



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF HEALTH, NATURAL RESOURCES AND APPLIED SCIENCES
SCHOOL OF AGRICULTURE AND NATURAL RESOURCES SCIENCES
DEPARTMENT OF AGRICULTURAL SCIENCE AND AGRIBUSINESS

QUALIFICATIONS: BACHELOR OF SCIENCE IN HORTICULTURE	
QUALIFICATIONS CODE: 07BHOR	LEVEL: 7
COURSE CODE: AVP720S	COURSE NAME: APPLIED VEGETABLE PRODUCTION
DATE: JANUARY 2025	PAPER: 2
DURATION: 3 HOURS	MARKS: 100

SECOND OPPORTUNITY/SUPPLEMENTARY EXAMINATION QUESTION PAPER	
EXAMINER:	DR MALIATA ATHON WANGA
MODERATOR:	DR FIDELIS MWAZI

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 1 PAGES
(Excluding This Front Page)

Question 1

Provide a brief note on the terminologies below:

[20 Marks]

- A. Food safety (2)
- B. Quality vegetable produce (2)
- C. Horticultural enterprise diversification (2)
- D. Post-harvest losses (2)
- E. Yield in vegetable (2)
- F. Integrated Vegetable Management (IVM) (2)
- G. Economic significance of vegetable (2)
- H. Vegetable value chain (2)
- I. Temperate vegetable crops (2)
- J. Processed vegetables (2)

Question 2

[80 Marks]

- A. Briefly discuss the importance of educating farmers and consumers on the importance of food safety and sources of contamination. (10)
- B. Provide a brief discussion on key health standards from production to marketing in vegetable. (10)
- C. Provide and discuss primary sources of microbial contamination in vegetables industry. (10)
- D. Provide and discuss best practices to prevent microbial contamination in growing vegetables. (10)
- E. Highlight the benefits and disadvantages of introducing agroforestry at small- and large-scale production in Namibia. (10)
- F. Highlight the benefits and disadvantages of organic farming at small- and large-scale production in Namibia. (10)
- G. Provide recommendations needed to improve vegetable value-chain in Namibia. (10)
- H. Discuss the importance of plant breeding and improved seed system in vegetable industry. (10)