs university, you're given an established banana plantation to manage which has been seriously under poor management, and there are a variety of weeds that has emerged in the plantation. Clearly and practically demonstrate how you can put the practice of weeding into action without causing harm to plants?

(30 Marks)

- b)** Clearly explain why you think, it was important to practice weeding in the banana plantation **(8 Marks)**

c) What are the problems caused by weeds found in the banana plantation

(7 Marks)

d) Clearly advice on how you can improve the plantation for proper performance?

(5 Marks)

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