



**ZIMBABWE**

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

**HIGHER EDUCATION EXAMINATIONS COUNCIL  
(HEXCO)**

**NATIONAL DIPLOMA**

**IN**

**HORTICULTURE**

**MODULE: Landscape Design**

**PAPER NO: 514/23/M08**

**DURATION: 3 Hours**

**NOVEMBER/ DECEMBER 2025 EXAMINATION**

**REQUIREMENTS**

1. Pen, Pencil
2. Ruler, Rubber

**INSTRUCTIONS TO CANDIDATE**

1. Answer any five (5) questions
2. Each question carries 20 marks.



QUESTION 1

- a) List and explain the factors to consider when planning a landscape design. (10marks)
- b) Discuss the importance of any five (5) types of records to be kept in a nursery. (10marks)

QUESTION 2

Explain the following landscape principles and elements:

- a) Principles
  - i) Balance (3marks)
  - ii) Proportion (3marks)
  - iii) Order (3marks)
  - iv) Simplicity (3marks)
- b) Elements
  - i) Line (4marks)
  - ii) Form (4marks)

QUESTION 3

- a) Give the common names of the following ornamental plants:
  - i) *Kolanchoe beharensis* (1mark)
  - ii) *Sauseviera trifasciata* (1mark)
  - iii) *Caryota Urens* (1mark)
  - iv) *Euphorbia ingens* (1mark)
  - v) *Raphia farinifera* (1mark)
- b) Explain the five (5) ways in which ornamental plants are classified. Give examples in each case. (15marks)

QUESTION 4

- a) Discuss the effects of frost injury and mechanical injury on ornamental plants. (10marks)
- b) Outline the effects of the following on garden plants:
  - i) Beetles (3marks)
  - ii) Mealie bugs (2marks)
  - iii) Termites (3marks)
  - iv) Leaf hoppers (2marks)

QUESTION 5

Draw a home landscape plan to scale with a house at the centre, 10 hard features and five (5) soft features. (20marks)

QUESTION 6

- a) Outline the importance of palms in the landscape designing. (5marks)
- b) Discuss rockery maintenance. (5marks)
- c) Name any five (5) plants suitable for bonsai in Zimbabwe. (5marks)
- d) Name any five (5) varieties of orchids. (5marks)