



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY**

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

DEPARTMENT OF ARCHITECTURE, PLANNING AND CONSTRUCTION

QUALIFICATION: BACHELOR OF REGIONAL AND RURAL DEVELOPMENT	
QUALIFICATION CODE: 07BRAR	LEVEL: 7
COURSE CODE: ASP720S	COURSE NAME: APPLIED SPATIAL PLANNING
DATE: JUNE 2023	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Dr. Laudika J Kandjinga
MODERATOR	Ms. Rosena Mubiana

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

Permissible Items: Pencil, eraser, and ruler

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

QUESTION 1

- (a) Define Spatial Planning. (3)
- (b) Several reasons exist for the introduction of Spatial Planning. Briefly explain these reasons. (8)
- (c) Outline the importance of spatial planning. (5)
- [16]
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QUESTION 2

- (a) Describe the importance/aims of a Physical and Environmental Analysis. (6)
- (b) Synthesis and shaping a spatial argument involve distilling the essential issues, organizing them into a logical argument, and prioritizing issues. During this process, several questions are considered. Outline eight questions to be answered (considered) when shaping the spatial argument. (8)
- [14]
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QUESTION 3

Fortaleza village has severe socio-economic conditions, poorly developed infrastructure and unreliable services. The village has about three thousand people, mainly youth, keen to engage in economic activities and improve the village situation.

- (a) Briefly discuss why involving the community in spatial planning and development activities is essential. (10)
- (b) Assuming that the communities do not want to get involved in the consultation process. What could be the possible reasons in this regard? (4)
- [14]
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QUESTION 4

- (a) The main argument of South Africa's National Spatial Development Framework (NSDF) is to pinpoint areas of 'potential' / comparative advantage for priorities in resource allocation (e.g., infrastructure funding). Describe the criteria for identifying the potential of an area. (10)
- (b) Namibia's National Rural Development Policy (NRDP) has identified several Strategic Approaches to Rural Development. Among these approaches is "*Coordination and Integration of Rural Development Action*". Discuss the characteristics of this specific approach. (10)
- [20]
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QUESTION 5

Integrated Regional Land Use Plan (IRLUP) is an example of spatial planning. IRLUPs are significant in regional planning and development.

- (a) Briefly describe the aims of conducting constituency workshops during the preparation of the Integrated Regional Land Use Plan (IRLUP). (6)
- (b) River X in Zambezi region is approximately 5km in length. Over the years, it has become born of contention between several land use activities competing for it, notably, **tourism versus fishing**. This river has been a source of livelihood for the indigenous community (for fishing and drinking water purposes). However, some old and new lodge owners (for tourism purposes) restrict the community from accessing the river for fishing and fetching water. An urgent amicable solution is required to avoid a catastrophic event. A solution to this situation must benefit both the community and tourism. How will you remedy this situation from a spatial planning perspective? Support your discussion with a self-explanatory diagram (a sketch of the river depicting the interventions *(5 marks for explanation and further 5 marks for the diagram)*) (10)

[16]

QUESTION 6

Regional Councils were required to compile the Regional Development Profile of their respective regions. With this synthesised background, answer the following questions about the regional profile:

- (a) Demonstrate how the regional profile can assist the regional council in ensuring effective regional planning and development. (5)
- (b) Before compiling a regional development profile, several questions need to be considered. Outline at least five of these key questions. (5)
- (c) Briefly discuss the limitations of the regional profile. (3)

[13]

QUESTION 7

Briefly explain the objectives of the Urban and Regional Planning Act, No. 5 of 2018. (7)

[7]

TOTAL MARKS: 100

THE END!