

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: JULY 2024	
DURATION: 3 HOURS	MARKS: 100

SECOND OPPORTUNITY/SUPPLEMENTARY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Mr. C. L. Akashambatwa
MODERATOR:	DR. E. Mowa

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

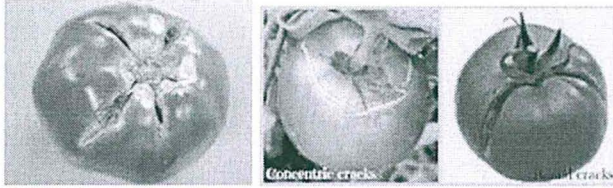
PERMISSIBLE MATERIALS

1. Examination question paper
2. Answering book

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

Question 1

1.1. Identify and fully explain the problem in the picture bellow, and explain how it can be prevented [10]



1.2. What is staking in horticulture and what is its purpose? [4]

1.3. Fully describe the climatic and soil requirements of lettuce [10]

1.4. Explain how lettuce should be stored and transported after harvesting [7]

1.5. Distinguish between deciduous and evergreen fruit trees. [5]

Question 2

2.1. Give six (6) objectives of pruning [6]

2.2. Describe the soil requirements of papaya fruit [3]

2.3. Name three seedless grapes produced in Namibia, and mention the location of production [4]

2.4. What is training of a grapevine? [5]

2.5. Describe the soil requirements of Okra [5]

Question 3

3.1. Differentiate between aggregate and multiple fruit and give examples of each. [4]

3.2. Describe the soil requirements of Asparagus [5]

3.3. List the stages of fruit development in pome and stone fruits [10]

- 3.4. What are the requirements of a successful cross pollination in fruit trees? [4]
- 3.5. When is pruning of fruit trees done and why during that time of the year? [6]
- 3.6. Describe the soil requirements of sweet potato [6]
- 3.7. Describe the soil requirements for grapes [3]
- 3.8. Name the fruit that originate from one ovary and give three examples of this fruit [3]

TOTAL MARKS [100]