

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
AGRICULTURE & BACHELOR OF AGRICULTURAL EDUCATION

HORT 333: GENERAL VEGETABLE PRODUCTION

STREAMS: BSC (AGED) Y3S2

TIME: 2 HOURS

DAY/DATE: FRIDAY 09/7/2021

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS: Answer ALL questions in section A and any other TWO in section B

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. (a) Discuss briefly how French beans are graded for export [5 marks]
- (b) Elaborate on the role of malefic hydrazine in onion production [5 marks]
2. Briefly describe the symptoms of powdery mildew in carrots [6 marks]
3. Briefly describe five common operations in vegetable production [5 marks]
4. (a) Briefly discuss methods used in vegetable production [4 marks]
- (b) Discuss briefly how temperature affects tomato production [5 marks]

SECTION B: ANSWER TWO QUESTIONS (40 MARKS)

5. Describe the following topics:
 - (a) Climate and soil requirements of onions [10 marks]
 - (b) Post-harvest handling procedures of beetroot [10 marks]
6. Write brief notes on the following:
 - (a) Physiological disorders in tomatoes [10 marks]
 - (b) Agro ecological requirements of carrots [10 marks]
7. Discuss the following topics:
 - (a) Symptoms of red spidermites in French beans [10 marks]
 - (b) Management practices for cabbage production [10 marks]