



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF AGRICULTURE AND FOOD SCIENCES**  
**FIRST YEAR FIRST SEMESTER UNIVERSITY EXAMINATION FOR THE DEGREE OF**  
**BACHELOR OF SCIENCE IN HORTICULTURE**  
**2017/2018 ACADEMIC YEAR**  
**REGULAR**

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**COURSE CODE: AHT 3111**

**COURSE TITLE: INTRODUCTION TO HORTICULTURAL INDUSTRY**

**EXAM VENUE:** **STREAM: (BSc. Horticulture)**

**DATE:** **EXAM SESSION:**

**TIME: 2 HOURS**

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**Instructions:**

- 1. Answer ALL questions in Section A and Any two questions in Section B**
- 2. Candidates are advised not to write on 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. Define the following terms with an example:
  - a. Horticulture (3 marks)
  - b. Viticulture (3 marks)
  - c. Horticultural therapy (3 marks)
  - d. Good Agricultural Practices (GAP) in horticulture (3 marks)
  
2. Describe the responsibilities of the following careers in horticulture.
  - a. Horticultural Research Scientist (3 marks)
  - b. Landscape designer (3 marks)
  - c. Florist (3 marks)
  
3. List at two areas known for the production of the following horticultural crops.
  - a. Bananas (2 marks)
  - b. Flowers (2 marks)
  - c. French beans (2 marks)
  
4. Give two mandates of:
  - a. Horticultural Crop Directorate (2 marks)
  - b. Kenya Plant Health Inspection Services (2 marks)
  - c. International Society for Horticultural Science (2 marks)

**SECTION B [40 MARKS]**

**Answer ANY TWO questions from this section**

5. Discuss the horticultural sector in Kenya. (20 marks)
  
6. Explain what the activities following horticultural enterprises
  - a. Kenya Cannery (5 marks)
  - b. Kenya Orchards Ltd (5 marks)
  - c. Bilashaka and (5 marks)
  - d. Wilmar (5 marks)
  
7. Describe how the following technologies are used to improve horticultural production:
  - a. Tissue culture (10 marks)
  - b. Integrated Crop Management (10 marks)