



UNIVERSITY
OF
JOHANNESBURG

PROGRAM : NATIONAL DIPLOMA:
Town and Regional Planning

SUBJECT : GEOGRAPHY 1

CODE : GSS1111

DATE : SSA EXAMINATION
28 JULY, 2016

DURATION : 11:30 -14:30

WEIGHT : 50: 50

TOTAL MARKS : 100

ASSESSOR : MR J. OKAFOR

MODERATOR : MR. E. MAKONI

NUMBER OF PAGES : 3 PAGES

INSTRUCTIONS

1. THIS IS NOT AN OPEN BOOK EXAM.
2. READ CAREFULLY.
3. WRITE NEATLY AND LEGIBLY.
4. PLEASE ANSWER ALL QUESTIONS.

QUESTION 1

- 1.1 Industrial regions of Gauteng and Port Elizabeth - Uitenhage vary; explain this in terms of **one factor each** favouring and restricting respectively (5)
- 1.2 Discuss the developed and developing countries population pyramids and tell the lesson for planners based on this. (5)
- 1.3 Explain the different rocks types with example for each and where such are found in South Africa. In addition, briefly summarize the suitability of these rock types for housing development. (10)

TOTAL FOR QUESTION 1 – 20 MARKS

QUESTION 2

- 2.1 Rainfall and temperature intensities differ in cities and rural places. Clearly explain the reason for this and its influence on the climatic conditions. (5)
- 2.2 Explain in detail the economic function that involves both manufacturing and construction activities. (5)
- 2.3 Explain the value of maps, contours lines and photos in planning. Use the idea gained to represent the table below using any type of the graphical tools. (5)

Land use	%
Residential 1	30
Residential 2	25
Residential 3	15
Residential 4	15
Open space	10
Ecological park	5

- 2.4 State the lines and colours used for representing the following on topographic maps. (5)
- a. Farm boundaries
 - b. Rivers and streams
 - c. Primary and secondary roads

TOTAL FOR QUESTION 2 – 20 MARKS

QUESTION 3

- 3.1 Discuss weathering processes and show the implication in town planning. (10)
- 3.2 Write not more than two pages what you understand about Gauteng's urban edge, temperature inversion as well as soil texture and structure. What is your opinion on the importance these in planning? (10)

TOTAL FOR QUESTION 3 – 20 MARKS

QUESTION 4:

- 4.1 Amongst the characteristics of a rural settlement is undeveloped land while high income per capita" in urban. Discuss how these apply. (5)
- 4.2 Explain briefly two factors that impact horizontal temperature differences. (5)
- 4.3. Discuss the general idea of geography for planners and the state two main benefits to young planning students. (10)

TOTAL FOR QUESTION 4 – 20 MARKS

QUESTION 5:

- 5.1 Explain subsistence farming and state why it has been seen as a disaster in South Africa in terms of land use and food security. (5)
- 5.2 Name the two provinces that make up the Savannah region and briefly explain the characteristics of this region. (5)
- 5.3 South Africa resources regions, population growth and urbanization have relationship with basic needs such as water. Discus how and why this relationship amounts pressure on strict water laws and building of dams? (10)

TOTAL FOR QUESTION 5– 20 MARKS

Total: 100