



"Investing in Africa's Future"

College of Health, Agriculture and Natural Sciences

NACP 407: FIELD CROP PRODUCTION

END OF FIRST SEMESTER EXAMINATIONS

NOVEMBER 2021

LECTURER: MR. MTAITA T. A.

DURATION: 5 HRS

INSTRUCTIONS

1. Download the Examination Paper and Work offline
2. Answer **One** Question
3. Upload your response in PDF format within the allowed duration

Question One

- a) Examine in detail the challenges militating maize production in Africa and present the future management strategies that can be used to maximize yield. **[30]**
- b) Deliberate in detail on the factors to consider when introducing a field crop in an area where it has never been grown before. **[40]**
- c) With the aid of practical examples, discuss the causes and strategies to overcome field crop yield reduction. **[30]**

Question Two

- a) Africa faces a wide range of challenges in the production of the five major cereals. Discuss these challenges and recommend detailed practical solutions. **[30]**
- b) Examine why most African Countries are not self-sufficient in wheat production and discuss management considerations that are necessary for maximizing wheat yield. **[30]**
- c) Analyse the considerations to take into account when introducing a field crop in an area where it has never been grown before. **[40]**

Question Three

- a) Discuss the considerations a crop specialist will have into account when introducing a field crop in a new area. **[40]**
- b) Analyse the factors militating cereal crop production in a country of your own choice and suggest realistic opportunities for betterment. **[30]**
- c) Discuss the approach required for both farmers and policy makers to promote precision farming. **[30]**

End of Exam Paper