MeerkatSkool

PAPER 2

Practice test · Term 3–4
Version 1.6 · 21 October 2026

Social Sciences: Geography · Grade 5

Weather, Climate and Mining

Term 3–4 | 5 questions | CAPS-aligned

TOTAL 54 MARKS

NAME AND SURNAME _____ CLASS _____ DATE _____

Instructions

1. This question paper consists of TWO sections. Answer all the questions.
2. Answer all the questions on the question paper itself, in the spaces provided.
3. Use the SOURCES to answer the questions where the question asks you to.
4. Write neatly and legibly. Work that cannot be read cannot be marked.
5. You may use a pencil and a ruler.
6. This paper covers Term 3 and Term 4 work. Paper 1 covers Term 1 and Term 2 work.

Question	Content of the question	Marks	Obtained
1	Weather and climate	10	
2	Rainfall patterns	8	
3	Minerals and mining	12	
4	Mining and people	8	
5	Vegetation and climate	16	
	Total	54	
	Percentage		%

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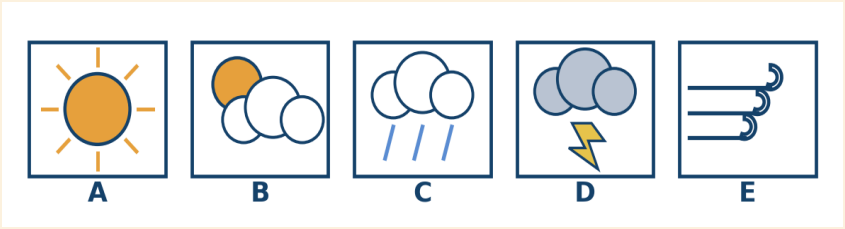
Section A

1 Weather and climate

10 marks

Study Source A and answer the questions that follow.

SOURCE A · WEATHER SYMBOLS



Symbols you would see on a weather map or in a weather report.

1.1 Write next to each letter what the symbol means. **(3)**

A: _____ C: _____ D: _____

1.2 Explain the difference between WEATHER and CLIMATE. **(2)**

_____

_____

_____

1.3 Name TWO instruments used to measure the weather, and say what each one measures. **(2)**

_____

_____

1.4 A weather report on TV says: 'Tomorrow a cold NORTH-WESTERLY wind will bring rain to Cape Town.' Answer the questions. **(3)**

a. From which direction will the wind blow? _____ (1)

b. Name ONE thing you can see on a TV or newspaper weather map. _____ (1)

c. How will this weather change what a family in Cape Town does tomorrow?

_____

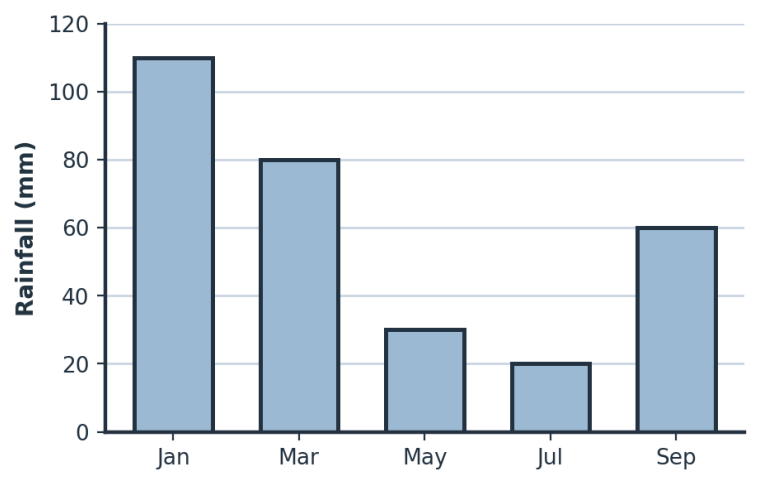
Section B

Rainfall, mining, climate and vegetation

2 Rainfall patterns

8 marks

SOURCE B · RAINFALL AT A WEATHER STATION



Average rainfall over five months, measured in millimetres.

2.1 In which month did the most rain fall? **(1)**

2.2 In which month did the least rain fall? **(1)**

2.3 In which season does most of the rain fall at this weather station? Give a reason for your answer. **(2)**

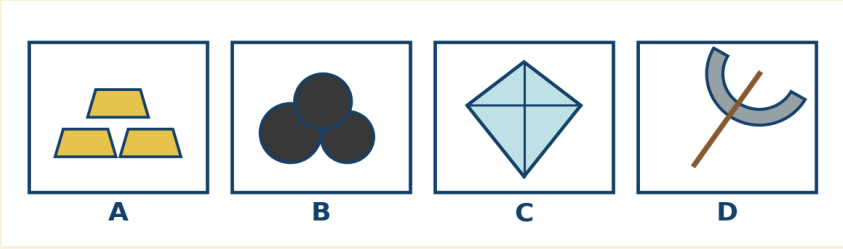
2.4 A farmer wants to plant maize, which needs a lot of water. In which of the months on the graph should he plant, and why? **(2)**

2.5 Cape Town gets most of its rain in WINTER. Would a rainfall graph for Cape Town look the same as Source B? Explain your answer. **(2)**

3 Minerals and mining

12 marks

SOURCE C · RESOURCES FROM MINES



Two minerals, coal and a miner's tool.

3.1 Write next to each letter what it is. **(3)**

A: _____ B: _____ C: _____

3.2 Write down what each resource (A, B and C in Source C) is mainly used for. **(3)**

Resource	What it is used for
Resource A	
Resource B	
Resource C	

3.3 Gold, diamonds and coal are NON-RENEWABLE resources. Explain what non-renewable means. Then name ONE OTHER mineral that is mined in South Africa and say what it is used for. **(2)**

3.4 Name TWO ways in which mining can damage the environment. **(2)**

3.5 Coal is NOT a mineral. Explain how coal was formed. **(2)**

4 Mining and people

8 marks

4.1 Explain the difference between OPEN-CAST mining and UNDERGROUND (shaft) mining. **(2)**

4.2 Johannesburg grew up next to the gold mines, and eMalahleni (Witbank) next to the coal mines. Explain why towns often grow up near mines. **(2)**

4.3 What is SILICOSIS, and how do mineworkers get it? **(2)**

4.4 Name TWO rules or safety measures that protect the health and safety of mineworkers. **(2)**

5 Vegetation and climate

16 marks

5.1 Write the type of vegetation next to each description. **(4)**

Description	Vegetation
Tall trees growing close together, in wet areas on the south coast near Knysna	
Mainly grass with very few trees, on the Highveld	
Small hard bushes and flowers, mainly in the Western Cape	
Succulents that store water in their leaves, in the dry west	

5.2 How do succulents such as aloes survive the dry summers? **(2)**

_____

_____

5.3 The SAVANNA is a type of natural vegetation in South Africa. Answer the questions. **(4)**

a. In which part of South Africa is most of the savanna found? _____ (1)

b. Describe the climate of the savanna in summer and in winter. _____ (1)

c. Explain how the grass and trees of the savanna support many wild animals.

_____

_____ (2)

5.4 Describe the CLIMATE of the area where you live, in summer and in winter. Use words such as hot, warm, cool, cold, wet, dry or humid. **(2)**

_____

_____

_____

5.5 Name ONE danger that miners face underground. **(1)**

_____

_____

5.6 Name THREE forms of precipitation. **(3)**

Total **54 marks**



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