



FACULTY	FACULTY OF AGRICULTURE, ENGINEERING AND NATURAL SCIENCE		
DEPARTMENT	DEPARTMENT OF ENVIRONMENTAL SCIENCE		
SUBJECT	SETTLEMENT GEOGRAPHY		
SUBJECT CODE	GHE 3641		
DATE	JUNE 2022		
DURATION	2 HOURS	MARKS	70

SUPLIMENTARY/SPECIAL EXAMINATION

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External Moderator: Prof. Mulala Danny Simatele (University of the Witwatersrand)

INSTRUCTIONS

1. Present your work as neatly as possible.
2. Answer all the questions.
3. While most of the marks will be awarded for content, candidates must bear in mind the importance of presentation, i.e. insight and critical thinking.
4. This paper consists of 2 pages; including cover page.

EXAMINATION PAPER

Question 1: Definitions [8]

1.1 Define the following concepts:

- 1.1.1 Human Settlement (2)
- 1.1.2 Central place (2)
- 1.1.3 Residential Segregation (2)
- 1.1.4 Sustainable Development (2)

Question 2: Origins and growth of settlement [30]

- 2.1 Briefly describe three ways of how the Neolithic Revolution changed early settlements. (6)
- 2.2 Briefly explain three common advantages of the emergence of farming in the Tigris-Euphrates, the Nile & the Indus rivers. (6)
- 2.3 Briefly distinguish between rural and urban settlements. (4)
- 2.4 Briefly discuss any two of the theories of the origin of urban settlements. (6)
- 2.5 Outline and summarize the structure of the origin of villages in the Southern parts of Namibia. (6)
- 2.6 Identify the ethnic group in Namibia which settles in ring patterned villages? Justify your answer. (2)

Question 3: Models of urban growth [20]

- 3.1 Outline two differences between the concentric and the sector models of urban growth. (4)
- 3.2 Explain three of the assumptions that Christaller made while developing the central place theory. (6)
- 3.3 List any four of the characteristics of an Apartheid city model. (4)
- 3.4 Briefly describe the three K patterns of the Central Place Model and their principles. (6)

Question 4: Windhoek City and sustainable urban development [12]

- 4.1 What three recommendations would you make as key interventions to solve the increasing informal settlements in Windhoek City? Justify your answer. (6)
- 4.2 Identify and evaluate two reasons why Windhoek could still be considered an Apartheid City? (6)

Total Marks: [70]