



*(Knowledge for Development)*

**KIBABII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**2020/2021 ACADEMIC YEAR**

**THIRD YEAR 1ST SEMESTER**  
**MAIN EXAMINATIONS**

**FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE**  
**ECONOMICS AND RESOURCE MANAGEMENT**

**COURSE CODE:** ACR 311  
**COURSE TITLE:** HORTICULTURE

**DATE:** 13<sup>TH</sup> JULY 2021

**TIME:** 9AM – 11 AM

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**INSTRUCTIONS TO CANDIDATES**

Answer Question ONE and any other TWO Questions.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

Q1. (a). Define Horticulture and state what it entails. (6 marks)

(b). Elaborate the types of horticulture giving examples of each type. (6 marks)

(c). List and explain six classifications of vegetables. (6 marks)

(d). State briefly six factors affecting the growth of fruit trees. (6 marks)

(e). Describe the differences in the production of cut flowers in greenhouse and in the open field gardens. (6 marks)

2. Discuss in detail the processes involved in vegetable nursery establishment and management including all aspects involved. (20 marks).

Q.3. State and briefly explain five climatic adaptations for each of the following:

(a). Vegetables (10 marks)

(b). Fruits. (10 marks)

Q4. Discuss the contribution of vegetables to food security and nutrition within any area in Africa (20 marks)

Q5. Discuss any five Cut flower growing conditions. (20 marks)