



**PAMIBIA UNIVERSITY**  
OF SCIENCE AND TECHNOLOGY

**FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT**

**DEPARTMENT OF ARCHITECTURE, PLANNING AND CONSTRUCTION**

<b>QUALIFICATION:</b> BACHELOR OF REGIONAL AND RURAL DEVELOPMENT	
<b>QUALIFICATION CODE:</b> 07BRAR	<b>LEVEL:</b> 7
<b>COURSE CODE:</b> ASP720S	<b>COURSE NAME:</b> APPLIED SPATIAL PLANNING
<b>DATE:</b> JUNE 2025	<b>PAPER:</b> THEORY
<b>DURATION:</b> 3 HOURS	<b>MARKS:</b> 100

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

<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. Ensure your Student Number is on the EXAMINATION BOOK(s).</li></ol>	

**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) In your opinion, briefly discuss why there is a need for spatial planning in Namibia. (5)
- (c) What is the central importance of physical and environmental analysis? (6)
- (d) Spatial Analysis requires a good understanding of processes of Spatial Change. Briefly discuss any four (4) processes of spatial changes. (8)
- (e) Discuss the following spatial analysis techniques in detail. In addition, provide an example of each method:
- (i) Space Economy Analysis. (3)
- (ii) Settlement Analysis. (5)
- (iii) Accessibility Analysis. (8)

**[38]**

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**QUESTION 2**

Several areas in Namibia face challenges similar to those faced by Stepmore Settlement, signifying the need for rural and regional development. In addition, Namibia has diverse physical and natural environments, making accessibility and proper consultation challenging.

- (a) In your own opinion, discuss how you would consult people living in remote areas. Give specific examples. (5)
- (b) Assuming that people do not want to get involved in the development process through consultation. What could be the possible reason for their reluctance to get involved? (4)
- (c) Despite their reluctance to participate in the development process, the community must still be involved and should be consulted. Briefly outline what can be done to ensure communities get involved. (5)

**[14]**

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**QUESTION 3**

The Integrated Regional Land Use Plan (IRLUP) is a practical example of spatial planning in Namibia. It aims to ensure a sustainable utilisation of land in the region. Several regions in Namibia already have their IRLUPS in place, others are currently finalised, and some are to be

completed in future. Given that, answer the following questions related to IRLUP, particularly the Kongola/Omuthiya Constituency Participatory Land Use Plan (PLUP) workshop.

- (a) List and briefly discuss the six aims/ objectives of conducting a constituency PLUP workshop (e.g. Kongola/ Omuthiya Constituency PLUP). (12)
- (b) Draw and explain an appropriate scenario to illustrate conflicts between three competing land uses in any area. (Hints: 10 marks for a self-explanatory diagram and 5 for a clear explanation.) (15)
- (c) Based on the scenario above (Question 3. b), draw and explain the solutions to solve the conflicts between the competing land uses (consider all three land uses). (15)
- (d) To ensure that all land use proposals of the IRLUP are assessed by the Strategic Environmental Assessment, three main criteria are used. Describe these criteria. (6)

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**TOTAL MARKS: 100**

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**THE END!**