



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF HEALTH, NATURAL RESOURCES AND APPLIED SCIENCES

SCHOOL OF AGRICULTURE AND NATURAL RESOURCE SCIENCES

DEPARTMENT OF NATURAL RESOURCES SCIENCES

QUALIFICATION : BACHELOR OF NATURAL RESOURCES MANAGEMENT HONOURS (NATURE CONSERVATION)	
QUALIFICATION CODE: 08BHNC	LEVEL: 8
COURSE CODE: WLM821S	COURSE NAME: WILDLIFE MANAGEMENT
DATE: NOVEMBER 2024	
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Mr. Jeremia K.L. Amutenya
MODERATOR:	Dr Mark Bilton

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. None

THIS QUESTION PAPER CONSISTS OF 1 PAGE (Excluding this front page)

QUESTION 1 (Principles of Wildlife Management)

1.1. "It's fascinating how these elephants are rural wealth-generating assets where they stand, but the very millisecond they cross a line drawn on a map, their value disappears and they are transformed into a devastating liability". **Explain** this quote in detail. (15)

1.2. Discuss **why** smaller areas require more intensive wildlife management. (5)
[20]

QUESTION 2 (Wildlife Monitoring)

Camera traps have become an important monitoring tool for wildlife management. Evaluate this statement with guidance from the categories below:

2.1. The wildlife monitoring information they can provide. (10)

2.2. What management information **cannot** be extracted/collected from camera trap monitoring data? (10)

[20]

QUESTION 3 (Human-Wildlife Conflict)

Human-wildlife conflict (HWC) incidents have been increasing over the years and this is of great concern for Senior management within the Ministry of Environment, Forestry and Tourism. Develop a **detailed plan** for the Ministry on how they can **mitigate** the **negative impact** of HWC on the community and enhance co-existence. (20)

[20]

QUESTION 4 (Otjikoto Game count)

With reference to the Game count you conducted at B2Gold Otjikoto Nature Reserve, answer the below question. (10)

What did the game count **not achieve** and **why not**? How could it have been **improved** to achieve monitoring objectives?

[10]

QUESTION 5 (Wildlife Health Management)

Managing diseases in wildlife is significantly difficult compared to livestock. **Motivate** this statement using examples where appropriate. (10)

[10]

QUESTION 6 (Wildlife Resource Economics)

Discuss wildlife as an economic commodity in Namibia. Refer to the following using examples where appropriate: (a) types of wildlife use, (b) effects on the national economy, (c) effects on communal areas, (d) effects on commercial properties, (e) conservation challenges that a focus on wildlife economics bring and (f) threats to realising the full economic potential from wildlife use. (20)

[20]

END OF QUESTION PAPER