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(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER EXAMINATIONS

SUPPLEMENTARY EXAMINATION

FOR THE DIPLOMA IN:

HORTICULTURE

COURSE CODE: DAH: 078

COURSE TITLE: BEVERAGE, MEDICINAL AND NUT CROPS

DATE: 29.7.22

TIME: 11-1PM

INSTRUCTIONS TO CANDIDATES

Answer ALL questions in section A and any TWO in section B

MMUST observes ZERO tolerance to examination cheating

SECTION A: Answer all questions (40 Marks)

1. Define the following terms

- a) Beverage (2marks)
- b) Medicinal plant(2marks)
- c)Cherry(2 marks)
- d) Coffee Parchment (2 marks)
- e)Nut(2marks)

2. a)Name the two types of beverages (2 marks)

b) List two examples of alcoholic and non- alcoholic beverages (2 marks)

c) List two examples each of spices, herbs and nut crops (6marks)

3. a) State two main species of coffee (2 marks)

b) Name four types of processed tea (2 marks)

c) State two uses of cocoa (2marks)

d) Explainbriefly, plucking of tea. (4 marks)

4. a)Mention three benefits of medicinal plants (3 marks)

b) Outline the importance of pyrethrum (3marks).

c) State **FOUR** reasons why pruning is necessary in coffee. (4marks)

SECTION B: Answer any two questions (30 marks)

5.Coffee and tea have been the most important export cash crops produced in Kenya.

Discuss briefly

a) the conditions which favour growing of coffee in Kenya. (5marks)

b) describe the challenges facing Tea production in Kenya (5 marks)

c) the processing of coffee (5marks)

6. Write short notes on the following

a) The economic importance of medicinal crops in Kenya (5marks)

b) Mention any five spices and herbs used in Kenya and their health benefits (10marks)

7. Discuss nut crops under the following headings; (15marks)

a) processing of coconut oil

b) uses of Macadamia

c) products of cashew nut crop

d) importance of nut crops in Kenya