



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF HEALTH, NATURAL RESOURCES AND APPLIED SCIENCES

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES SCIENCES

QUALIFICATION : BACHELOR OF AGRICULTURE	
QUALIFICATION CODE: 07BAGA	LEVEL: 7
COURSE CODE: SUA721S	COURSE NAME: Sustainable Urban Agriculture
DATE: NOVEMBER 2022	
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Mr. Alexander Kambai Meroro
MODERATOR:	Mr. Clifford Akashambatwa

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 1 PAGE (Excluding this front page)

Question 1	
Define the term Sustainable Urban Agriculture and Sustainable Agriculture	(4)
Question 2	
Explain why sustainable urban agriculture its importance	(4)
Question 3	
Identify the health benefits associated with Sustainable Urban Agriculture	(7)
Question 4	
Identify the problem related or associated to sustainable urban agriculture	(15)
Question 5	
Define the term permaculture systems	(4)
Question 6	
6.1 Explain the principles of permaculture	(4)
6.2 Explain the concepts of natural systems	(4)
Question 7	
Describe the range of permaculture techniques: (forest plantings, mandala gardens, ponds etc.)	(8)
Question 8	
Describe or explain the steps required of how to make compost by a farmer or steps which will assists you in making the compost heap. Farmers should note that there is no single, fixed recipe for making compost as it will depend on the materials available. However, there are principles that should be applied in making compost so that it successful and good humus material is produced.	(15)
Question 9	
You have a vegetable garden, poultry, rabbits, goats, and a dam. Explain to the villagers or community members what each component has to offer to others and what it needs in return from others.	(15)
Question 10	
Chicken farming is becoming more prevalent of sustainable agriculture communities as small groups in towns and villages across Namibia by promoting the keeping of urban flocks. Explain the primary reasons for keeping poultry	(10)
Question 11	
11.1. Explain the impact of sustainable urban agriculture programs on food?	(5)
11.2. Sustainable Urban agriculture is often viewed as environmentally friendly without any negative impacts. In your view or experience, what is the “other side of sustainable urban agriculture	(5)

TOTAL: 100