



PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF HEALTH, NATURAL RESOURCES AND APPLIED SCIENCES

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES SCIENCES

QUALIFICATION: BACHELOR OF SCIENCE IN HORTICULTURE	
QUALIFICATION CODE: 07BHOR	LEVEL: 7
COURSE CODE: TGL620S	COURSE NAME: TURF GRASS & LANDSCAPE MANAGEMENT
DATE: NOVEMBER 2022	
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Dr Edgar Mowa
MODERATOR:	Dr Grace N. Kangueehi

INSTRUCTIONS
<ol style="list-style-type: none">1. Answer ALL the questions.2. Write clearly and neatly.3. Number the answers clearly.

PERMISSIBLE MATERIALS

1. Examination question paper
2. Answering book

THIS QUESTION PAPER CONSISTS OF 2 PAGES (Excluding this front page)

Question 1

1.1 Define the following terminologies: (5)

- (a) Agrostology
 - (b) Turf
 - (c) Turfgrass culture
 - (d) Asymmetrical balance
 - (e) Sod production:
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Question 2

2.1 Which important rules will you advise someone who intends to mow their lawn for the first time? (5)

Question 3

3.1 Why does turfgrass perform better when photosynthesis is greater than respiration? (5)

Question 4

4.1 What will be the negative influences of improper mowing? (6)

Question 5

5.1 How can one identify Nitrogen, Phosphorus and Potassium (NPK) deficiency in turf grass. (6)

Question 6

6.1 What role does Nitrogen, Phosphorus, and Potassium play in turfgrass? (6)

Question 7

7.1 What are the benefits of a lawn at home, park, public area, or school ground? (6)

Question 8

8.1 Discuss the key factors for keeping weeds away from a home lawn? (10)

Question 9

9.1 Describe the three turfgrasses used in Namibia (15)

Question 10

10.1 Discuss the fertiliser requirements of turfgrass. (16)

Question 11

11.1 The Rundu Town Council's new management is redesigning all its parks and green spaces and has hired you as a consultant to help them doing so whilst considering the principles of landscape design. Discuss how you will apply such principles. (20)
