



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF HEALTH, NATURAL RESOURCES AND APPLIED SCIENCES

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES SCIENCES

DEPARTMENT OF AGRICULTURAL SCIENCES AND AGRIBUSINESS

QUALIFICATION: BACHELOR OF SCIENCE IN AGRICULTURE	
QUALIFICATION CODE: 07BAGA	LEVEL: 7
COURSE CODE: CVA 621S	COURSE NAME: CONSERVATION AGRICULTURE
DATE: NOVEMBER 2024	PAPER: 1
DURATION: 3 HOURS	MARKS: 100

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

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

QUESTION 1

Define Conservation Agriculture (3)

QUESTION 2

Explain how Conservation Agriculture works (2)

QUESTION 3

How can minimum soil disturbance be achieved? (5)

QUESTION 4

What are the elements of Conservation Agriculture? (8)

QUESTION 5

Explain the aims of Conservation Agriculture or Conservation farming (6)

QUESTION 6

What are the different types of conservation tillage? (6)

QUESTION 7

Explain the difference between conservation tillage and Zero tillage (6)

QUESTION 8

Describe the advantages of conservation tillage methods (4)

QUESTION 9

How does conservation tillage affect the soil? (4)

QUESTION 10

Explain the factors affecting tillage practices (4)

QUESTION 11

In what way CA farming different from conventional farming? (4)

QUESTION 12

Explain the relationship between water harvesting and conservation agriculture (4)

QUESTION 13

Who are the agents in support of training and promotion of CA in Africa? (6)

QUESTION 14

How is conservation Agriculture different from agriculture as it is practiced today? (8)

QUESTION 15

How does agriculture impact the environment, society, and the economy? (8)

QUESTION 16

Explain what is meant by Healthy soil? (6)

QUESTION 17

Explain what water conservation is and how do sustainable farms conserve water (6)

QUESTION 18

What are the goals of sustainable farming? (6)

QUESTION 19

List four disadvantages of traditional tillage (4)

TOTAL MARKS (100)