



PAMIBIA 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: JANUARY 2023	
DURATION: 3 HOURS	MARKS: 100

SECOND OPPORTUNITY/SUPPLEMENTARY 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 1 PAGE (Excluding this front page)

Question 1

[35]

Integrated Environmental Management is a principle that ensures effective mitigation of environmental impacts.

(a) Outline five characteristics of IEM.

(5)

(b) Use two examples from Southern Africa to demonstrate where Integrated Environmental Management has been used to effectively reduce environmental impacts and improve sustainable development.

(30)

Question 2

[32]

A community campsite is planned for King Nehale Conservancy adjacent to Etosha National Park. Choose two environmental aspects, and for each aspect choose two impacts and complete the standard impact assessment table for each, including mitigation measures.

Question 3

[8]

Why value ecosystem services as part of the EIA process? Discuss.

Question 4

[25]

Proposed by Sherry Arnstein in 1969, is one of the most widely referenced and influential models in the field of democratic public participation.

a) Give the name of Arnstein's participation model and list the eight rungs of her ladder.

(10)

a) Dare we jump off Arnstein's ladder? Using Arnstein's model of participation describe the level of participation reached in any one of the EIAs reviewed in this course.

(15)

THE END

Total Marks: 100