

081206T4HPN

Horticulture Producer Level 6

HO/OS/HP/CR/06/6/B

Produce Herbs and Spices

July / Aug. 2023



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATE

1. This paper has two sections **A** and **B**. Answer questions in each section as per instructions given in the section.
2. You are provided with a separate answer booklet.
3. Marks for each question are indicated in the brackets.
4. Do not write on the question paper

This paper consists of THREE (3) printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing

SECTION A: (40 MARKS)

*Answer **all** questions in this section.*

1. Slugs and snails are common garden pest of Chives. Explain THREE ways Mr. ABU can use to minimize these pests in his farm. (6 marks)
2. Identify FOUR plant characteristics of Dill (*Anethum graveolens*). (4 marks)
3. Identify TWO spices and two herbs grown in Kenya. (2 marks)
4. List TWO pests that affect Garlic plant. (2 marks)
5. Outline harvesting process in Parsley. (5 marks)
6. Highlight FOUR propagating methods of Dill (*Anethum graveolens*). (4 marks)
7. Explain THREE field management practices in Coriander production. (6 marks)
8. State THREE symptoms of powdery mildew disease in Coriander. (3 marks)
9. Outline FOUR uses of Coriander. (4 marks)
10. Highlight steps involved in establishment of Parsley using seeds. (4 marks)

SECTION B: (60 marks)

*Answer any **THREE** questions in this section.*

11. a) Describe harvesting in Thyme. (4 marks)
- b) Describe the harvesting and post-harvest practices of Garlic. (16 marks)
12. a) Describe Mint propagation methods (14 marks)
- b) Explain SIX quality parameters in Garlic production. (6 marks)
13. Discuss the Rosemary production with respect to; (20 marks)
- i. Ecological requirements
 - ii. Establishment
 - iii. Watering
 - iv. Pests control
14. a) Discuss THREE pruning methods done on Chives. (6 marks)
- b) Workers from Wakulima Thyme production farm had a go slow for one month and this really affected their production and the farm manager noticed that two blocks of land had not been pruned. Explain how this affected the two blocks and the effects caused. (14 marks)