



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF AGRICULTURAL AND FOOD SCIENCES
FIRST SEMESTER FIRST YEAR EXAMINATION FOR THE DEGREE OF
BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT 2020/2021
ACADEMIC YEAR

COURSE CODE: APB 2101

COURSE TITLE: Introduction To Horticultural Industry

EXAM VENUE: **STREAM: (BSc. Agribusiness Management)**

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 from this section

1. Explain the benefits of horticulture to:
 - a. The Kenyan economy [2 marks]
 - b. Household nutrition [2 marks]
 - c. Physical and mental health [2 marks]
2. List and explain three careers a graduate in BSc. Horticulture can develop. [6 marks]
3. Discuss the benefits and challenges faced by farmers who practice organic horticulture [6 marks]
4. Define the following activities in horticulture
 - a. Nursery [2 marks]
 - b. Grafting [2 marks]
 - c. Trellising [2 marks]
5. List three (3) regulatory bodies in horticulture and to each give two key mandates. [6 marks]

SECTION B [40 MARKS]

Answer any TWO QUESTIONS in this Section.

6. Discuss vertical farming in horticulture under the following topics
 - a. Types of structures used in vertical [5 marks]
 - b. Benefits of vertical farming [10 marks]
 - c. Challenges of vertical farming [5 marks]
7. Describe the skills needed for jobs in the following divisions of horticulture
 - a. Olericulture [5 marks]
 - b. Pomology [5 marks]
 - c. Landscaping [5 marks]
 - d. Floriculture [5 marks]
8. Kenya has varied agro –climatic regions, discuss the geographical distribution of major horticultural crops in Kenya. [20 marks]