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DAH 086



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY  
MAIN CAMPUS  
UNIVERSITY EXAMINATIONS  
2023/2024 ACADEMIC YEAR**

**THIRD YEAR FIRST SEMESTER EXAMINATIONS  
MAIN EXAMINATION  
FOR**

**DIPLOMA IN HORTICULTURE**

**COURSE CODE: DAH 086**

**COURSE TITLE: ORNAMENTAL HORTICULTURE AND  
LANDSCAPING**

**DATE: 14.12.23**

**TIME: 3-5PM**

**INSTRUCTIONS TO CANDIDATES**

**Answer ALL Questions in Section A and any TWO other Questions in Section B**

*MMUST observes ZERO tolerance to examination cheating*

*This paper consists of 2 printed pages. Please turn over*

**SECTION A: ANSWER ALL QUESTIONS (40 MARKS)**

1. Briefly define the following terms

- a) Ornamental Horticulture (2marks)
- b) Landscaping (2 marks)
- c) Xeriscaping (2 marks)
- d) Floral design (2 marks)
- e) Pruning (2 marks)

2. a) Name **TWO** major categories of Ornamental Horticulture. (2 marks)
- b) Outline **TEN** examples of ornamental and Landscape plants (5marks)
- c) State **THREE** main types of pests that can damage ornamental plants (3marks)

3. Write short notes on the following;

- a) Annual, biennial and perennial ornamental plants citing examples. (6 marks)
- b) Pergola (2marks)
- c) Espalier (2marks)

4. a) State **FIVE** uses of ornamental plants (5 marks)
- b) Differentiate between Ornamental Horticulture and other branches of horticulture. (5 marks)

**SECTION B: ANSWER ANY TWO QUESTIONS (30 MARKS)**

5. Ornamental Horticulture and Landscaping is contributing to our economy through foreign exchange and making our country one of the most beautiful places in the world through landscaping. Discuss;

- a) Importance of Ornamental Horticulture in Kenya (5marks)
- b) Challenges facing Ornamental Horticulture and Landscaping (5marks)
- c) Sustainable Horticulture Practices (5marks)

6. a) Explain the concept of landscape design in Ornamental Horticulture. (5 mark)
- b) Discuss the fundamental elements of landscape design. (10 marks)

7. Write short notes on the following

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- a) The principles of pest and disease management in ornamental horticulture under integrated pest management (IPM) strategies. (5 marks)
- b) Landscape Design Process (5marks)
- c) Shrubs and Trees in landscaping (5 marks)

