



TOM NEWBY SCHOOL EXAMINATION



Subject	Geography	Examiner	Mr J Maredi
Date	21 November 2017	Total marks	50
Session	1	Duration	1 Hour
Grade	Grade 5	Moderator	Miss Albertyn
Special instructions/ Equipment		• Read all questions carefully • Answer all questions on the answer sheet • Look at the mark allocation	

This Exam has been compiled using notes and information contained in the Tom Newby School book. The marking memorandum has been compiled accordingly. While alternative responses will be given due acknowledgement, the official memorandum will be considered a priority document to ensure uniformity of marking.

Name and surname _____ Grade 5: _____

Section A: Climate and weather

Question 1

[4]

Underline the correct word in the following sentences.

- 1.1 (Rain/Snow) is measured in millimetres.
- 1.2 Mist, dew and frost are all formed from (Precipitation/Water vapour).
- 1.3 We measure temperature in (Degree Celsius/Weather).
- 1.4 (Annual rainfall/Seasonal rainfall) is the total rainfall that falls during a year.



Question 2**[4]**

Name the type of weather instruments shown in each photograph.

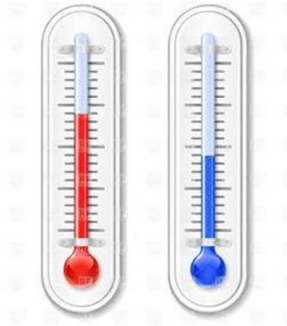


Photo A: _____

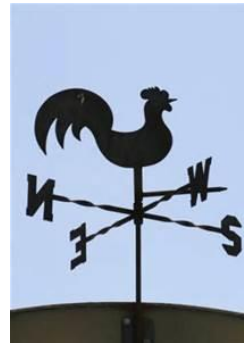


Photo B: _____



Photo C: _____



Photo D: _____

Question 3**[3]**

Define the following words.

3.1 Weather.

(1)

3.2 Natural vegetation.

(1)

3.3 Climate.

(1)

Question 4:**[9]**

Answer the following short questions.

4.1 How do you think farmers can control the temperature on their farms? (1)

4.2 Name any two elements of weather. (2)

A. _____

B. _____

4.3 What is a **protea plant**?

In which region do we find the protea plant? (2)

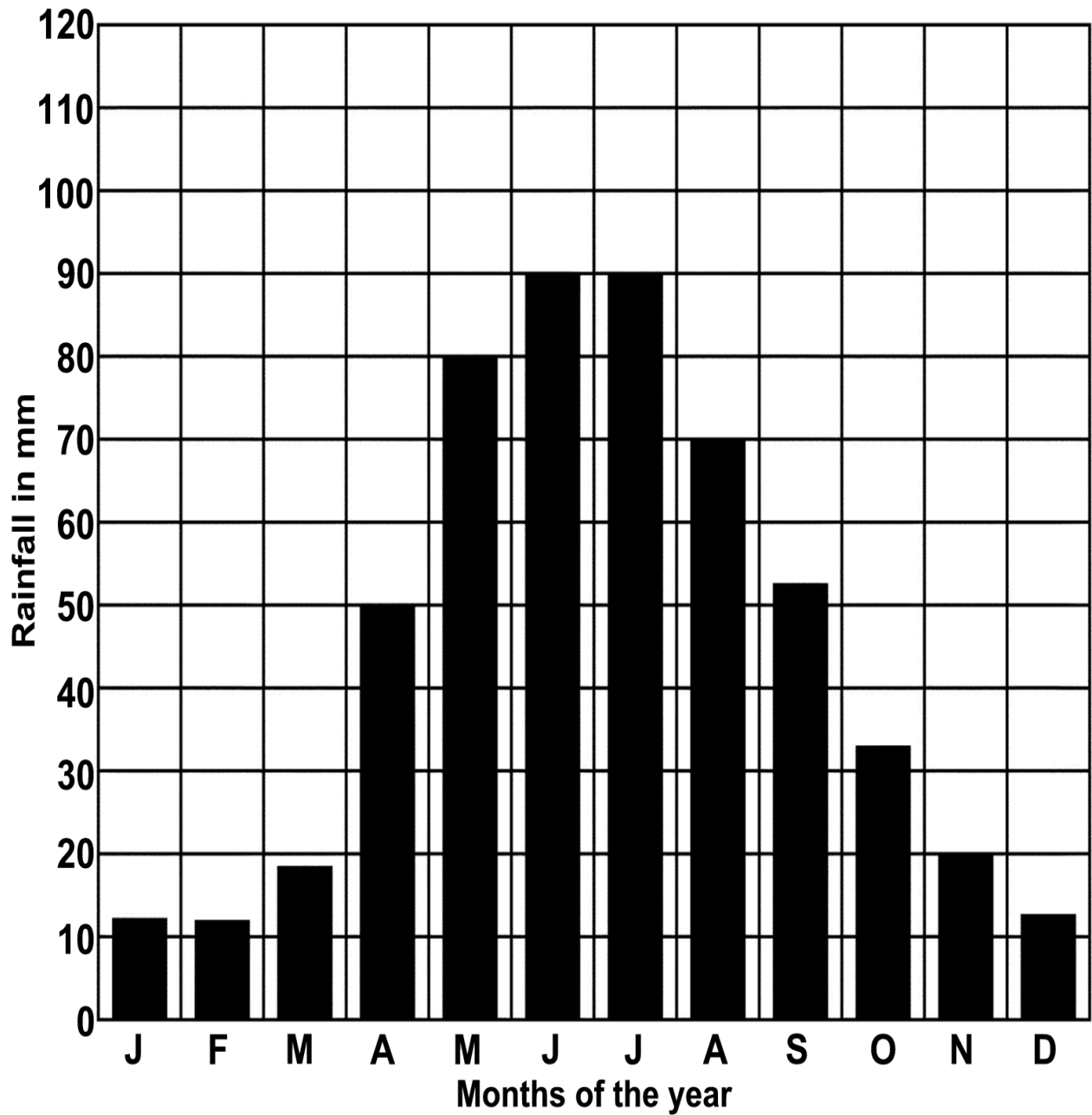
4.4 If there was no weather report, would a farmer still be able to measure the direction of the wind? Give a reason for your answer. (2)

4.5 Why do you think that it is important for people to know about the weather and climate which we experience every day of our lives? (2)

Question 5**[10]**

Look at the graphs and answer the questions that follow.

Annual rainfall for Cape Town



5.1 Answer the following questions using the bar graph on **page 4**

5.1.1 Why do you think that Cape Town gets most rainfall between the months of June, July and August? (1)

5.1.2 Which month had too little rainfall? (1)

5.1.3 How much rainfall was there in Cape Town during the month of December?

(1)

5.1.4 During which season in Cape Town would you plant your crops?

Give a reason for your answer.

(2)

5.2 Use the information below to draw a bar graph for the annual rainfall in Johannesburg.

(5)

Annual rainfall at Johannesburg

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov
Rainfall	84	110	71	55	18	12	8	14	44	59	60

Draw graph in the block below:

Section B: Minerals and mining in South Africa

Question 6

[5]

6.1 How does mining affect the environment?

(1)

6.2 Name two examples of safety clothes which miners wear for protection.

A. _____ (1)

B. _____ (1)

6.3 Why do think that it is very important to provide training for miners?

(1)

6.4 Name one danger which miners might face while working in the mines. (1)

Question 7

[4]

State 4 important activities which take place during the process of mining.

7.1 _____

7.2 _____

7.3 _____

7.4 _____



Question

8

[4]

State whether the following statements are true or false.

If false, correct the statement.

8.1 Mines use a lot of electricity which is made from coal-burning power stations.

(1)

8.2 The earth is made of minerals and water. (1)

8.3 A shaft is a long thin tunnel that goes downwards. (1)

8.4 People in South Africa use coal as a source of energy
for cooking and for warming themselves up during winter.

(1)

Question

9

[3]

Explain **three** ways on how waste from the mines can be controlled

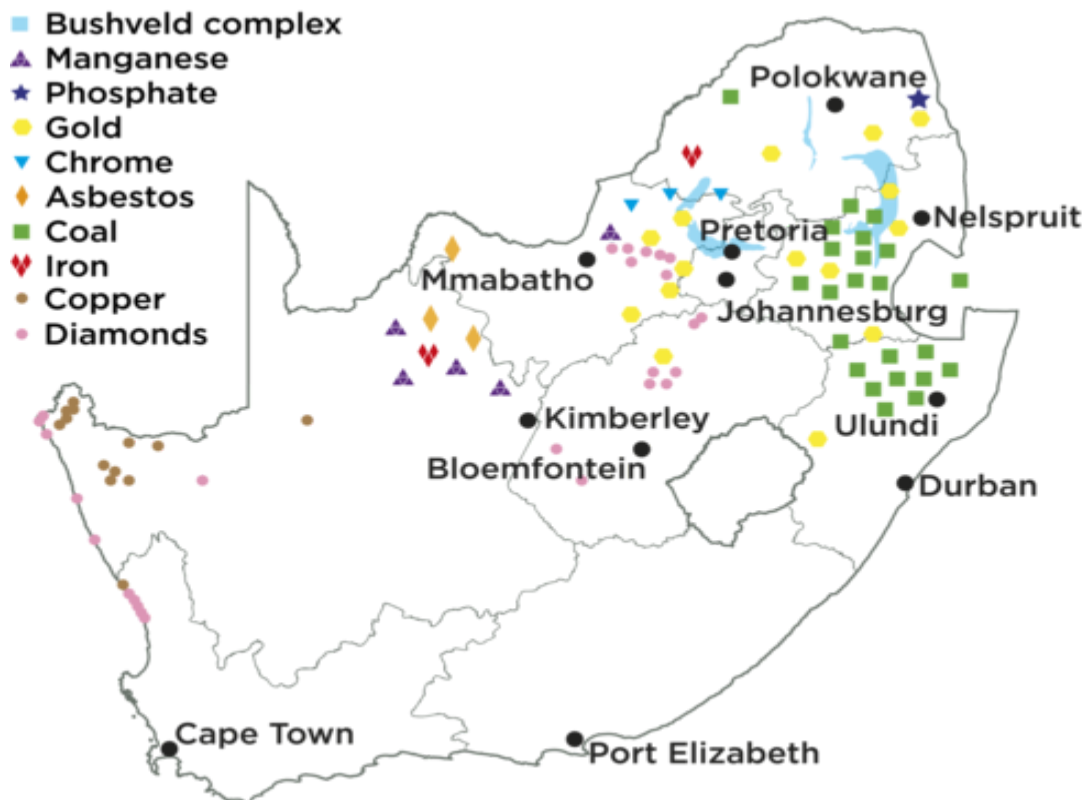
9.1

9.2

9.3

Question 10**[4]**

Use the map below to answer the questions that follow.



10.1 Name one city which has no minerals.

(1)

10.2 What is a non-renewable resource?

(1)

10.3 Near which city do you find the most coal mining?

(1)

10.4 Name the most mined mineral that is found near Kimberly.
(1)

Total Marks: [50]