



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF NATURAL RESOURCES AND SPATIAL SCIENCES

DEPARTMENT OF ARCHITECTURE AND SPATIAL PLANNING

QUALIFICATION: Bachelor of Regional and Rural Development	
QUALIFICATION CODE: 07BRAR	LEVEL: 7 CREDITS: 12
COURSE CODE: NRS711S	COURSE NAME: Natural Resources and Sustainable Development
SESSION: June 2019	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Ms. Jane Gold
MODERATOR:	Ms. Britta Hackenberg

INSTRUCTIONS
<ol style="list-style-type: none">1. Read the entire question paper before answering the questions.2. Please write clearly and legibly.3. You MUST answer ALL QUESTIONS as directed under each section.4. Make sure your Student Number is on the Examination Booklet.

PERMISSIBLE MATERIALS

1. None

THIS QUESTION PAPER CONSISTS OF 3 PAGES (Including this front page)

QUESTION 1

Explain each of the following terms and provide at least one good explanation of how they are significant concepts in understanding Natural Resource Management:

- a. Ecosystem Service (10)
- b. Ecological Footprint (10)
- c. Good Governance (10)

[30]

QUESTION 2

- a. If Planet Earth has a natural capacity to hold human and human activities, beyond which life on Earth will go over the tipping point and no longer be sustainable. What actions would you recommend making certain that survival on planet Earth does not reach that tipping point? (10)

[10]

QUESTION 3

- a. What is the difference between equality and equity in accessing natural resources? (5)
- b. Discuss how gender awareness and access to natural resources can be affected by both equality and equity. (5)
- c. Which of the above terms gives the better understanding of gender in Natural Resource Management? And give two reasons for your answer (5)

[15]

QUESTION 4

Describe the cycle that should be followed to ensure sustainable development in Namibia's fishing industry. You may use a diagram to illustrate your argument. (10)

[10]

QUESTION 5

Environment minister Pohamba Shifeta has said that about 68,000 rare trees were illegally cut down in Kavango East during February 2019.

- a. Demonstrate through a good argument whether, in your opinion, the forests of Kavango East are being sustainably managed. (10)
- b. Provide a strategy for managing the forest resource in the Kavango East, bearing in mind that there are multiple users and uses for the forests. (10)

[20]

QUESTION 6

What, in your opinion is the way forward to ensure that the principles of sustainable development are applied in Namibia? (15)

[15]

TOTAL EXAM MARKS 100

END OF EXAM