



*“Investing in Africa’s future”*

**COLLEGE OF HEALTH, AGRICULTURE AND NATURAL SCIENCES**

**NACP 407: FIELD CROP PRODUCTION**

**END OF FIRST SEMESTER FINAL EXAMINATIONS**

**NOVEMBER/ DECEMBER 2020**

**LECTURER: MR. MTAITA T. A.**

**DURATION: 24 HRS**

---

**INSTRUCTIONS**

1. Download the examination paper from MOODLE and work offline
2. Choose and answer one question
3. Upload your response on MOODLE in PDF format

## **NACP 407 FIELD CROP PRODUCTION**

### **Question One**

- a) Growing of improved varieties is one of the acceptable method of attending to the problem of food security. Analyse the considerations you will make when introducing a crop in an area where it has never been grown before. **[40]**
- b) Discuss the challenges militating food security in Zimbabwe, Burundi or Uganda and suggest some practical solutions. **[30]**
- c) Elucidate the importance of wheat production to the farmer and to the nation. Suggest some measures to improve wheat production in a selected developing country. **[30]**

### **Question Two**

- a) Advise farmers on how to become a field crop doctor. **[10]**
- b) Analyse steps to follow when implementing cleaner production in your area. **[20]**
- c) Discuss the factors to consider when introducing a field crop in an area where it has never been grown before. **[40]**
- d) Deliberate on production management guidelines necessary in different growth stages of maize. **[30]**

### **Question Three**

- a) Discuss five technologies that agronomists agree to be part of the improved rice production. **[20]**
- b) Analyse why beans are among common field crops in developing countries despite their low yield potential. **[20]**
- c) As a newly employed field crop specialist, explicitly discuss the factors to consider when introducing a crop in an area where it has not been grown before. **[30]**
- d) Prepare a budget for maize production and specify technologies necessary for maximizing maize yield. **[30]**

**END OF EXAMINATION PAPER**