



**GAUTENG PROVINCE**

Department: Education  
REPUBLIC OF SOUTH AFRICA

**Ekurhuleni North District**

**Grade 5 Geography Examination**

**Total mark: 30**

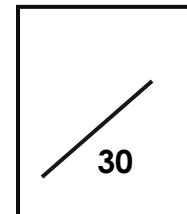
**Date: 26 November 2015**

**Time: 1 hour**

**Learner's name and surname:** \_\_\_\_\_

**Class: Grade 5** \_\_\_\_\_

**School:** \_\_\_\_\_



**Topics:**

- **Weather, climate and vegetation of South Africa**
- **Minerals and mining in South Africa**

**Instructions:**

- This paper consists of \_\_\_\_ pages.
- Ensure that you write your name, surname and class on this paper.
- Look at the mark allocation before you attempt to answer questions.
- Answer all the questions.
- Write neatly.

- *Good luck!*

## SECTION A: CLIMATE AND WEATHER

### Question 1

[2 marks]

Underline the correct word in the following sentences.

1.1 (Weather / climate) is about conditions over a day or two. (1)

1.2 (Weather / climate) is about conditions over a longer period. (1)

### Question 2

[4x ½ = 2 marks]

Arrange the wind speeds from the **weakest to the strongest**:

[breeze, gale, strong wind, calm] (2)

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### Question 3

[2 marks]

List two types of precipitation.

3.1 \_\_\_\_\_

3.2 \_\_\_\_\_

### Question 4

[2 marks]

4.1 What unit is used to measure:

4.1.1 temperature \_\_\_\_\_ (1)

4.1.2 rainfall \_\_\_\_\_ (1)

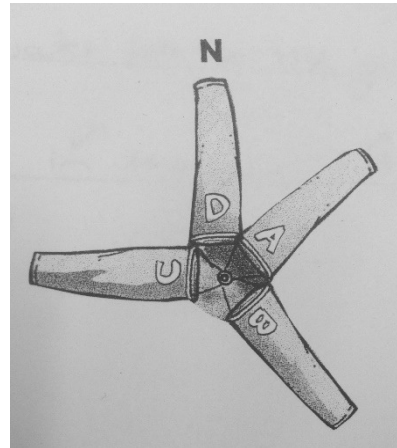
**Question 5**

**[2 marks]**

Identify the following wind directions.  
E.g. A. South Westerly wind

B. \_\_\_\_\_

C. \_\_\_\_\_



**Question 6**

**[4x 1/2 = 2 marks]**

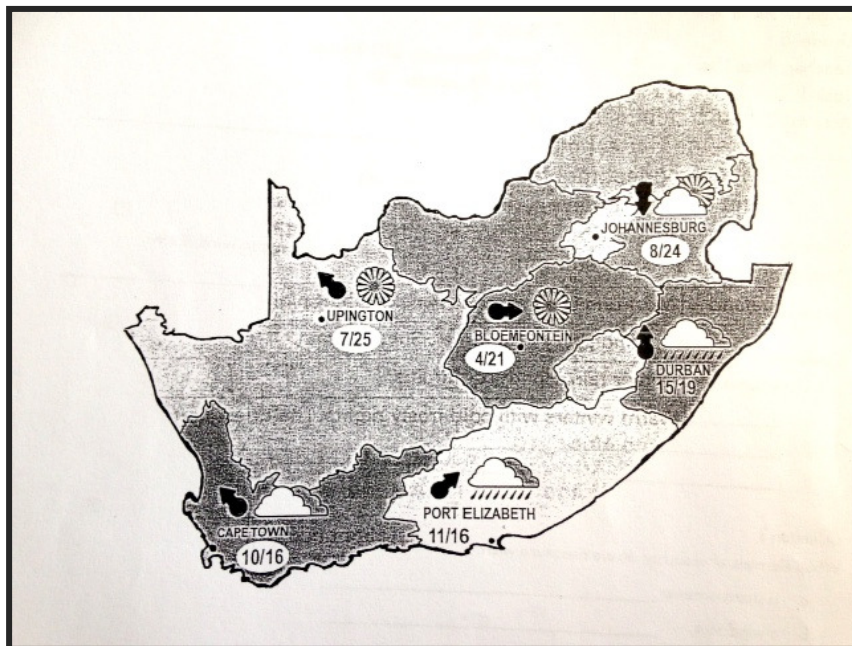
Look at the map on page 4 and **explain** the weather for Johannesburg.

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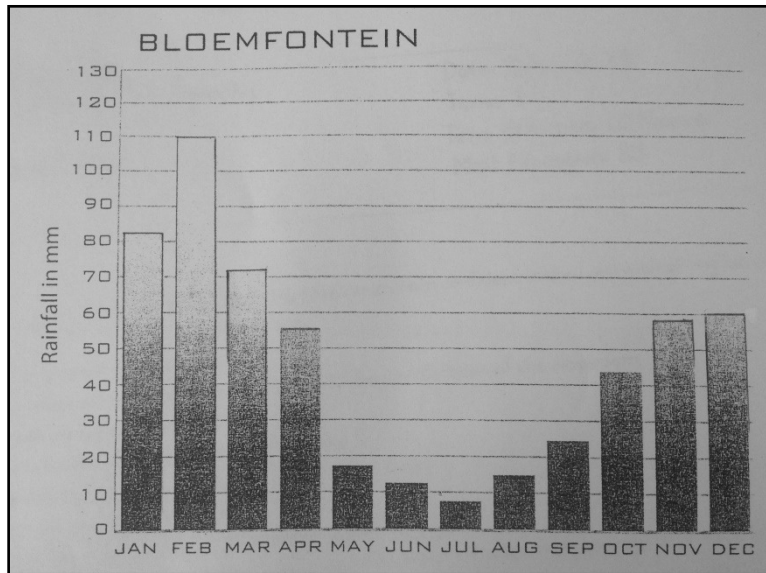
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**Question 7**

**[3 marks]**

The bar graph shows the average monthly rainfall figures of Bloemfontein for the past 30 years. Look at the rainfall graph and answer the questions that follow.



7.1 Which month usually has the highest rainfall? \_\_\_\_\_ (1)

7.2 How much rainfall does this month get? \_\_\_\_\_ (1)

7.3 The lowest temperatures for Bloemfontein are usually in June, July and August, between -2°C and 17°C. Can we say that Bloemfontein usually has wet, cold winters? Explain your answer.

\_\_\_\_\_  
\_\_\_\_\_ (1)

## SECTION B: MINERALS AND MINING IN SOUTH AFRICA

### Question 8

[6 x ½ = 3 marks]

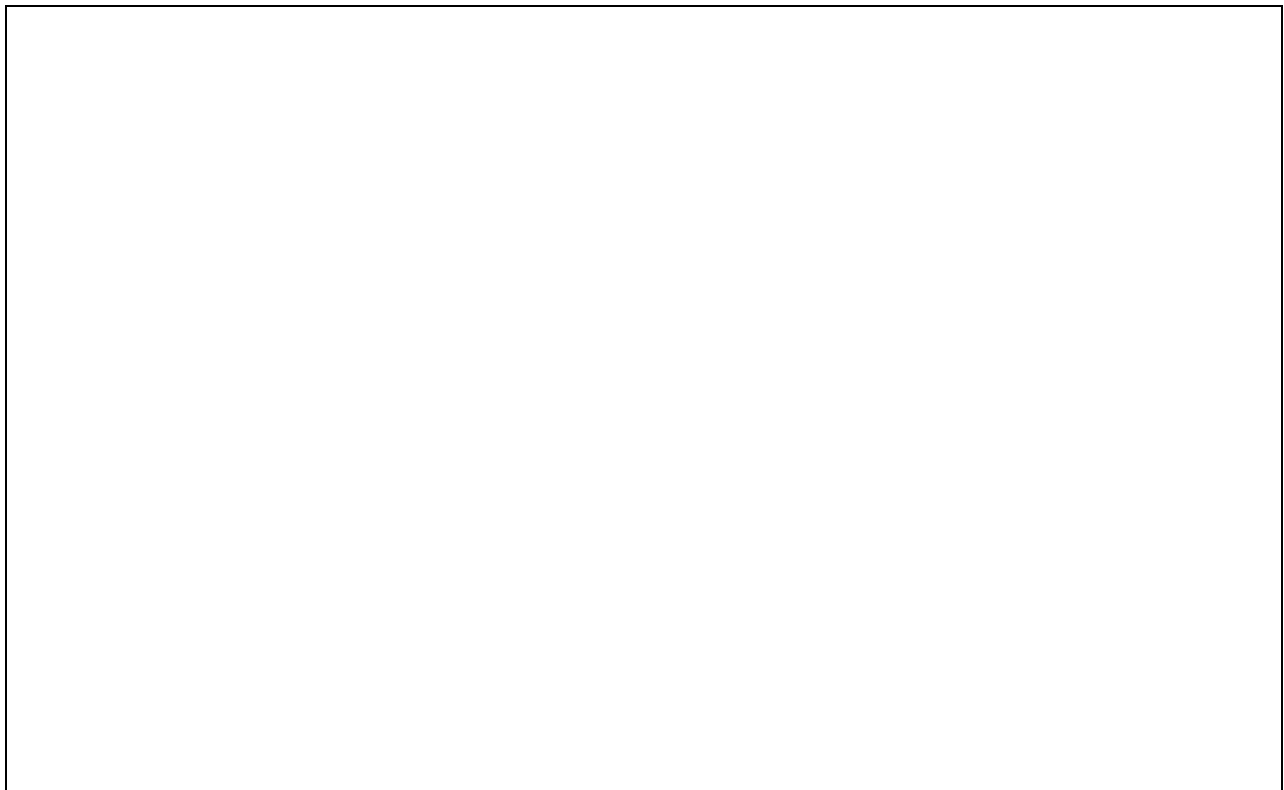
Match Column A with Column B. Only write the letter next to the number in Column C.

Column A	Column C	Column B
1. Ventilation	1.	a. On the surface
2. Rock fall	2.	b. Fresh air
3. Deep level mines	3.	c. Lung disease
4. Open pit mines	4.	d. Below the surface
5. Ore	5.	e. Can happen to the roof of a tunnel
6. Silicosis	6.	f. Rock contains large amounts of a certain mineral

### Question 9

[3 marks]

Draw a simple sketch to show a shaft mine. Label the following on your sketch: **shaft, tunnel, and lift.**



**Question 10**

**[4 x 1/2 = 2 marks]**

Choose four minerals from the block that can be used to make jewellery. Write the four mineral underneath each other.

Gold    Platinum    Chrome    Iron    Diamonds    Manganese    Copper

10.1 \_\_\_\_\_

10.2 \_\_\_\_\_

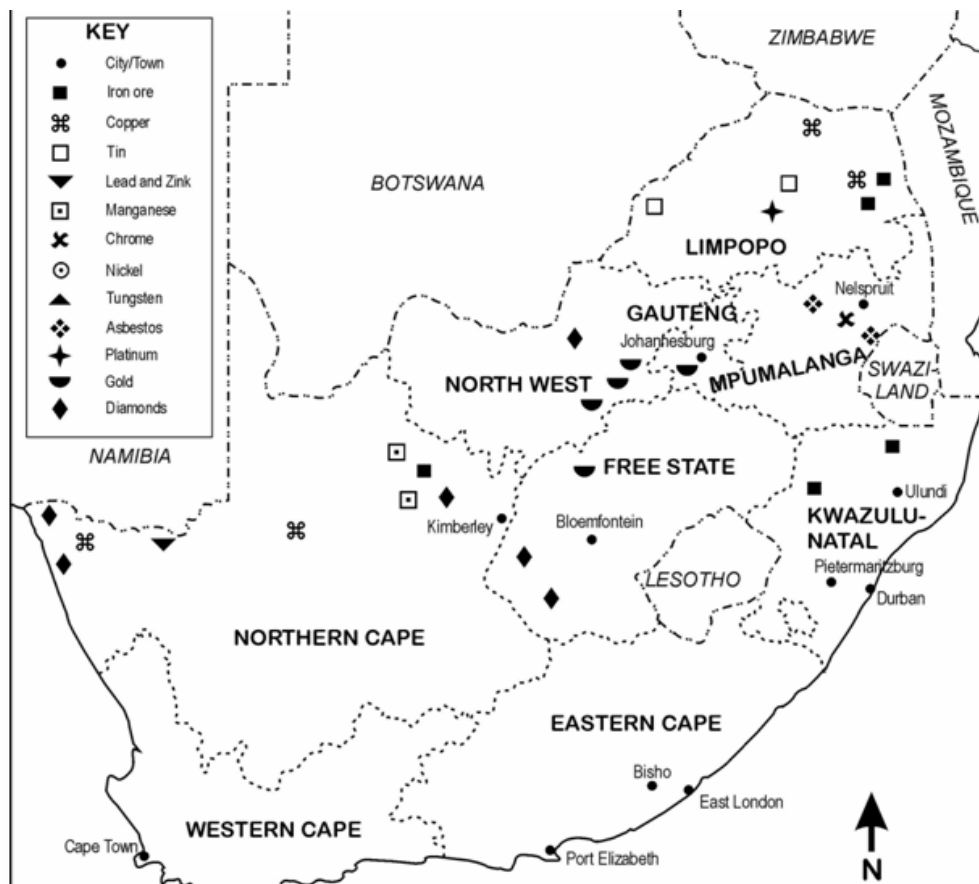
10.3 \_\_\_\_\_

10.4 \_\_\_\_\_

**Question 11**

**[3 marks]**

Use the map below to answer the questions that follow.



Name the main province where each of the following minerals is found:

Minerals	Province
Tin	
Diamonds	
Platinum	

(1x3=3)

**Question 12**

**[4 marks]**

Look at the photograph below and answer the questions that follow.



12.1 Name two pieces of safety equipment the miners in the mine are wearing.

a. \_\_\_\_\_ b. \_\_\_\_\_ (2)

12.2 What is the name of the metal object in the picture?

\_\_\_\_\_ (1)

12.3 Name one danger these miners could face in this mine.

\_\_\_\_\_ (1)

