

Horticulture Production Level 6
HO/OS/HP/CR/04/6/B
Produce Ornamental Plants
3 Hours

SPECIAL/SUPPLEMENTARY WRITTEN ASSESSMENT

INSTRUCTIONS TO CANDIDATES

*Answer ALL questions in sections A and any **THREE** questions in section B.*

SECTION A: (40 MARKS)

Answer ALL questions in this section.

1. Define the term postharvest as applied in ornamental plant production (2 Marks)
2. Identify **four** soilless pot media used to grow ornamentals. (4 Marks)
3. Outline **three** types of ornamental plants (3 Marks)
4. List **four** characteristics of ornamental plants selected for hedging. (4 Marks)
5. Give **four** tools used when training ornamental plants. (4 Marks)
6. List **five** planting materials used in ornamental plants production. (5 Marks)
7. Highlight **three** importance of ornamental plants in landscape gardening. (3 Marks)
8. List **three** advantages of vegetative propagation in ornamentals production (3 Marks)
9. Outline **two** methods of collecting soil samples before planting ornamentals (2 Marks)
10. State **three** factors considered when sourcing ornamentals planting material (3 Marks)
11. Highlight **three** benefits of growing ornamental plants in a greenhouse. (3 Marks)
12. Outline **four** importance of pruning ornamental plants. (4 Marks)

SECTION B (60 MARKS)

Answer any three questions from this section.

13. a) Discuss **five** factors to consider when selecting a site for ornamental plants. (10 Marks)
- b) Explain **five** benefits of training ornamentals. (10 Marks)
14. a) Describe **five** cultural ways of controlling weeds from ornamental plants. (5 marks)
- c) Explain **five** problems experienced during acclimatizing in-vitro plants. (10 marks)
- d) State **five** benefits of growing ornamental plants in Kenya. (5 marks)
15. a) Explain **five** methods you recommend for managing ornamental plant diseases. (10marks)
- b) Discuss **five** challenges faced by ornamental plants growing farmers (5 marks)
- c) Highlight **five** benefits of mulching field with ornamental plants. (5marks)
- 16 a) Describe **five** benefits of primary cultivation during establishment of ornamental plants. (10 marks)
- b) Describe good agricultural practices (GAP) in relation to:
- i. Sourcing planting materials for ornamentals (5 marks)
- ii. Application plant protection products for ornamentals. (5 marks)