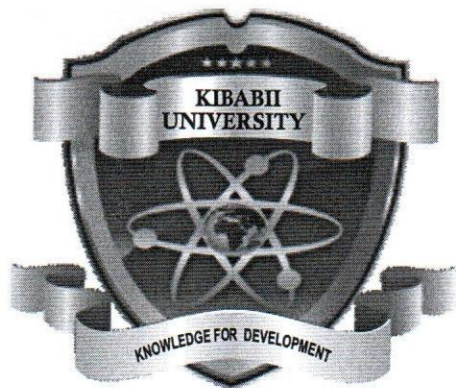


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(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR

SECOND YEAR 2ND SEMESTER
MAIN EXAMINATION

FOR THE DEGREE OF BACHELOR OF SCIENCE AGRICULTURE
EDUCATION AND EXTENSION

COURSE CODE: ACR 223
COURSE TITLE: PERRENIAL CROPS

DATE: 8TH OCTOBER 2021 **TIME:** 9 – 11 AM

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 the term 'Perennial crops' and list FOUR examples. (6 marks)
- b). Elaborate the FOUR economic importance of Perennial crops (4 marks)
- c). List and Explain TWO harvesting methods of coffee. (4 marks)
- d). State FOUR pest control methods in tea crop. (4 marks)
- e). List TWO methods of planting sugarcane. (2 marks)
- f). List the TWO methods of pyrethrin extraction from pyrethrum. (2 marks)
- g). Name TWO cashew nut pests and state their control. (4 marks)
- f). Explain TWO methods of drying coconut. (2 marks)
- g). Differentiate between suckers and Bulbils as used in propagation of sisal. (2 marks)
- Q2. a). List and explain the steps in processing tea. (10 marks)
- b). Discuss the challenges facing the Tea sector in Kenya. (10 marks)
- Q3. a). Discuss pros and cons of: i) Burning sugarcane method during harvesting. (5 marks)
- ii) Non-burning method of harvesting sugarcane. (5 marks)
- b). Elaborate: i) propagation of pyrethrum. (5 marks)
- ii). the steps involved in processing Pyrethrum. (5 marks)
- Q4. a). Write short notes on cashew nut under the following headings:
- i). Nursery management. (5 marks)
- ii). Orchard establishment and maintenance. (5 marks)
- b). Discuss economic importance of sisal. (10 marks)
- Q5. a). Discuss propagation of macadamia. (10 marks)
- b). Elaborate uses of macadamia. (10 marks)