

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THIRDYEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION ND EXTENSION

HORT 331: EXOTIC VEGETABLES I

STREAMS: B.Sc (AGED) Y4S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 5/12/2018

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- Answer ALL Questions in Section A and any other TWO Questions in Section B
- Do not write anything on the question paper

SECTION A: [30 MARKS] - ANSWER ALL QUESTIONS

1. Explain the characteristics of cole crops. [5 Marks]
2. Briefly discuss disadvantages of growing seedlings in a nursery. [6 Marks]
3. (a) Differentiate between determinate and indeterminate tomatoes. [4 Marks]
(a) Outline key production operations in vegetable production. [6 Marks]
4. (a) Describe the symptoms of onion eelworm (*Ditylenchus dipsaci*) in onions. [5 Marks]
(b) Outline the control measures for onion eelworm in onion production. [4 Marks]

SECTION B: [40 MARKS] - ANSWER ANY TWO QUESTIONS

5. (a) Discuss the effect of temperature on flowering and fruit set in tomatoes. [10 Marks]
(b) Describe the common physiological disorders in tomatoes. [10 Marks]
 6. Describe the following;
(a) Agroecological requirements of asparagus production. [10 Marks]
(b) Cultural practices and fertilizer requirements of lettuce production. [10 Marks]
 7. (a) Discuss climate and soil requirements of carrots. [10 Marks]
(b) Describe briefly transplanting and spacing requirements in cabbages. [10 Marks]
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