



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## UNIVERSITY EXAMINATIONS 2023/2024

FIRST YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN  
AGRICULTURAL EXTENSION

**HO/OS/HP/CR/04/6B: PRODUCE ORNAMENTAL PLANTS**

**DATE: APRIL 2023**

**TIME: 3HOURS**

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**INSTRUCTIONS: Answer Question ONE and any other THREE questions.**

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### QUESTION ONE (40 MARKS)

1. Define the term ornamental plant according to your own knowledge. (2 Marks)
2. Identify four soilless pot media used to grow ornamentals. (4 Marks)
3. Give three types of ornamental plants (3 Marks)
4. List four ways of classifying ornamental plants. (4 Marks)
5. Give four tools used when spraying pesticides on ornamental plants. (4 Marks)
6. List five benefits of irrigating ornamental plants. (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 information to indicate soil sample bags before sending for analysis (2 Marks)
10. State three factors considered when spacing ornamentals planting material (3 Marks)
11. Highlight three benefits of growing ornamental plants in in your learning institution. (3 Marks)
12. Outline four importance of pruning ornamental plants. (4 Marks)

### QUESTION TWO (60MARKS)

13. a) Discuss five features of a good site for ornamental plants nursery. (10 Marks)
- b) Explain five features of a greenhouse used for ornamentals production. (10 Marks)



14. a) Describe five cultural ways of controlling weeds from ornamental plants.(5 marks)
- a. Explain five management practices of ornamental plants. (10 marks)
  - b. State five benefits of soil testing before establishing ornamental plants in Kenya. (5 marks)
15. a) Explain five pest scouting tools you recommend for managing ornamental. (10marks)
- b) Discuss five benefits of carrying out primary cultivation to ornamental plants growing farmers (5 marks)
  - c) Highlight five benefits of mulching field with ornamental plants. (5marks)
- 16 a) Describe five benefits of organic manure application during establishment of ornamental plants. (10 marks)
- b) Describe good agricultural practices (GAP) in relation to:
    - i. Irrigating ornamental plants (5 marks)
    - ii. Application of fertilizer on ornamentals. (5 marks)

