

Uganda Martyrs University

Faculty of Agriculture

Final Examination 2021-2022
Bachelors of Science in Agriculture Year Two
Bachelors of Science in Ecological Organic Agriculture Year Three

Module: BSAG 2216: Seed Systems and Planting Material Management
BSEOA 3117: Seed Systems and Planting Material Management

Time: 09:30 am – 12:30 pm Date: Tuesday 09th August, 2022

Instructions:

- Attempt any *FOUR* questions
 - All questions carry equal 25 marks.
 - Do not write anything on the question paper
-

1. The Formal seed system in Uganda has existed for a number of decades
Explain why majority of the local Farmers still subscribe to the Informal seed system unlike the Formal system. (25 marks)
2. a) Discuss the different Challenges facing the seed systems in Uganda. (15 marks)
b) How can the informal seed system be improved in Uganda? (10 marks)
3. a) Explain the attributes of quality seed giving examples of different crops (10 Marks)
b) Discuss the different mistakes farmers in your district make and distort the quality of their seed. (15 marks)
4. As an extension officer, advise farmers in your district on what factors to consider to maintain the quality of their seed. (25 marks)
5. Discuss the various methods of seed conservation practiced in Uganda. (25 marks)

6. As an advisor for a seed company in your locality, Guide the company on how to identify a seed grower. (25 marks)

7. With reference to the National seed policy of Uganda, Discuss the different strategies that have been laid to achieve the policy objectives about i) strengthening research and development for the seed sector, ii) Strengthening capacity of the key players along the seed value chain to achieve an effective and efficient seed sector. (25 marks)

8. Write short notes about the following concepts about seeds

- i) Seed security (5 marks)
- ii) Seed Availability (5 marks)
- iii) Open pollinated variety seed (5 marks)
- iv) Hybrid Variety seed (5 marks)
- v) In-situ and Ex-situ conservation (5 marks)