



**JARAMOGI OGINGA ODONGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

SCHOOL OF AGRICULTURAL AND FOOD SCIENCES

**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
IN AGRIBUSINESS MANAGEMENT**

FOURTH YEAR FIRST SEMESTER 2016/2017 ACADEMIC YEAR

REGULAR

COURSE CODE: AHT 3414

COURSE TITLE: FIELD CROPS

EXAM VENUE: LR 6

STREAM: BSC. (Agribusiness Management)

DATE:14/12/16

EXAM SESSION: 2.00 – 4.00 PM

TIME: 2 HOURS

Instructions

- 1. Answer ALL questions in section A and ANY TWO questions in section B**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

SECTION A [30 MRKS]**Answer ALL questions in section A**

1. Define field crops, using relevant examples. **[2 Marks]**
2. List at least ten field crops of great economic importance in Kenya. **[2 Marks]**
3. Explain the purpose and procedure of land preparation in field crop farming. **[4 Marks]**
4. Explain the importance of having a definite plant population and spacing. **[4 Marks]**
5. Give at least three reasons why maize is the staple cereal food crop in Kenya. **[3 Marks]**
6. Explain how maize varieties are characterized in Kenya. **[4 Marks]**
7. Describe ecological conditions that favor wheat farming. **[3 Marks]**
8. Describe the aeroponics cultivation of potato. **[4 Marks]**
9. Describe the uses and ecological adaptability of sunflower plant. **[4 Marks]**

SECTION B: [40 MARKS]**Answer ANY TWO questions from this section**

1. Describe the problems facing maize farming in Kenya. **[20 marks]**
2. Describe at least five major attributes of bean crops that contribute to their popularity. **[20 marks]**
3. Describe the occurrence, symptoms, and control of Maize Lethal Necrosis Disease. **[20 marks]**