



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF HEALTH, NATURAL RESOURCES AND APPLIED SCIENCES

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES SCIENCES

DEPARTMENT OF AGRICULTURAL SCIENCES AND AGRIBUSINESS

QUALIFICATION: BACHELOR OF SCIENCE IN HORTICULTURE	
QUALIFICATION CODE: 07BHOR	LEVEL: 7
COURSE CODE: TGL620S	COURSE NAME: TURF GRASS AND LANDSCAPE MANAGEMENT
DATE: NOVEMBER 2024	PAPER: 1
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	DR EDGAR MOWA
MODERATOR:	DR GRACE KANGUEEH

INSTRUCTIONS
<ol style="list-style-type: none">1. Answer all the questions.2. Write neatly and clearly.3. Mark all answers clearly with their respective question numbers.4. All written work MUST be done in blue or black ink.5. No books, notes and other additional aids are allowed.

PERMISSIBLE MATERIALS

1. Calculator
2. Examination paper
3. Examination script

THIS QUESTION PAPER CONSISTS OF 2 PAGES
(Excluding This Front Page)

Question 1**[3 MARKS]**

1.1 Explain the key factors affecting mowing quality.

Question 2**[3 MARKS]**

2.1 Describe the uses of turfgrasses in Namibia.

Question 3**[5 MARKS]**

3.1 Define the following terminologies:

- (a) Auricle
 - (b) Sod
 - (c) Symmetrical balance
 - (d) Vernation
 - (e) Utility turf
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Question 4**[9 MARKS]**

4.1 How can you save water whilst watering your lawns?

Question 5**[12 MARKS]**

5.1 What criteria would you use to select turfgrass for Keetmanshoop and Grootfontein towns?

Question 6**[12 MARKS]**

Describe the basic morphology of turfgrass.

Question 7**[16 MARKS]**

7.1 You are contracted to renovate lawns in all parks for the City of Windhoek, which have dried out due to lack of care. Explain the steps you are going to follow to renovate the lawns to their former glory.

Question 8

[20 MARKS]

8.1 Discuss the factors that influence creation of fertility programs for turfgrass.

Question 9

[20 MARKS]

9.1 You are booked for a session with the Arandis Town Council to assist them incorporate the elements of landscape design in their town designing. Discuss the elements you are going to highlight to them.

END OF QUESTION PAPER