



ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY
DEVELOPMENT**

NATIONAL CERTIFICATE

IN

HORTICULTURE

MODULE: Fruit Production

PAPER NO: 331/22/M03

DURATION: 3 Hours

NOVEMBER/ DECEMBER 2025 EXAMINATION

REQUIREMENTS

Pen, Pencil, Ruler, Rubber

INSTRUCTIONS TO CANDIDATES

- 1. Section A is compulsory.**
- 2. Choose any four (4) questions from Section B.**
- 3. Each question carries 20 marks.**

This paper consists of 3 printed pages.

SECTION A

QUESTION 1

a) Define the following terms:

i) A fruit (2 marks)

ii) Fruit production (2 marks)

b) Differentiate tropical from temperate fruits. (4 marks)

c) List three (3) characteristics suitable for a fruit production site. (3 marks)

d) Give the scientific names of the following:

Common name	Genus	Species
Mango	_____ (1)	_____ (1)
Pineapple	_____ (1)	_____ (1)

(4 marks)

e) Name any two (2) pests problematic in citrus fruit trees. (2 marks)

f) Suggest any three (3) possible solutions to mango scab. (3 marks)

SECTION B

QUESTION 2

- a) Briefly explain factors affecting fruit set in fruit production. (10 marks)
- b) Explain any five (5) orchard layouts. (10 marks)

QUESTION 3

- a) Give at least five (5) influential players in Zimbabwe's fruit production industry. (5 marks)
- b) Discuss the economic importance of fruits. (15 marks)

QUESTION 4

- a) Outline the role of pollination in fruit production. (5 marks)
- b) Outline the hardening off procedure. (5 marks)
- c) Using examples distinguish vegetative and sexual propagation. (10 marks)

QUESTION 5

Explain the following methods and practices used in fruit tree maintenance:

- a) Pest management (9 marks)
- b) Irrigation (6 marks)
- c) Fertilisation techniques (5 marks)

QUESTION 6

Describe and explain different pruning methods used to maintain fruit trees. (20 marks)

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