

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
HORTICULTURE**

HORT 231: EXOTIC VEGETABLES

STREAMS: BSC HORT Y2S2

TIME: 2 HOURS

DAY/DATE: MONDAY 08/04/2024

2.30 P.M – 4.30 P.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. Differentiate between Indigenous and exotic vegetables. (5 marks)
2. (a) Describe the symptoms of Powdery mildew in snow peas. (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 humidity affects vegetable production. (5 marks)
(b) What are the characteristics of determinate and indeterminate tomatoes. (5 marks)

SECTION B: ANSWER TWO QUESTION (TOTAL 40 MARKS)

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

6. Briefly discuss on the following topics:
- (a) Management practices for French bean production. (10 marks)
 - (b) Postharvest handling procedures for Beetroot. (10 marks)
7. (a) A briefly discuss the non parasitic disorders of cauliflower. (10 marks)
- (b) Agro ecological requirements of Asparagus production. (10 marks)
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