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DAH 083



**MASINDE MULIRO UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER EXAMS

FOR

DIPLOMA IN HORTICULTURE

COURSE CODE: DAH083

COURSE TITLE: FLORICULTURE

TO FLORICULTURE

DATE: 11.12.23

TIME: 3-5PM

INSTRUCTIONS TO CANDIDATES

Answer all questions in section A and any THREE in section B including A and B respectively.

MMUST observes zero tolerance to exam cheating

SECTION A: ANSWER ALL QUESTIONS (30 MARKS)

1. Give examples of three cut flowers used for bouquets and for vase arrangements (3 Marks)
2. Mention at least three flowers that yield value added products (3 Marks)
3. Grass grown as green carpet is also known as? (2 Marks)
4. Mention flower seeds that loose viability 6 months to 1 year (4 Marks)
5. Mention three roses. Rootstocks commonly used by nursery men (4 Marks)
6. Describe the following;
 - a) Pulsating in conditioning of cut flowers (3 Marks)
 - b) Cold storage (3 Marks)
 - c) Micro Propagation (4 Marks)
 - d) Seed Coating (3 Marks)
 - e) Protected Cultivations (2 Marks)

SECTION B (40 MARKS)

Out of 4, answer only 3 questions (Including a and b sections)

1.
 - a) Describe stratification as applied to seed germination (5 Marks)
 - b) Compare and contrast stratification and scarification (5 Marks)
2.
 - a) Describe a good soil porosity (4 Marks)
 - b) Carbon dioxide enrichment (6 Marks)
3.
 - a) Differentiate the sexual and asexual propagation in flower production (13 Marks)
 - b) The relevance of greenhouse technology in floriculture (7 Marks)
4.
 - a) Outline 4 different protective structure used in growing of ornamentals (12 Marks)
 - b) Discuss the greenhouse effect with respect to growing of flowers (8 Marks)