



PAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

DEPARTMENT OF ARCHITECTURE, PLANNING AND CONSTRUCTION

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| QUALIFICATION: BACHELOR OF TOWN AND REGIONAL PLANNING | |
| QUALIFICATION CODE: 07BTAR | NQF LEVEL: 6 |
| COURSE CODE: CCS611S | COURSE NAME: CRITICAL CITY STRUCTURE AND COMPONENTS |
| DATE: JUNE 2024 | PAPER: THEORY |
| DURATION: 3 HOURS | MARKS: 100 |

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER

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|--------------------|-----------------------|
| EXAMINER(S) | Mr Jacques Korrubel |
| MODERATOR | Ms Geraldine van Rooi |

INSTRUCTIONS

1. Answer ALL the questions.
2. Questions can be answered in any sequence.
3. Read all the questions carefully before answering.
4. Number the answers clearly.

THIS QUESTION PAPER CONSISTS OF 5 PAGES (Including this front page)

Question 1

The figure below illustrates the spatial distribution, hierarchy, and number of commercial shopping areas that could be found in cities. Provide an explanation why there are only 1x Central Business district, but 3x Regional, 8x Community and 37x Neighbourhood shopping centres in this illustration.

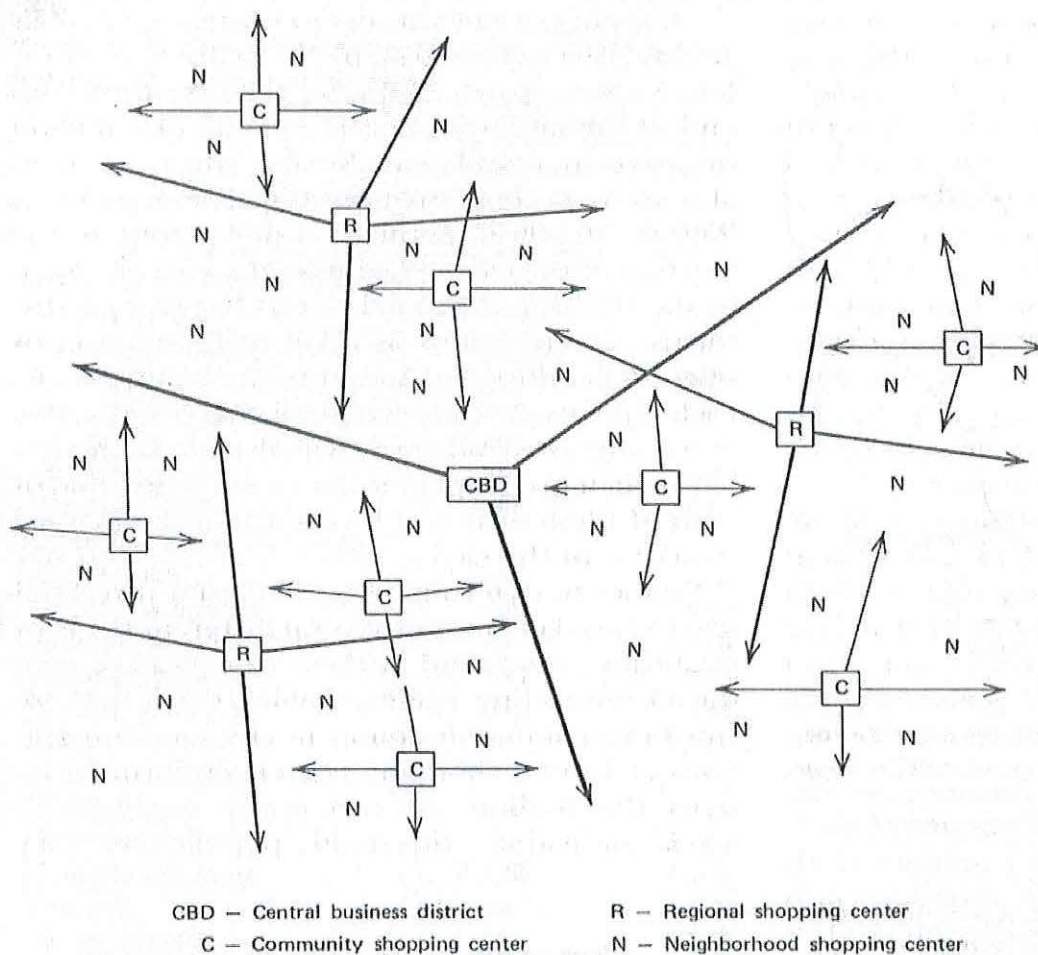


Figure 16-4 Spatial expression of the retail center hierarchy, after Berry. Length of arrows indicates composite ranges of goods and services at each level.

[8]

Question 2

Provide an explanation why it is necessary for Urban and Regional Planning students to study critical city structures and components.

[8]

Question 3

Differentiate between the various distribution patterns of industries that can be identified after their location factors have influenced their final locality.

[7]

Question 4

Describe any 5 of the traditional street patterns that dominate a modern city's formal layout and structural form.

[10]

Question 5

The structure and composition of traditional residential neighbourhoods are being changed by a process called "Invasion and Infill". Provide a detailed explanation of this process.

[10]

Question 6

You are appointed by a company to recommend either Okahandja or Windhoek for their new meat processing factory. Describe the industrial locational factors that you will investigate for you to recommend the most suitable town.

[6]

Question 7

Various methods exist to help a planner determine the appropriate number and size of Public Open Spaces in a community. Describe these methods that are commonly used.

[6]

Question 8

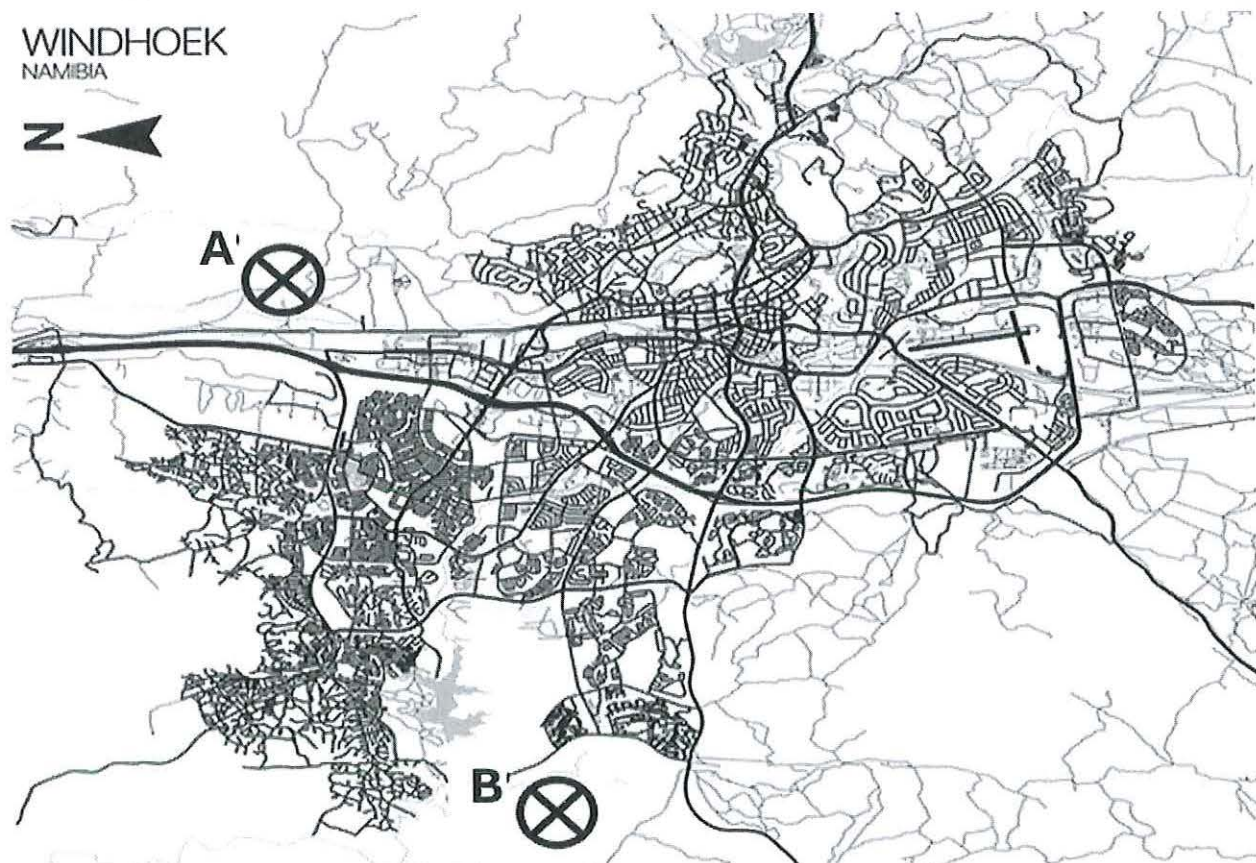
Describe the broad characteristics, as identified by Adriana Allen, of a Peri Urban Area that you would use to define or demarcate it.

[8]

Question 9

“Counter-urbanisation” is one of the subsequent reactions that takes place due to large volumes of people moving to urban settlements via the process of rural-urban migration. Describe the negative effects of counter-urbanisation on the urban settlements where it occurs.

[5]

Question 10

The figure above shows two new potential industrial areas for the City of Windhoek. As an urban planner, which principles or guidelines would you apply to select the most suitable site?

[7]

Question 11

Your client would like to know if their business is within or outside the Central Business District to appeal to the property tax they are paying. What are the different investigations you could do to provide an answer to your client?

[10]

Question 12

Describe the factors that influence the locality of wholesale and warehousing enterprises within a city.

[5]

Question 13

Urban and Regional Planners can rate the utility value of different shopping centres in a town for a specific customer. Describe the method you would use to rate the utility value of shopping centres.

[10]

END

TOTAL [100]