

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

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

**HORT 333: GENERAL VEGETABLE PRODUCTION**

**STREAMS: BSC AGED Y3S2**

**TIME:2 HOURS**

**DAY/DATE: THURSDAY 13/04/2023**

**2.30 P.M. –4.30 P.M.**

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**INSTRUCTIONS**

Answer **ALL** Questions in **Section A** and any other **Two** Questions in **Section B**.

**SECTION A (TOTAL 30 marks)**

1. Discuss briefly how temperature affects tomato production (5 marks)
2. Briefly describe routine operations in Vegetable production (5 marks)
3. a) Outline the symptoms of black rot in brassicas (6 marks)  
b) What is the role of maleic hydrazide during onion storage (3 marks)
4. a) Discuss briefly ways of Vegetable classification, giving specific examples (6 marks)  
b) Explain methods used in vegetable propagations (5 marks)

**SECTION B (40 marks)**

5. Write brief notes on the following:
  - a) Physiological disorders in tomatoes (10 marks)
  - b) Climate and soil requirements of Onions (10 marks)
6. a) Discuss Agro ecological requirements of carrots (10 marks)  
b) Post-harvest handling procedures of beetroot (10 marks)
7. Briefly discuss on the following topics:
  - a) Management practices for cabbage production (10 marks)
  - b) Pack house operations on French beans (10 marks)

