



**NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF NATURAL RESOURCES AND SPATIAL SCIENCES**

**DEPARTMENT OF ARCHITECTURE AND SPATIAL PLANNING**

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

<b>SECOND OPPORTUNITY / SUPPLEMENTARY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	Ms. Jane Gold
<b>MODERATOR:</b>	Ms. Britta Hackenberg

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

**PERMISSIBLE MATERIALS**

1. None

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

**QUESTION 1**

Answer the following questions:

- a. Demonstrate how gender sensitivity assists in promoting a balanced understanding for environmental sustainability. Give an example to advance your case. (10)
- b. Discuss how different ecological footprints have a different impact on the environment when getting to university each day. Provide two recommendations for reducing ecological footprints for getting to school. (10)

[20]

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**QUESTION 2**

Explain how the following are significant concepts for understanding Natural Resource Management and Sustainable Development:

- a. Earth Systems (10)
- b. Carrying capacity (10)
- c. Good Governance (10)

[30]

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**QUESTION 3**

- a. Discuss the cycle that should be followed to ensure sustainable development in Namibia's timber harvesting industry. You may use a diagram to illustrate your argument. (10)
- b. Identify five different reasons that forests are harvested in Namibia and justify if the activity is sustainable or not. (10)

[20]

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**QUESTION 4**

- a. Provide a brief overview of the situation of the world oceans with regard to sustainability. (10)
- b. Identify the actions that the Government of Namibia's fisheries sector is taking to ensure sustainability of marine fish and seals. (10)
- [20]**
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**QUESTION 5**

Debate if it is possible for the mining industry in Namibia to contribute towards sustainable development? (10)

**[10]**

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**TOTAL MARKS FOR EXAM 100**

**END OF EXAM**