



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya

Tel: +254(0) 799 529 958, +254(0) 799 529 959, + 254 (0) 712 524 293,

Website: info@must.ac.ke Email: info@must.ac.ke

University Examinations 2022/2023

FIRST YEAR SECOND SEMESTER EXAMINATION FOR THE DIPLOMA IN AGRICULTURE

AAD 2201: PERENNIAL CROPS

DATE: APRIL 2023

TIME: 1½ HOURS

INSTRUCTIONS: Answer question *one* and any other *two* questions

QUESTION ONE (30 MARKS)

- a) Give five methods used to manage weeds in coffee plantations (5 marks)
- b) Discuss five reasons for low sugarcane production in Kenya (10 marks)
- c) Give five factors to consider when selecting a tea bush mother plant (5 marks)
- d) List two types of tea nurseries (2 marks)
- e) Give five factors which determines the rate of fertilizer application (5 marks)
- f) List down three diseases common for coffee plants in Kenya (3 marks)

QUESTION TWO (15 MARKS)

- a) Discuss five agro-ecological conditions for tea productions in Kenya (10 marks)
- b) Highlight five factors affecting spacing in tea production (5 marks)

QUESTION THREE (15 MARKS)

- a) Explain water shoots and give four effects of water shoots in sugarcanes (5 marks)
- b) Give five characteristics of different types of China and assam tea (10 marks)

QUESTION FOUR (15 MARKS)

- a) Discuss four methods used when pruning tea (8 marks)
- b) Write short note on the coffee cherry harvesting (7 marks)