

UNIVERSITY
OF
JOHANNESBURG

PROGRAM : NATIONAL DIPLOMA
Town and Regional Planning

SUBJECT : GEOGRAPHY

CODE : GSS 1111

DATE : WINTER EXAMINATION 2014
13 JUNE 2014

DURATION : (08: 30 – 11: 30) am

WEIGHT : 50: 50

TOTAL MARKS : 100

ASSESSOR : MR J. OKAFOR

MODERATOR : MR Z. MBINZA **FILE NO:** 2098

NUMBER OF PAGES : 5 PAGES

INSTRUCTIONS

1. THIS IS NOT AN OPEN BOOK EXAM.
2. READ THE QUESTIONS CAREFULLY AND ANSWER ALL THE QUESTIONS.
3. WRITE NEATLY AND LEGIBLY.
4. PLEASE ANSWER ALL QUESTIONS.
5. BE CONCISE, LOGICAL AND COHERENT.

Question 1

- 1.1 Briefly discuss the problem with surplus agriculture. (4)
- 1.2 Explain the problems South Africa faces with regards to export (4)
- 1.3 What is subsistence farming and discuss why it is a disaster in South Africa? (4)
- 1.4 Differentiate among the three economic activities. (4)
- 1.5 Explain the meaning of GDP in the context of the South African economy. (4)

TOTAL FOR QUESTION 1 – 20 MARKS

Question 2

- 2.1 Explain 4 (four) factors that impact horizontal temperature differences. (8)
- 2.2 Illustrate and discuss the differences of heat islands during the day and night. (5)
- 2.3 Draw and explain a land breeze. Show the high and low pressures. (3)
- 2.4 Climate between cities and rural areas differs; explain that in terms of temperature and rainfall. (4)

TOTAL FOR QUESTION 2 – 20 MARKS

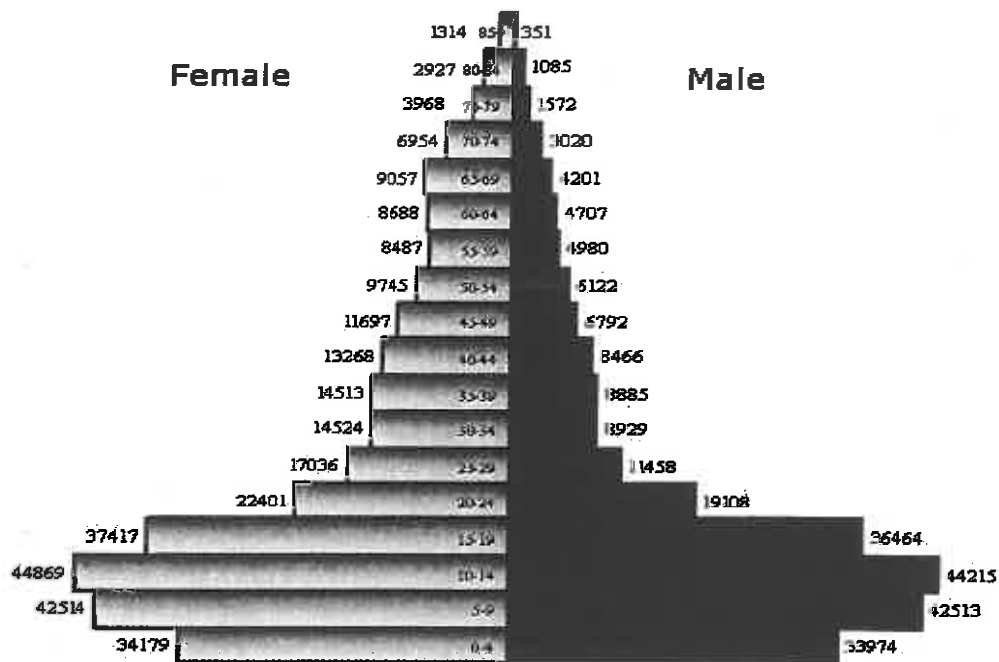
Question 3

- 3.1 Name the **three** different types of rocks that can be found on the earth with an example of each and where in South Africa it can be found. (6)
- 3.2 Discuss weathering process and its various types. (8)
- 3.3 Briefly discuss **two** factors that influence soil formation. (3)
- 3.4 Explain **one** way in which class seven dolomite soils can be corrected and used for human settlement development. (3)

TOTAL FOR QUESTION 3 – 20 MARKS

Question 4

- 4.1 Draw a well labelled diagram of the demographic cycle and explain its stages. (6)
- 4.2 Discuss the population pyramid overleaf on population, trends, composition, structure, characteristics. Why is it important for planners to have the population information of a region? (8)



4.3 Use the above mentioned examples to illustrate the differences in these countries by referring to the following aspects:

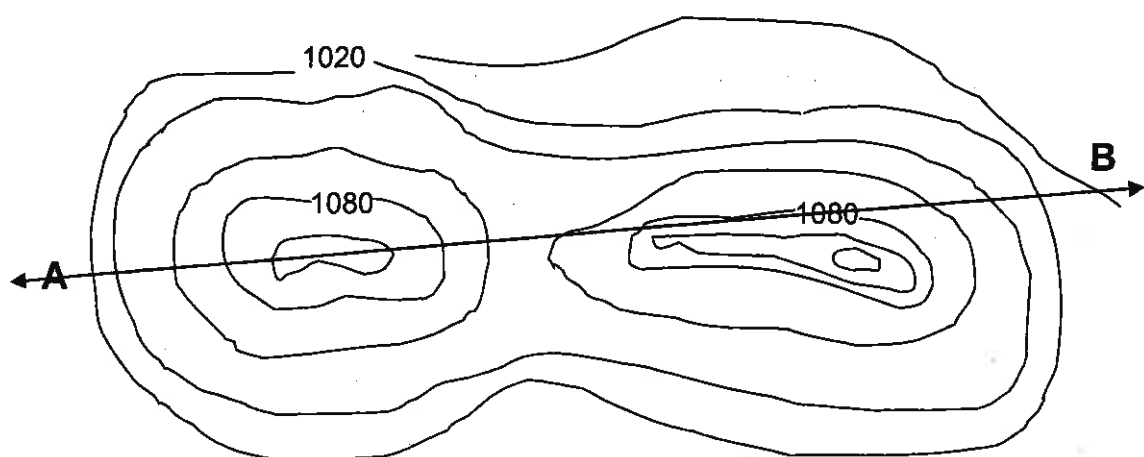
- ▶ Density / Population distribution
- ▶ Availability of facilities
- ▶ Birth/Mortality rate

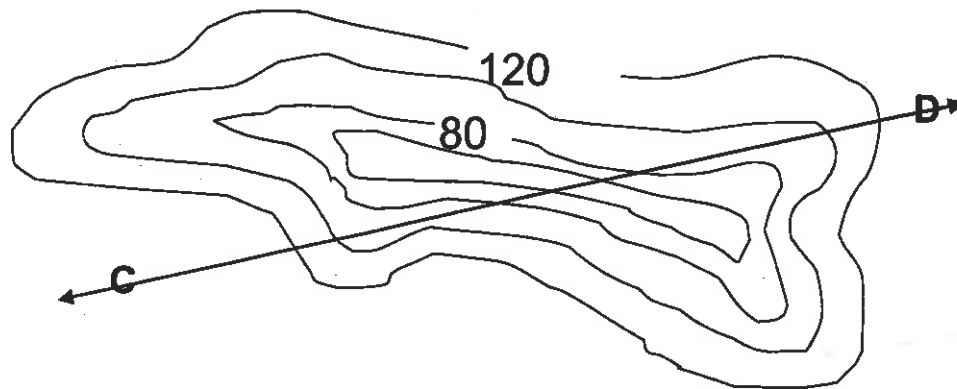
(6)

TOTAL FOR QUESTION 4 – 20 MARKS

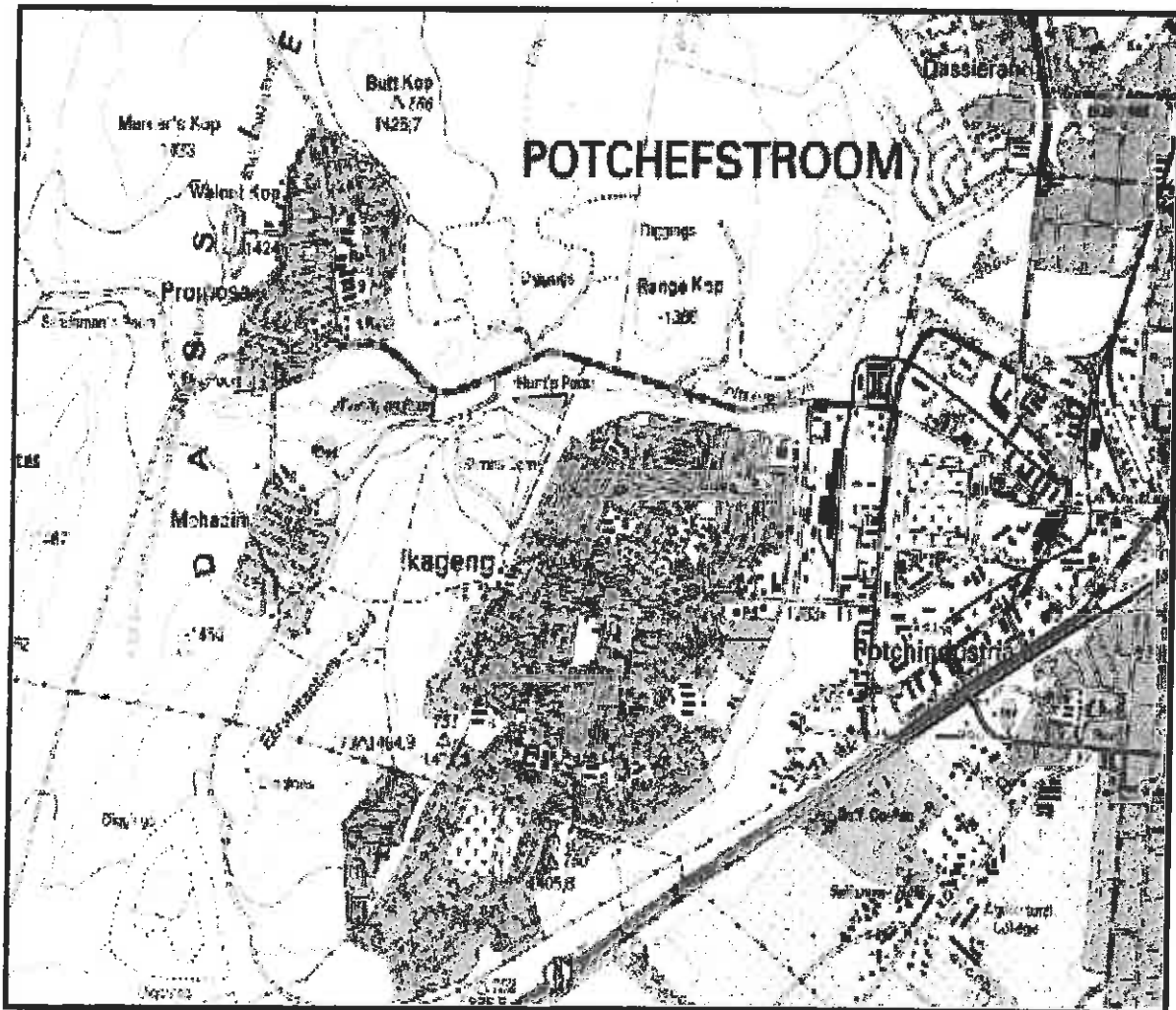
Question 5

5.1 Draw and clearly label the cross section of the contour lines from points (A, B), and explain the nature of the landforms. (10)





- 5.2 Explain the concepts of Plans and Maps by giving a definition and an illustration or example where applicable. (5)
- 5.3 Interpret the following map scale 1:50 000 and in two sentences, categorise your observations. (5)

**TOTAL FOR QUESTION 5 – 20 MARKS**

Question 6

- 6.1 List and briefly explain **two** consequences and problems caused by urbanisation. (4)
- 6.2 Industrial regions of Gauteng and Port Elizabeth - Uitenhage vary; explain this in terms of **two factors each** favouring and restricting respectively (6)
- 6.3 Name **three** functions of cities and an example of each city (6)
- 6.4 Name and illustrate **two** street patterns that you would find in urban areas. (4)

TOTAL FOR QUESTION 5 – 20 MARKS

TOTAL = 120 MARKS