

CHUKA

UNIVERSITY



UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DIPLOMA IN HORTICULTURE AND
DIPLOMA AGRICULTURE AND RURAL DEVELOPMENT

HORT 0232: VEGETABLE PRODUCTION

STREAMS: DIP. HORT/AGRI RURAL DEVELOPMENT (Y1S2)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 07/07/2021
P.M.

11.30 A.M. – 1.30

INSTRUCTIONS:

- Answer all questions in section A and any two question in section B

SECTION A: (40 marks): Answer All questions

1. Explain methods used in vegetable propagation. (6 marks)
2. a) Differentiate the varieties of pea that exist in Kenya. (5 marks)
b) Pack house operations of garden peas. (10 marks)
3. Briefly discuss the fertilizer requirements of potatoes. (6 marks)
4. a) Outline the symptoms of late blight in tomatoes. (8 marks)
b) What are control measures? (5 marks)

SECTION B (TOTAL 30 MARKS)

5. Write brief notes on the following:

- (a) Climate and soil requirements of carrots. (10 marks)
- (b) Routine operations in vegetables production. (5 marks)
6. Briefly discuss the following
- (a) Root knot nematodes in tomatoes. (10 marks)
- (b) Harvesting of salad onions. (5 marks)
7. Discuss spider plant with respect do the following:
- (a) Agro-ecological requirements. (10 marks)
- (b) Nutritional value. (5 marks)
-