NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF HEALTH, APPLIED SCIENCES AND NATURAL RESOURCES

Department of Agriculture and Natural Resources Sciences

QUALIFICATION: Bachelor of Science in Horticulture	
QUALIFICATION CODE: 07BHOR	**LEVEL:** 6
COURSE: Crop production	**COURSE CODE**: CPN610S
DATE: July 2022	**SESSION:** July
DURATION: 3 Hours	**MARKS:** 100

SECOND OPPORTUNITY/ SUPPLEMENTARY EXAMINATION QUESTION PAPER	
EXAMINER(S):	Mr C. L. Akashambatwa
MODERATOR:	Dr G. Kangueehi

INSTRUCTIONS
1. Answer ALL the questions. 2. Write clearly and neatly. 3. Number the answers clearly.

PERMISSIBLE MATERIALS

1. Examination paper.
2. Examination script.

THIS QUESTION PAPER CONSISTS OF 3 PAGES (Including this front page)

Question 1

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

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

1.3. Describe fully 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 mostly 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 production. **[3]**

3.8. Name the fruit that originate from one ovary and give three examples of this fruit. **[3]**

TOTAL MARKS [100]