

HILLCREST HIGH SCHOOL
GRADE 8
HUMAN AND SOCIAL SCIENCES
GEOGRAPHY

TIME: 1 HOUR

NOVEMBER 2020

MARKS: 75

INSTRUCTIONS:

1. Attempt all questions. Answer the questions in the spaces provided on the question paper.
 2. Read the questions carefully before answering.
 3. Work neatly.
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Name and Surname _____

Class: _____

SECTION A - Climate and Weather

QUESTION 1 Elements of weather

1. Match the statements in the table in Column A with the correct terms from Column B. Write only the letter of the correct answer in the spaces provided on page 2. (10)

Column A	Column B
1.1 Measurement of heat energy	A. Rain
1.2. Average weather conditions	B. Climate
1.3. Amount of water vapour content of air	C. Atmospheric pressure
1.4. Air moving because of pressure differences	D. Dew
1.5. Type of precipitation commonly formed during the night	E. Atmosphere
1.6. Reduces the amount of sunlight reaching the earth	F. Latitude
1.7 Responsible for causing all our weather	G. Wind
1.8. Force exerted by the atmosphere	H. Temperature
1.9. Factor affecting temperature	I. Humidity
1.10. Precipitation formed by air rising and cooling	J. Cloud Cover

1.1 _____ 1.2 _____ 1.3 _____

1.4 _____ 1.5 _____ 1.6 _____

1.7 _____ 1.8 _____ 1.9 _____ 1.10 _____

2. The questions that follow are based on the map of South Africa and the data for selected cities.

MAP WITH LOCATION OF PLACES



Cities/Towns	Average Yearly temperature °C [□]	Yearly temperature range in °C	Yearly Rain fall in mm	Altitude in meters
Port Nolloth	14 °C	7°C	61	11.6
Durban	18.6°C	5.6°C	1008	46
Cape Town	16.9°C	8°C	853	42
Johannesburg	16°C	11°C	790	1757
Bloemfontein	16.1°C	15.2°C	540	1398
Beaufort West	18°C	13°C	225	89

2.1 Give a reason why the temperature and rainfall data in the table is climate and not weather data. 2

2.2 Give two factors from the information on the map that influence temperatures. 2

2.3 Durban and Port Nolloth are located at almost the same latitude but experience different average temperatures. What factor could account for this? Explain your answer. 3

2.4 Compare Bloemfontein's average temperature to Durban's. Explain how and why, altitude affects their average temperatures. 2x2=4

2.5 Which place, Durban or Bloemfontein experiences a **continental climate**?

_____ 1

2.6 Support your answer to 2.5 using evidence from the map as well as the temperature figures. 2

2.7 Which city in the table should be the hottest, due to its latitude? Explain why. 3

2.8 Name the ocean current at **B**. _____ 1

2.9 Consider the direction of movement of this current. Why is this a warm current? 3

2.10 Explain why the ocean current at **A** contributes to a fairly low yearly rainfall for Port Nolloth. 3

2.11 Name the weather instrument used to measure rainfall.

1

2.12 Suggest **one** reason from their location, why Cape Town experiences longer daylight hours than Johannesburg during summer.

2

(37)

SECTION B – SETTLEMENT

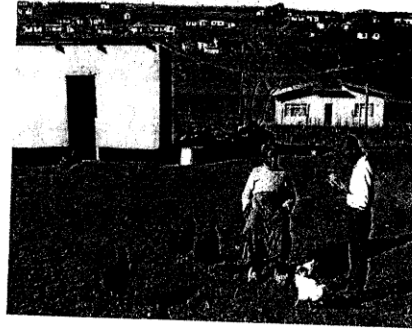
QUESTION 1

1.1 Choose a term from the table below to match each of the following statements. Write your answer in the spaces provided. **6**

farmstead; informal settlement; urban; rural; linear; nucleated; village;
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- A) An improvised settlement, lacking services _____
- B) The smallest type of settlement _____
- C) A multifunctional settlement _____
- D) A unifunctional settlement _____
- E) A settlement built along a road or river _____
- F) A settlement where the houses are grouped together _____
- G) A grouping of farmsteads _____

Question Two Study the photographs of a rural settlement



2.1 Describe two problems faced by people in these settlements that may cause them to migrate to nearby towns and cities. 2

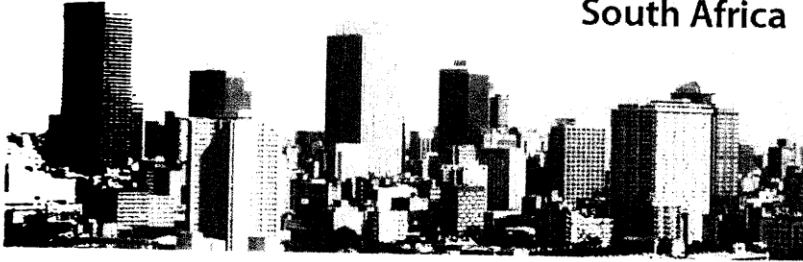
2.2 Evaluate (positives and negatives), the effect this movement may have on:

- a. The villages they leave behind
- b. The towns they migrate to.

4

Question Three Refer to the image below of Johannesburg

**Johannesburg,
South Africa**



3.1 Name the land use area that is photographed here. Give a reason for your answer.

3

3.2 **Traffic congestion** is often a problem in this area of cities in South Africa. Explain how the following factors contribute to the problem.

a. Street design/pattern

2

b. Activities in the area.

2

3.2 **Informal trading** is an issue in this area of cities in South Africa. What is informal trading? 1

3.3 Suggest **one** problem caused by informal trading in our cities. 2

3.4 Choose a land use that is best described by each of the statements from the table provided. 6

<p>Low cost housing; middle income housing; light industry; heavy industry ; residential areas; low income housing</p>

- a. Takes up the most space in urban settlements _____
- b. Houses are built in rows to accommodate as many as possible _____
- c. Industry that is located fairly close to the city centre _____
- d. Industry that uses bulk raw materials and produces pollution _____
- e. Located close to recreational areas and has good views _____
- f. Often located close to industry _____

3.5 Neighbourhood shopping centres like the one below are a common feature of our towns and cities.



a) Shopping centres are an example of recreation/retail/manufacturing.
(Choose the correct answer)

_____ 1

b) Where are neighbourhood shopping centres normally located? 2

3.6 Suggest **two** reasons for their location here. 2

3.7 on page
10.

NB { Q3.7
P.T.O -

