

FACULTY	AGRICULTURE, ENGINEERING AND NATURAL SCIENCES		
DEPARTMENT	ENVIRONMENTAL SCIENCE		
SUBJECT	SPATIAL ANALYSIS & PLANNING II		
SUBJECT CODE	GSP 3840		
DATE	OCTOBER/NOVEMBER 2021		
DURATION	3 HOURS	MARKS	100

REGULAR EXAMINATION

Examiner: Ms. Rose Mtuleni

Internal Examiner: Dr. E. Hamunyela

External Moderator: Dr. Z.E. Mashimbye

Instructions

1. Work in an orderly manner and present your work as neatly as possible.
2. 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.
3. Number your questions correctly and clearly.
4. This paper consists of two (2) pages (excluding this front page).
5. Answer all questions in Section A and Choose **Two** questions to answer in Section B (Page 3).

SECTION A**Answer All Questions****(50)**

1. In your own words, define the concept of City Primacy. (4)
2. List six artistic principles considered as integral part of spatial definition and creation of urban form. (6)
3. Elaborate on, and describe, the critical variables involved in the development of towns. (10)
4. Discuss the relationship between the processes of Urbanisation, Industrialisation and Development. (10)
5. Demonstrate your understanding of Master Planning as a Strategic planning tool. (10)
6. Elaborate on the importance of strategic voluntary collaboration between local authorities, and outline the limits of practising voluntary strategic collaboration among local authorities of a city region. (10)

SECTION B. Choose any 2 of the 3 questions below to answer

(50)

1. The World Bank refers to Planning instruments as interventions that will result in more desirable land use and urban form outcomes. (25)
 - a) Outline how Planning Instruments are used (5)
 - b) Demonstrate your understanding of Economic Planning Instruments, using examples from Namibia (20)

2. Differentiate between the Sector model, Multiple Nuclei method, and Concentric Zones Model as Theories of Urban Development. Use graphical illustrations to support your answer. (25)

3. Provide a detailed outline of the process followed in the establishment of Townships in Namibia, stating clearly, all actors involved in the process. (25)