



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF AGRICULTURAL AND FOOD SCIENCES
UNIVERSITY EXAMINATION FOR DEGREE OF BACHELOR OF SCIENCE IN FOOD
SECURITY
3RD YEAR 2ND SEMESTER 2017/2018 ACADEMIC YEAR
REGULAR

COURSE CODE: APT 3321

COURSE TITLE: FRUITS AND VEGETABLE PRODUCTION

EXAM VENUE: **STREAM: (BSc. Food Security)**

DATE: **EXAM SESSION:**

TIME:

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**
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SECTION A [30 MARKS]

Answer ALL questions in this section

1. Describe two propagation methods for fruit crops using a named fruits (6 marks)
2. Explain how the popularity of olericulture by smallholder farmers can improve family nutrition and give the nutritional importance of three named crops that can be grown (6 marks)
3. Discuss the control of named **Three** (3) named pests in:
 - a. Tomato production (6 marks)
 - b. Banana (6 marks)
 - c.
4. Illustrate the global production trends of fruit and vegetable production since 1980.(6marks)

SECTION B [40 MARKS]

Answer ANY TWO questions from this section

5. Discuss greenhouse capsicum production. (20 Marks)
6. Explain in detail the commercial production of one of the following fruits in Kenya (20 marks)
 - a. Avocado.
 - b. Mango
7.
 - a. Explain the competitive advantages of growing fruit and vegetables. (10 Marks)
 - b. Using an export vegetable crop illustrate the value –chain showing the key actors. (10 marks)