



PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF HEALTH, NATURAL RESOURCES AND APPLIED SCIENCES

DEPARTMENT OF AGRICULTURAL SCIENCES AND AGRIBUSINESS

QUALIFICATION: BACHELOR OF SCIENCE IN HORTICULTURE	
QUALIFICATION CODE: 07BHOR	LEVEL: 7
COURSE CODE: CPN610S	COURSE NAME: CROP PRODUCTION
DATE: JUNE 2024	
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Mr. C. L. Akashambatwa
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INSTRUCTIONS
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. Explain what horticulture is.? [2]
- 1.2. Name at least any four of the horticulture division/branches [4]
- 1.3. What are the divisions in horticulture which deal with vegetables and grapes called, respectively? [2]
- 1.4. Identify the three different categories of markets found under the vegetable industry [3]
- 1.5. There are various ways in horticulture on how vegetables are classified, list all the classifications as taught in class [7]

Question 2

- 2.1. Fully describe pollination and fertilization in Zea mays [5]
- 2.2. Explain the different tillage practices. [6]
- 2.3. Fully explain tillage implements used for agronomic purposes and their purposes. [4]
- 2.4. Pearl Millet is of economic value to Namibia, discuss the new varieties developed after independence and list the characteristics obtained with the improved varieties [6]

Question 3

- 3.1. Explain how lettuce should be stored and transported after harvesting [8]
- 3.2. Fully discuss the climatic requirements of cowpeas. [10]
- 3.3. Briefly explain the economic importance of sunflower. [6]
- 3.4. Why is Pearl millet widely adapted to extreme environments? [2]

Question 4

- 4.1. There are two basic types of plant propagation in fruit tree production. Name them and

- briefly explain them [6]
- 4.2. Fully describe the stages of development of the deciduous fruit tree [9]
- 4.3. Fully describe Banana's climatic, soil, and fertiliser requirements [8]
- 4.4. Describe the sowing methods of Banana [4]
- 4.6. Name and discuss various ways of obtaining nitrogen requirement in a maize field. [8]

[END]