

DATE: 10/11/2020

TIME: 2.00-4.00 PM

INSTRUCTIONS:

Answer *ALL* questions from Section A and any other *TWO* from Section B:

SECTION A: COMPULSORY: (30 MARKS)

QUESTION ONE (30 MARKS)

a)	Distinguish between indigenous and traditional vegetables	(2 marks)
b)	Explain any FOUR methods of classifying vegetables	(4 marks)
c)	Giving an example in each case, describe the four methods of classifying cabbage varieties	
	based on shape of cabbage head	(4 marks)
d)	Describe FOUR ways in which amaranth can be utilised	(4 marks)
e)	Explain FOUR advantages of growing tomatoes in a greenhouse than in an open field	
		(4 marks)
f)	Although previously referred to as poor man's vegetables, explain FOUR reasons why	
	African indigenous vegetables have become popular in recent years	(4 marks)
g)	Describe the climatic conditions for growing onions	(4 marks)
h)	Describe the symptoms of two major diseases of potato	(4 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

QUESTION TWO (20 MARKS)

Describe production of beetroot under the following headings

a)	Varieties	(5 marks)
b)	Planting	(5 marks)
c)	Management practices	(10 marks)

QUESTION THREE (20 MARKS)

Explain the following aspects in tomato production

a)	Ecological requirements	(5 marks)
b)	Crop establishment	(5 marks)
c)	Four most common pests in Kenya	(10 marks)

QUESTION FOUR (20 MARKS)

Describe production of watermelon under the following headings

a)	Environmental requirements	(5 marks)
b)	Crop establishment	(5 marks)
c)	Fertilizers and manures	(5 marks)
d)	Pruning and mulching	(5 marks)

QUESTION FIVE (20 MARKS)

Discuss greenhouse production of sweet pepper under the following headings

a)	Seedlings production in the nursery	(5 marks)
b)	Preparation of planting beds and transplanting	(5 marks)
c)	Fertigation	(5 marks)
d)	Pest management	(5 marks)