

HORT 333

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: WEDNESDAY 08/04/2020

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Answer ALL questions in section A and any other TWO questions in section B.**

SECTION A: ANSWER ALL QUESTIONS (TOTAL 30 MARKS)

1. Explain common methods used in vegetable production. (5 marks)
2. (a) Describe the symptoms of Powdery Mildew in Onions. (5 marks)
(b) How is the disease named in 2(a) above controlled? (4 marks)
3. Briefly discuss factors considered in choosing a site for a vegetable nursery. (6 marks)
4. (a) Explain in brief how rainfall and humidity affect vegetable production. (5 marks)
(b) What are the characteristics of determinate and indeterminate tomatoes? (5 marks)

SECTION B: ANSWER TWO QUESTIONS (TOTAL 40 MARKS)

5. Describe the following topics:
 - (a) Climate and soil requirements of cabbage. (12 marks)
 - (b) Symptoms of Root knot nematodes in carrots. (8 marks)
6. Briefly discuss on the following topics:

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- (a) Management practices for French bean production. (10 marks)
 - (b) Postharvest handling procedure for French beans. (10 marks)
7. Discuss the following topics;
- (a) Harvesting and pack house operations of Beetroot. (10 marks)
 - (b) Cultural practices for pumpkin production. (10 marks)
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