



“Investing in Africa’s future”
**COLLEGE OF HEALTH, AGRICULTURE & NATURAL
SCIENCES**

NACP 407: FIELD CROP PRODUCTION
END OF FIRST SEMESTER FINAL EXAMINATIONS
NOVEMBER/ DECEMBER 2022
LECTURER: MR. MTAITA T A.
DURATION: 3 HOURS

INSTRUCTIONS

Choose and Answer *Four* Questions

Question One

- a) Examine the quality components of sugar cane. **[5]**
- b) Discuss the challenges militating field crop production in developing countries like Zimbabwe, Angola, DRC and Mozambique. Suggest how to better the situation. **[20]**

Question Two

Growing of improved varieties is one of the acceptable methods of attending to the problem of food security. Analyse the considerations to take into account when introducing a crop in an area where it has never been grown before. **[25]**

Question Three

- a) Elucidate the importance of wheat production to the farmer and to the nation. **[5]**
- b) Suggest some measures to improve wheat production in a selected developing country. **[20]**

Question Four

- a) Advise farmers on how to become a field crop doctor. **[10]**
- b) Prepare a budget for wheat production and specify technologies necessary for maximizing wheat yield. **[15]**

Question five

- a) Deliberate on production management guidelines necessary in different growth stages of maize. **[10]**
- b) Discuss five technologies that agronomists agree to be part of the improved rice production. **[15]**

Question Six

- a) Analyse why beans are among common field crops in developing countries despite their low yield potential. **[10]**
- b) Elaborate steps to follow when implementing cleaner production in your area. **[15]**

Question seven

To achieve high yields in banana production requires skills, dedication, and proper planting methods. Unpack the pertinent guides that any banana grower should be aware of in getting market required bananas. **[25]**

END OF EXAMINATION PAPER