



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

Faculty of Health, Applied Sciences and Natural Resources

School of Agriculture and Natural Resources

Department of Natural Resources Sciences

QUALIFICATION : Bachelor of Natural Resource Management Honours	
QUALIFICATION CODE: 08BNRH	LEVEL: 8
COURSE: CONSERVATION BIOLOGY	COURSE CODE: CSB810S
DATE: JUNE 2025	
DURATION: 3 (THREE) HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Dr T. Nzuma
MODERATOR:	Prof. H. Ndagurwa

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. Examination question paper
2. Answering book
3. Calculator

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

Question 1

[15]

- a) Define the concepts of ecosystem resilience and ecological integrity. Provide one example from Namibia for each. (6 marks)
- b) How do diverse ecosystems contribute to Namibia's resilience to climate change and drought? (9 marks)

Question 2

[20]

- a) Discuss two threats to Namibia's endangered species and give an example for each. (8 marks)
- b) Explain how ex situ and in situ conservation approaches are applied in Namibia. Give one example of each. (12 marks)

Question 3

[30]

Write an essay discussing the importance of protected area networks and ecological connectivity for species conservation in Namibia.

Question 4

[35]

- a) Identify and explain three environmental policies or strategies used in Namibia to promote biodiversity conservation. (10 marks)
- b) How can Namibia balance biodiversity conservation and economic development? Discuss with two sectoral examples. (10 marks)
- c) Design a policy intervention to reduce overgrazing in a semi-arid communal area. Include ecological and social components. (15 marks)

THE END

Total Marks: 100