

**CHUKA**



**UNIVERSITY**

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**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN  
AGRICULTURAL EDUCATION AND EXTENSION**

**AGRI 351: ANNUAL CROPS**

**STREAMS: BSC AGRIC, AGED Y3S1**

**TIME: 2 HOURS**

**DAY/DATE: WEDNESDAY 11/12/2019**

**11.30 A.M – 1.30 P.M**

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**INSTRUCTIONS**

**Answer all questions in section A and any other two questions in section B**

**SECTION A: (30 MARKS)**

1. (a) Briefly discuss the adaptation of the rice plant. [5 marks]  
(b) Explain the ecological requirements for rice production. [5 marks]
2. Discuss why there has been an awareness to increase cassava production in Kenya. [8 marks]
3. Briefly discuss symptoms and control measures of stem borer in maize. [6 marks]
4. Explain in detail the ginning process in cotton. [6 marks]

**SECTION B: (40 MARKS)**

5. (a) Discuss cultural practices in bean production. [15 marks]  
(b) What are the characteristics of Canadian wonder bean variety. [5 marks]
  6. (a) Discuss factors that have limited vegetable oil industry in Kenya. [12 marks]  
(b) What are the cultural practices in sunflower production. [8 marks]
  7. (a) Discuss the constraints to maize production in Kenya. [15 marks]  
(b) Discuss causes and symptoms the maize Lethal Necrosis Disease (MLND). [5 marks]
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