



Province of the
EASTERN CAPE
DEPARTMENT OF EDUCATION

SOCIAL SCIENCE

Grade 5

GEOGRAPHY

November 2024 Examinations

Marking Guide

Section	Section A			Section B			
Question	Q 1	Q 2		Q 3	Q 4	Q5	Q 6
Mark	06	04		05	04	06	05
Mark obtained							

Term 3 content: 10 marks: Source-based questions

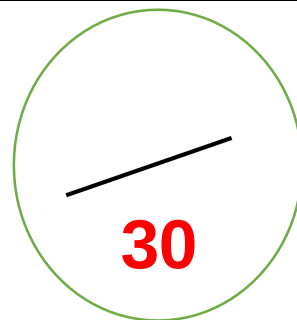
Term 4 content: 20 marks: Source based questions and paragraph writing

Instructions:

Answer all the questions.

Write neatly and legibly.

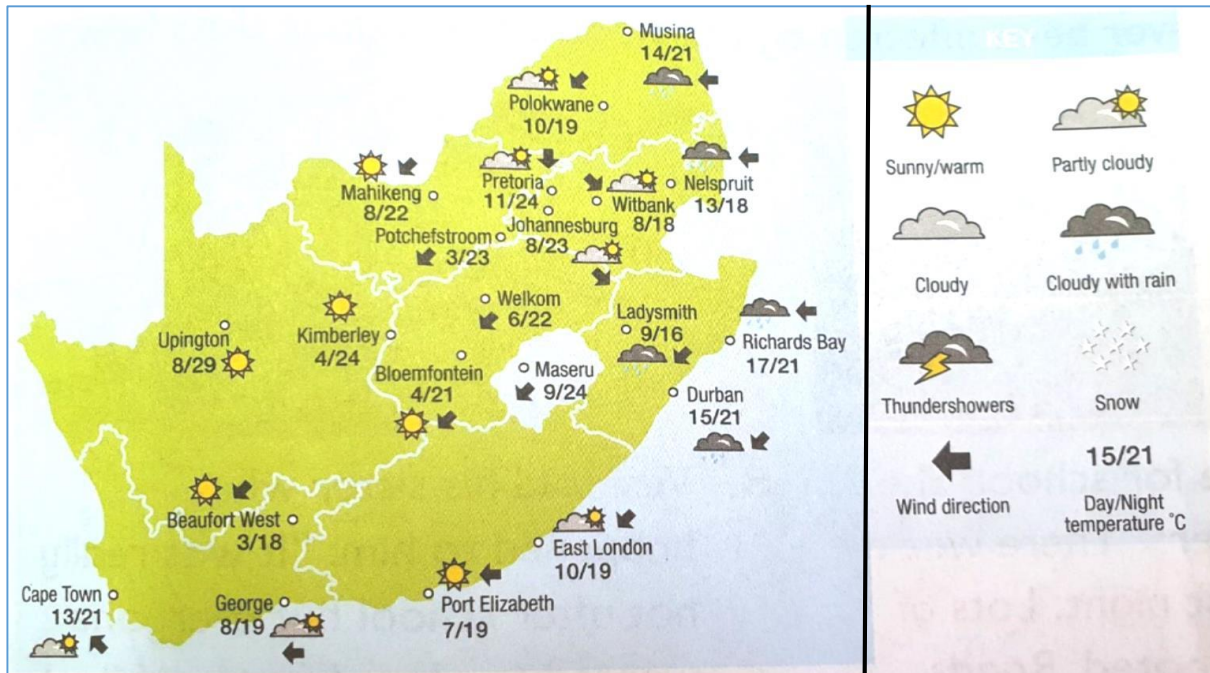
Answer on the QUESTION PAPER provided.



SECTION A [Weather, climate and vegetation of South Africa]

Question 1 [6 Marks]

1. Study the source below and answer the questions that follow



1.1 What wind direction is forecast for: (1)

a) Richards Bay _____

• **Easterly wind** ✓

b) Bloemfontein _____

• **North-Easterly wind** ✓

1.2 What cloud cover is forecast for: (1)

a) Nelspruit _____

• **Cloudy with rain** ✓

b) Pretoria _____

• **Partly cloudy** ✓

1.3 What kind of precipitation is expected in Durban? (1)

• **Rain** ✓

1.4 Which town will experience high temperatures? (1)

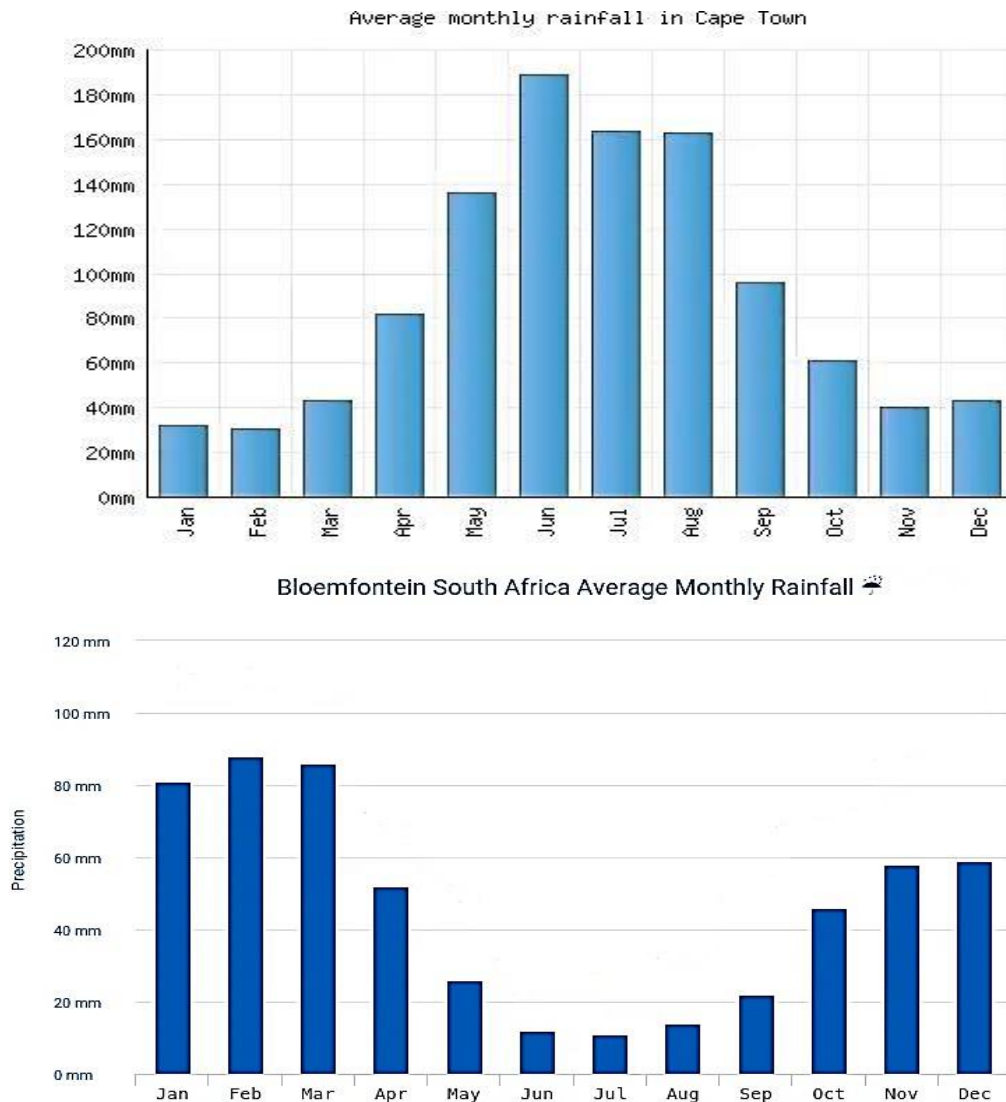
• **Upington** ✓

1.5 **Johannesburg** ✓ and **Witbank** ✓ are the only two towns or cities with North Westerly winds. (2)

Question 2

[4 Marks]

2. Look at the rainfall graphs for Cape Town and Bloemfontein and answer the questions that follow. The graphs show how much rain falls in each city each month.



2.1. Which month in Cape Town has the most rain? (1)

- **June**✓

2.2. What season (question 2.1.) are these three months in? (1)

- **Winter**✓

2.3. How much rainfall occurred in Bloemfontein in March? (1)

- **84 mm**✓

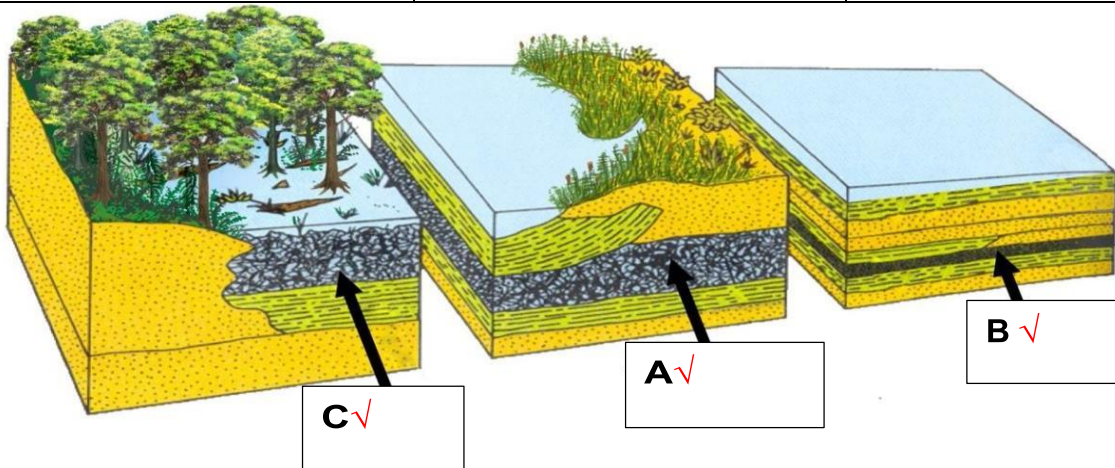
2.4.4. What is temperature?

- **Temperature is how cold or hot the air in the atmosphere is.** ✓ (1)

SECTION B – MINERALS AND MINING IN SOUTH AFRICA**[20]****Question 3****[5 Marks]**

3.1. Three steps (A-C) of how coal is formed are not in correct order. Put the relevant letter on its position in the diagram. (3)

A	B	C
Earth builds up over the swamp, pushing down and squeezing the plant layer. As it gets squashed it heats up.	Over time, the layer gets squashed and heat up further, gases are forced out and the plants became layers of coal.	Trees, ferns, and moss die and sink into the swamp. New plants grow and die, and the layers pile into the swamp.



3.2. Why is coal regarded as a non-renewable resource? (2)

- Because once used can never be replenished / it cannot be used again and again ✓✓

Question 4**[4 Marks]**

4. This is a Big Hole in Northern Cape



4.1. Which mineral was discovered here? (1)

- Diamond ✓

4.2. In which town is it situated? (1)

- Kimberly ✓

4.3. What positive impact did mining have in the mining area? (2)

- Towns grow or develop near mines.
- people got jobs
- houses and health care

Question 4**[6 Marks]**

4. Study the picture and answer the questions that follow.



4.1. What are the men on pictures are doing? (1)

- **Underground mining**

4.2. Mention any TWO protective clothes they are wearing. (2)

- **Hard hats to protect their heads.**
- **Thick gumboots which are reinforced**
- **Goggles to protect their eyes.**
- **Masks to stop dust getting into their lungs.** (any2)

4.3. What health risks and dangers are they facing in their duty? Give 3. (3)

- **Catching illnesses such as TB from other workers when working in small, hot spaces.**
- **Getting injured from using the machines.**
- **Rock falls**
- **Fires**
- **Poisonous gases**
- **Exhaustion from working in hot conditions.**
- **Different types of dust cause different types of lung sickness such as asbestosis, asthma and silicosis** (any 3)

Question 7**[5 Marks]**

7. Write a paragraph on how mining impacts on the environment.





- The blasting and drilling releases a lot of dust into the air.
- Mines use a lot of electricity which is made from coal-burning power stations.
- Poisonous gases such as methane escape when rocks are broken down in mines.
- The smoke from fires in mines cause pollution. These are sometimes caused by methane gas which has exploded
- The water becomes acidic and cannot be used for drinking and growing crops.

Rubric for Paragraph

LEVEL 1	• Cannot extract evidence or extract evidence from the sources in a very exemplary manner. • Use evidence partially to report on topic or cannot report on topic.	Marks: 0-1
LEVEL 2	• Extracts evidence from the sources that is mostly relevant and relates to a great extent to the topic. • Use evidence from sources in a very basic manner.	Marks: 2-3
LEVEL 3	• Extract relevant evidence from the sources. • Extracted evidence - relates well to the topic. • Use evidence from the sources very effectively in an organized paragraph that shows an understanding of the topic.	Marks: 4-5