



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

Faculty of Natural Resources and Spatial Sciences

Department Natural Resources and Agricultural Sciences

QUALIFICATION : Bachelor of Natural Resource Management Honours (Nature Conservation)	
QUALIFICATION CODE: 08BHNC	LEVEL: 8
COURSE: Conservation Biology	COURSE CODE: CSB810S
DATE: July 2019	SESSION:
DURATION: 3 (three) hours	MARKS: 100

<u>SECOND OPPORTUNITY/SUPPLEMENTARY EXAMINATION QUESTION PAPER</u>	
EXAMINER(S)	Mr. T. Nzuma
MODERATOR:	Prof. I. Mapaure

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

INSTRUCTIONS

1. Answer ALL the questions.
2. Write clearly and neatly.
3. Number the answers clearly.

PERMISSIBLE MATERIALS

1. Examination paper.
2. Examination script.
3. Calculator.

Question 1

[20]

Explain the processes of demographic stochasticity in small populations.

Question 2

[20]

Reasons for biodiversity losses are multifaceted and factors may interact synergistically. Explain at any five causes of species population decline.

Question 3

[20]

How does the Island biogeography theory explain the frequently observed "Species-Area" relationship on islands?

Question 4

[40]

During this course, you were given a selected reading relevant to Conservation Biology an article by Gareth Hardin – Tragedy of the Commons.

Answer the questions that follow:

4.1 Briefly summarise the main findings of the reading.

[10]

4.2 Discuss the findings within a conservation biology context, using conservation biology terminology. Your discussion should be critical as well.

[30]

THE END

Total Marks: 100