



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF HEALTH, NATURAL RESOURCES AND APPLIED SCIENCES

DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES SCIENCES

QUALIFICATION: BACHELOR OF NATURAL RESOURCE MANAGEMENT HONOURS (NATURE CONSERVATION)	
QUALIFICATION CODE: 08BNRH	LEVEL: 8
COURSE CODE: INM821S	COURSE NAME: INTEGRATED ENVIRONMENTAL MANAGEMENT
DATE: NOVEMBER 2022	
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Prof. M. Hauptfleisch Dr. T. Nzuma
MODERATOR:	Dr. P. Tarr

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 2 PAGES (Excluding this front page)

Question 1

Define the following terms, using examples:

- a) Environmental Impact (2)
- b) Environmental Aspects (2)
- c) Environmental Management (2)
- d) Environmental Management System (2)
- e) Environmental Compliance (2)
- f) Risk (2)
- g) Risk Assessment (2)
- h) Stakeholders (2)
- i) Public Participation (2)
- j) Cleaner production (2)

[20]

Question 2

“Integrating environmental protection and conservation goals into industrial development is an effective way to ensure sustainable development. It is more effective than holding the industry to strict environmental regulation.”

Analyse and discuss the abovementioned statement using an appropriate example from the Namibian industry to support your opinion.

(40)

Question 3

Give any five comparative differences between a project-level Environmental Impact Assessment (EIA) and a Strategic Environmental Assessment (SEA).

[10]

Question 4

- a) Briefly consider future directions for SEA development, noting how it might be used as a tool for assessing the sustainability of proposals. (10)
- b) Discuss the practicalities of such an approach in removing the existing Veterinary Cordon Fence (VCF) in Namibia highlighting the risks and mitigation options. In your answer draw lessons learnt from Namibia's Strategic Environmental Assessment of the Millennium Challenge Programme. (20)

[30]

THE END

Total Marks: 100