



PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF ENGINEERING AND SPATIAL SCIENCES

DEPARTMENT OF ARCHITECTURE AND SPATIAL SCIENCES

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

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	Dr. Laudika J Kandjinga
MODERATOR	Mr. C Beukes

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 questions3. Answer ALL the questions.4. Answers may be written in any order but must be legibly numbered5. Please write clearly and legibly.6. Make sure your Student Number is on the EXAMINATION BOOK(s).

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

Question 1

(a) Explain the following principles of spatial planning:

(i) Spatial Justice. (4)

(ii) Spatial Resilience. (3)

(b) Briefly discuss at least four reasons that led to the introduction of spatial planning. (8)

(c) Provide a clear distinction between Spatial Planning and Land Use Planning in terms of:

(i) Purpose. (7)

(ii) Delivery and Implementation. (5)

[27]

Question 2

(a) Describe the following Spatial Analysis Techniques:

(i) Settlement Analysis. (5)

(ii) Accessibility Analysis. (6)

(b) Outline eight questions to be answered (considered) when synthesising and shaping the spatial argument. (8)

[19]

Question 3

Read the following passage and answer the following questions. Stepmore Settlement is a rural node in South Africa. It is not an optimal location for a settlement due to inaccessibility, cost of providing services and lack of significant economic opportunities. It is physically separated from the nearby towns by rugged mountains and rivers, rendering it inaccessible to many services providers. In addition, these conditions made it difficult to get basic services and goods to the inhabitant of this settlement. The most developmental problems of this settlement were the lack of economic bases and isolation, including a lack of ICT. If no interventions are taken, the settlement is at risk of deteriorating in the future in terms of the level of services, environmental management, and the welfare of the residents. Therefore, the settlement development plan should address the two scenarios, namely:

1. Some residents (mostly the youth) are likely to move to other areas and towns for better opportunities and services.
2. Some residents may opt to remain in the settlement due to historical roots and investment in houses/plots.

- (a) Discuss why the community (residents) should be consulted/participate in the development process of this settlement. (7)
- (b) How will you engage (consult) the community (residents) on the developmental needs of this settlement? (4)
- (c) Mention four possible reasons (not barriers) that may make the community not to participate in the consultation. (4)
- (d) Briefly discuss five suggestions (what can be done) to get the community involved in the consultation. (10)
- (e) Outline at least eight possible barriers of consultation/participation likely to be encountered? (8)
- (f) Describe at least four appropriate developmental strategies, specifically targeting residents who wish to remain in this settlement (Scenario 1). (4)
- (g) Suggest at least three reasonable strategies/interventions, targeting the residents who may opt to leave this settlement for a nearby town (Scenario 2). (3)
- [40]
-

Question 4

- (a) The National Rural Development Policy (NRDP) pointed out some specific challenges/constraints hindering regional councils and constituency offices from coordinating the line ministry on the issue of rural development. Briefly explain these constraints. (8)
- (b) Constituency workshops can help to provide significant inputs into the Integrated Regional Land Use Planning (IRLUP). Briefly outline the main aims of the constituency workshop. (6)
- [14]

TOTAL MARKS: 100

THE END!