



**NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY**

**FACULTY OF ENGINEERING AND SPATIAL SCIENCES**

**DEPARTMENT OF ARCHITECTURE AND SPATIAL SCIENCES**

<b>QUALIFICATION: BACHELOR OF REGIONAL AND RURAL DEVELOPMENT</b>	
<b>QUALIFICATION CODE: 07BRAR</b>	<b>LEVEL: 7</b>
<b>COURSE CODE: ASP720S</b>	<b>COURSE NAME: APPLIED SPATIAL PLANNING</b>
<b>DATE: JULY 2022</b>	<b>PAPER: THEORY</b>
<b>DURATION: 3 HOURS</b>	<b>MARKS: 100</b>

<b>SECOND OPPORTUNITY/SUPPLEMENTARY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	Dr. Laudika J Kandjinga
<b>MODERATOR</b>	Mr. C Beukes

<b>INSTRUCTIONS</b>
<ol style="list-style-type: none"><li>1. Read the entire question paper before answering the questions.</li><li>2. Read each question carefully and address all parts of the questions</li><li>3. Answer <b>ALL</b> the questions.</li><li>4. Answers may be written in any order but must be legibly numbered</li><li>5. Please write clearly and legibly.</li><li>6. Make sure your Student Number is on the EXAMINATION BOOK(s).</li></ol>

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

**Question 1**

There are different approaches to spatial planning from one Member State to another. Provide the characteristic of the following approaches to spatial planning:

- (a) The regional economic planning approach. (4)
- (b) The comprehensive integrated approach. (3)
- (c) The traditional land-use management. (3)

**[10]**

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**Question 2**

- (a) Describe the importance of conducting the physical and environmental analysis. (6)
- (b) Spatial Analysis for strategic spatial planning involves specific questions. Outline these questions. (8)
- (c) Synthesizing and Shaping Spatial Argument involves several questions. Outline eight questions to be answered (considered) when shaping the spatial argument. (8)
- (d) Discuss the following Spatial Analysis Concepts and provide a relevant example for each:
  - (i) Rural nodes and service centres. (3)
  - (j) Corridors and activity spines/ routes. (2)

**[27]**

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**Question 2**

Based on the Luxembourg case study, discussed in class, explain why the following were considered as Spatial Planning Challenges:

- (a) Unbalanced territorial organization. (8)
- (b) Reflects changes in society and individual demands. (6)
- (c) Negative impact on the remaining natural areas. (6)

**[20]**

**Question 3**

Land Use Planning approaches have changed over the past 40 years. Note that some phases overlap and are different from country to country. Name three phases and provide at least four characteristics of each. (3x5). (15)

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[15]

**Question 4**

- (a) One of the Integrated Regional Land Use Plan (IRLUP)'s components is the "Participatory land-use planning reports, which provide significant inputs into the IRLUP. This report is based on the stakeholders and residents of the respective constituencies. Briefly outline the main aims of the constituency. (6)
- (b) Regarding the Kongola Constituency Workshop, briefly explain why tourism and conservation led to lengthy discussions in several groups. (8)
- (c) Briefly discuss the importance of a regional profile in regional and rural development. (5)
- (d) Describe four limitations of the regional profile. (4)

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[23]

**Question 5**

Briefly explain the *results* of the key challenges in rural development as explained in the National Rural Development Policy (NRDP). (5)

[5]

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**TOTAL MARKS: 100**

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**THE END!**