

CHUKA



UNIVERSITY

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**UNIVERSITY EXAMINATIONS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
SCIENCE IN AGRICULTURE**

**HORT 333: GENERAL VEGETABLE PRODUCTION**

**STREAMS: BSC AGRIC Y3S1**

**TIME: 2 HOURS**

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

**8.30 A.M – 10.30 A.M**

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**INSTRUCTIONS**

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

**SECTION A: ANSWER ALL QUESTIONS (30 MARKS)**

1. (a) Discuss briefly how French beans are graded for export. [6 marks]  
(b) Explain the role of maleic hydrazide in onion production [6 marks]
2. Outline the symptoms and control measures of late blight in tomatoes. [8 marks]
3. Differentiate between routine and cultural practices in vegetable production. [4 marks]

4. Elaborate on the harvesting of tomatoes for the various markets. [6 marks]

**SECTION B: (40 MARKS) ANSWER TWO QUESTIONS**

5. Discuss;
  - (a) Agro ecological requirements for cabbage production. [10 marks]
  - (b) Symptoms and control measures of bacterial soft rot in cauliflower. [10 marks]
6. Discuss briefly the following ;
  - (a) How root knot nematodes limit production of French beans. [10 marks]
  - (b) Cultural practices and fertilizer requirements of onions. [10 marks]
7. (a) Discuss the climate and soil requirements of carrot. [12 marks]  
(b) Discuss on post harvest handling of French beans. [8 marks]

