



**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**

<b>QUALIFICATION : BACHELOR OF NATURAL RESOURCES MANAGEMENT HONOURS (NATURE CONSERVATION)</b>	
<b>QUALIFICATION CODE: 08BHNC</b>	<b>LEVEL: 8</b>
<b>COURSE CODE: WLM821S</b>	<b>COURSE NAME: WILDLIFE MANAGEMENT</b>
<b>DATE: JANUARY 2025</b>	
<b>DURATION: 3 HOURS</b>	<b>MARKS: 100</b>

<b>SECOND OPPORTUNITY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	Mr. Jeremia K.L. Amutenya
<b>MODERATOR:</b>	Dr Mark Bilton

<b>INSTRUCTIONS</b>
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. **Explain** the concept of Adaptive Management and its **application** in wildlife management and **provide details** of its importance towards the management of wildlife resources. (15)
- 1.2. Physical management of wildlife is complex and can be done in various ways. Assess each of the management strategies below and decide how you will manage wildlife under each strategy, and why. (19)
- 1.2.1 A small trophy hunting farm of 3,000 hectares in the central shrub and tree savanna of Namibia. (5)
- 1.2.2 A multi-use conservation landscape, such as the Etosha South-West Landscape, which includes Etosha National Park, Etosha Heights Private Reserve, commercial farms and communal conservancies. (8)
- 1.2.3 The overall management of elephants in Namibia. (7)

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**QUESTION 2** (Wildlife Monitoring)

With reference to the Wildlife Census you conducted at B2Gold's Otjikoto Nature Reserve, answer the below questions:

- 2.1. What wildlife management **benefit** did the game count have? (10)
- 2.2. What did the game count **not achieve**? Why not? How could it have been improved to achieve this? (10)
- 2.3. From the results of the game count, what **recommendations** would you make for improved wildlife counting on the game farm? (5)

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**QUESTION 3** (Human-Wildlife Conflict)

- 3.1. Human-wildlife conflict in Namibia takes many forms. **Discuss two specific** human-wildlife conflict types which threaten human livelihoods and wildlife populations, and how they should be mitigated. (10)
- 3.2. The Revised National Policy on Human Wildlife Conflict Management is based on several fundamental principles. **Discuss** those principles and indicate how they intend to ensure wildlife preservation in Namibia. (10)

[20]

**QUESTION 4** (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)

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END OF QUESTION PAPER