

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF AGRICULTURAL AND FOOD SCIENCES UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE IN HORTICULTURE

3^{RD} YEAR 2^{ND} SEMESTER 2018/2017 ACADEMIC YEAR REGULAR

COURSE CODE: AHT 3325

COURSE TITLE: VEGETABLE CROPS 11

EXAM VENUE: STREAM: (BSc. Horticulture)

DATE: EXAM SESSION:

TIME: 2HOURS

Instructions

- 1. Answer ALL questions in Section A (compulsory) and ANY TWO questions in Section B
- 2. Candidates are advised not to write on the question paper
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room

SECTION A [30 MARKS]

Answer ALL questions in this section

1.	List four globally popular Asian vegetables and the countries producing them.	(4 marks)
2.	Discuss the market for Asian vegetables and its importance to Kenya.	(4 marks
3.	Explain the need for different packaging requirements for export for the following vegetables.	g Asian
	a. Momordica charantia	(3 marks)
	b. Abelmoschus esculentus	(3 marks)
	c. Solanum melongena	(3 marks)
4.	Describe three top breeding highlights at the World Vegetable Centre for Asian vegetables.	
		(6 marks)
5.	Describe the maturity index and harvesting of <i>Dolichus lablab</i> .	(4 marks)
6.	List the three major challenges faced by small holder farmers in Kenya growing Avegetables.	Asian (3marks)
	SECTION B [40 MARKS]	
Answer ANY TWO questions from this section		
7.	Describe the commercial production of bitter gourd in Kenya.	(20 marks)
8.	Asian vegetables in the Brassicaeae family are popular globally	
	a. List four of them according to their uses,	(8 marks)
	b. Briefly describe the production of one of the above.	(12 marks)
9.	Give advice to a Bondo farmer venturing into Asian vegetables under what vegetables in the families listed below would perform well:	conditions the
	a. Solanaceae	(5 marks)
	b. Malvaeae	(5 marks)
	c. Curcubitaceae	(5 marks)
	d. Alliaceae	(5 marks)