



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

LIMPOPO PROVINCE

GRADE 9

Stanmorephysics.com

SOCIAL SCIENCES - GEOGRAPHY P1

TERM 2 CONTROLLED TEST

13 MAY 2026

Stanmorephysics.com

MARKS: 75

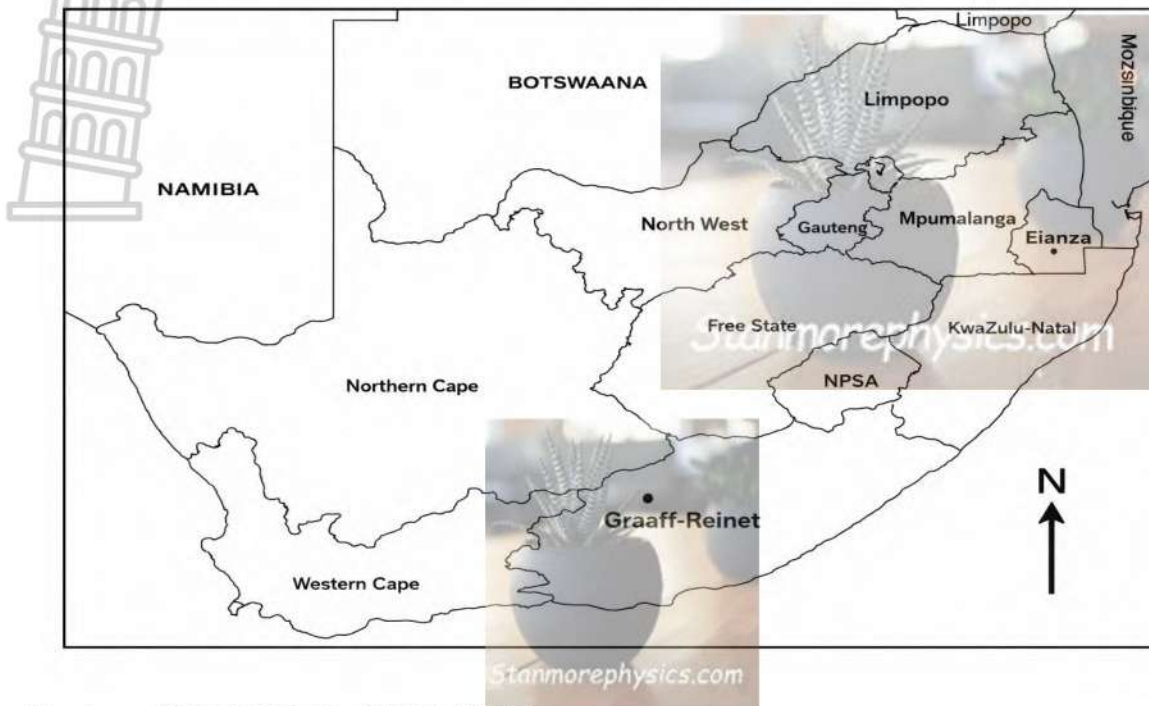
TIME: 2 HOURS

This question paper consists of **7 pages** including the cover page.

INSTRUCTIONS AND INFORMATION

1. Answer ALL questions.
2. 1:50 000 topographical map 3224BC GRAAF REINET and 1: 10 000 orthophoto map 3224BC 01 GRAAF REINET.
3. The area demarcated in RED on the topographical map represents the area covered by the orthophoto map.
4. Show all calculations. Marks will be allocated for steps in calculations.
5. Number your answers correctly according to the numbering system used in this question paper.
6. Write neatly and legibly
7. You must hand in topographical and orthophoto map to the invigilator at the end of this examination.

GENERAL INFORMATION ON GRAAF-RENET



Coordinates: 32°15' 08" S; 24°32' 26"E

Graaff-Reinet is a historic town in the Eastern Cape, South Africa, located at 32°15' S, 24°32' E on the Karoo plateau, with an elevation of about 750 m above sea level. It is one of the oldest European-founded towns in the country, established in 1786, and lies near the Camdeboo National Park and the Sundays River, with the Sneeuberg mountains nearby.

The town is home to several tourist attractions, including the Dutch Reformed Church, the Valley of Desolation, Camdeboo National Park, and the Reinet House Museum. Its historical architecture, natural scenery, and surrounding parks make Graaff-Reinet a popular destination for visitors.

Extract from 1:50 000 Topographic map 3224BC GRAAFF REINET

(Chief Directorate: National Geospatial Information)

SECTION A: MAP SKILLS

(35 MARKS)

QUESTION 1: MULTIPLE-CHOICE QUESTIONS

Refer to the 1:50 000 topographical map 3224BC GRAAFF REINET and 1: 10 000 orthophoto map 3224BC 01 GRAAFF REINET to answer the questions that follow.

1. Various options are provided as possible answers to the following questions. Choose the correct answer and write only the letter (A-D) in the block next to each question
 - 1.1 Graaff Reinet is located in province (1X1) (1)
 - A. Limpopo
 - B. Mpumalanga
 - C. Eastern Cape
 - D. Gauteng
 - 1.2 The type of scale evident on the topographic map is.....scale (1x1) (1)
 - A. Ratio and fractional
 - B. Ratio and word
 - C. Ratio and line
 - D. Ratio and contour line
 - 1.3 Which of the following features is not a natural feature... (1x1) (1)
 - A. River
 - B. Road
 - C. Tree
 - D. Mountain
 - 1.4 The contour interval of the Orthophoto map is... 1x1 (1)
 - A. 15 m
 - B. 10 m
 - C. 5 m
 - D. 20 m
 - 1.5 The type of road indicated by **N9** on the topographical map represents... (1X1) (1)
 - A. National route
 - B. Main road
 - C. Secondary route
 - D. Arterial route

- 1.6 Height is shown using.... In block C4 on the orthophoto map, (1X1) (1)
- A. Contour lines
 - B. Trigonometric beacon
 - C. Spot height
 - D. Benchmark
- 1.7 The numbers **3224** on the Map code represent the... (1X1) (1)
- A. line of latitude
 - B. line of longitude and line of latitude
 - C. line of longitude
 - D. line of latitude and line of longitude

[7]

QUESTION 2

2. Refer to the 1:50 000 topographical map 3224BC GRAAF REINET and 1: 10 000 orthophoto map 3224BC 01 GRAAF REINET before answering the questions that follow:

- 2.1 Define the concept **Contour line** (1x2) (2)
- 2.2 What type of slope is found at point **B** in block **E3** on the topographical map? (1x1) (1)
- 2.3 Give evidence from the map to support your answer in **question 2.2** (1X2) (2)
- 2.4 Explain **TWO** uses of the dam located in block **K7** (2x2) (4)
- 2.5 Differentiate between **natural** and **constructed** features (2x2) (4)

[13]

QUESTION 3

3. Refer to the 1:50 000 topographical map 3224BC GRAAF REINET and 1: 10 000 orthophoto map 3224BC 01 GRAAF REINET to answer the questions that follow.

- 3.1 Define the concept **Cartographer** (1x2) (2)
- 3.2 Name any **TWO** (2) ways in which height is shown/represented on the map... (2x1) (2)
- 3.3 Explain why features are larger on the Orthophoto map than on the topographic map (1x2) (2)
- 3.4 Convert the scale 1:50 000 into word scale (1x2) (2)
- 3.5 Farming is the main activity taking place in blocks **K7** and **K8** on the topographical map. Give **TWO** pieces of evidence from the map to support this statement. (2x1) (2)
- 3.6 What are the coordinates of Graaff-Reinet (2x1) (2)
- 3.7 Refer to orthophoto map (3x1) (3)

Calculate the straight-line distance between the trig beacon **231** in **B1** on the orthophoto map and the spot height **812** in **C1** on the orthophoto map in metres.

Actual Distance = Map distance x Map scale

[15]

SECTION A TOTAL: 35 MARKS

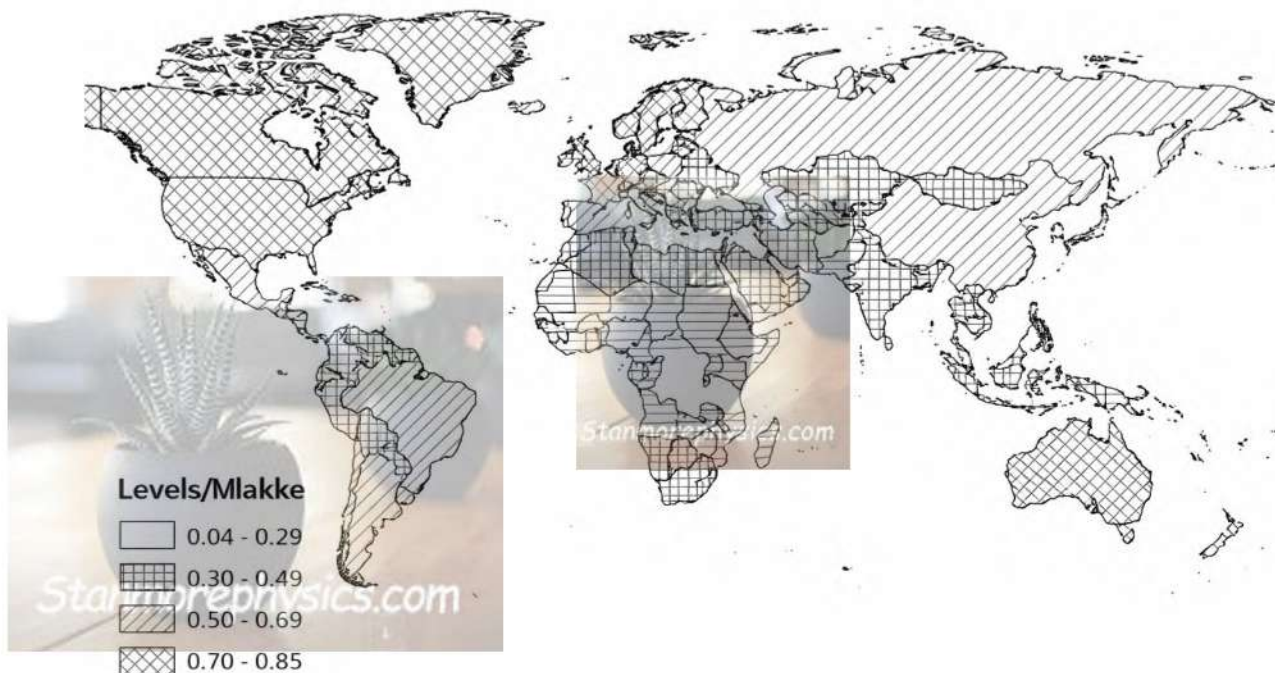
SECTION B: DEVELOPMENT

(40 MARKS)

QUESTION 4: WAYS OF MEASURING DEVELOPMENT

4. Study figure 4 which shows the HDI of countries of the world and answer the questions that follow.

FIGURE 4: Map which shows the HDI of countries of the world



- 4.1. What does the abbreviation HDI stand for? (1x1) (1)
- 4.2. What is the definition of HDI (1x2) (2)
- 4.3 Explain how HDI is interpreted in terms of development. (1x2) (2)
- 4.4. Mention THREE (3) aspects of HDI (3x1) (3)
- 4.5. Give South Africa's HDI score as shown on the map? (1x2) (2)
- 4.6. Comment on the quality of life in South Africa based on the score you mentioned in 4.5. (1x2) (2)
- 4.7. Name ONE (1) country from the map with the lowest HDI score (1x1) (1)
- 4.8. Name ONE (1) country from the map with the highest HDI score (1x1) (1)

[14]

QUESTION 5: FACTORS AFFECTING DEVELOPMENT

5. Study picture A and B and answer the questions that follow

A



B



<https://www.google.com>

5.1 Identify the factor illustrated by the pictures that affect the development. (1x2) (2)

5.2 Explain how the factor you have mentioned in 5.1 affect the development of a country. (1x2) (2)

5.3 Match picture A and B with the LEDCs and MEDCs. (2x1) (2)

5.4 Describe the impact technology has on industrialisation (1x2) (2)

5.5 Mention THREE (3) other factors that affect development of a country. (3x1) (3)

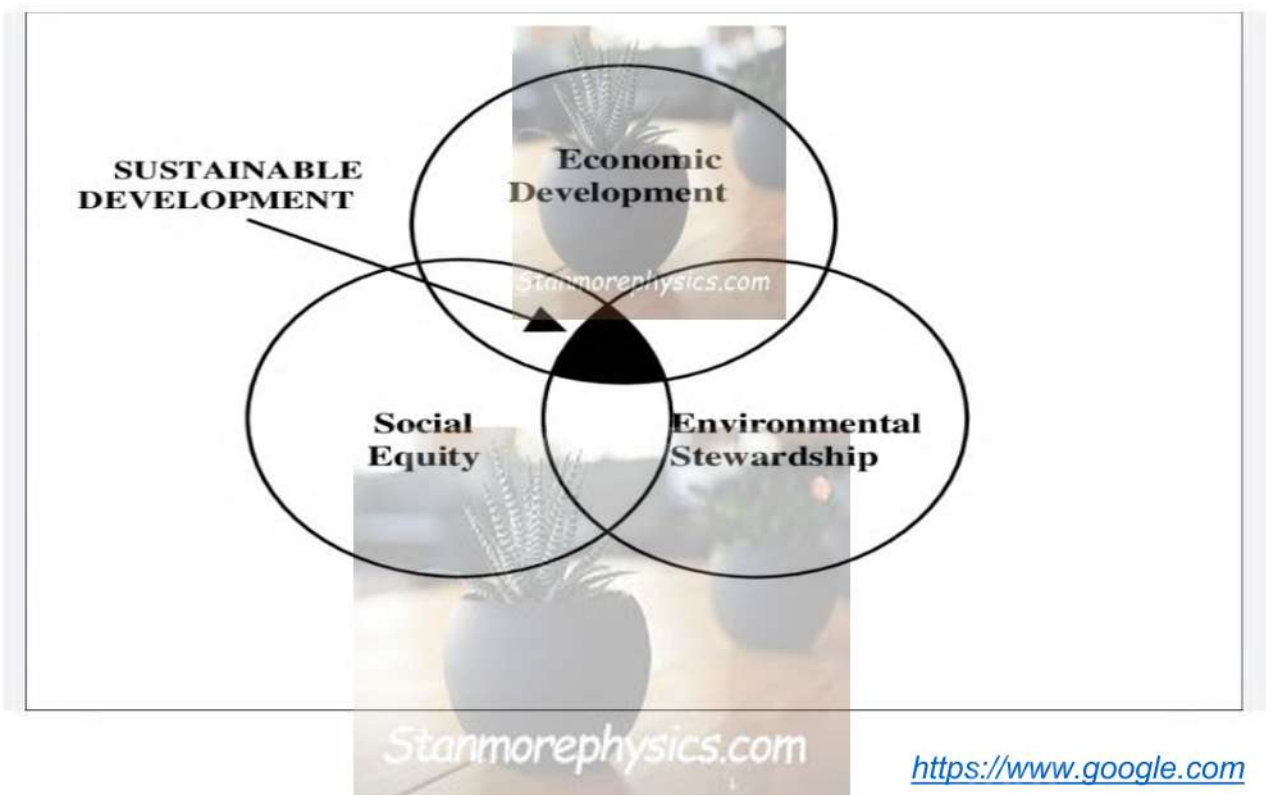
5.6 Define the concept trade (1x2) (2)

[13]

QUESTION 6: SUSTAINABLE DEVELOPMENT

6. Refer to the diagram below and answer questions that follow

Diagram illustrating three elements/ components of sustainable development



6.1 Define the concept Sustainable Development. (1x2) (2)

6.2 Mention **THREE (3)** aspects of alternative development. (3x1) (3)

6.3 In a paragraph of **EIGHT** lines explain with suitable examples elements of sustainable development. (8x1)(8)

[13]

SECTION B TOTAL: 35 MARKS

GRAND TOTAL: 75



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GRADE 9

SOCIAL SCIENCES GEOGRAPHY P1
TERM 2 MARKING GUIDELINE

13 MAY 2026

MARKS: 50

This marking guideline consists of **4 pages** including the cover page.

SECTION A: MAP SKILLS**(35 MARKS)****QUESTION 1: MULTIPLE-CHOICE QUESTIONS**

Refer to topographical map and Orthophoto map to answer the following questions

1. Various options are provided as possible answers to the following questions. Write only the letter representing the correct answer next to the question number. E.g. 1.8 B

- | | | |
|-----|---|-----------|
| 1.1 | C / Eastern Cape ✓ | (1X1) (1) |
| 1.2 | C / Ratio and line ✓ | (1x1) (1) |
| 1.3 | B / Road ✓ | (1x1) (1) |
| 1.4 | C / 5 m ✓ | (1X1) (1) |
| 1.5 | A / National route ✓ | (1X1) (1) |
| 1.6 | B / Trigonometric beacon ✓ | (1X1) (1) |
| 1.7 | D / line of latitude and line of longitude ✓ | (1X1) (1) |

[7]**QUESTION 2**

2. Refer to the topographic map as well as the orthophoto map before answering the questions that follow:

- | | | |
|-----|---|-----------|
| 2.1 | contour lines – lines on a map joining places of equal height ✓✓ / | (1x2) (2) |
| | • Contour lines are map lines that show areas with the same height. ✓✓ | |
| 2.2 | Steep slope ✓ | (1x1) (1) |
| 2.3 | The contour lines that are very close together ✓✓ | (1X2) (2) |
| 2.4 | The water can be used for irrigation ✓✓ | (2x2) (4) |
| | The dam can be used to store water ✓✓ | |
| | It can be used for domestic purposes ✓✓ | |

(any 2 correct answers)

2.5 Differentiate between natural and constructed features (2x2) (4)

- Natural features – features that come from nature✓✓
- Constructed – features that are made by people✓✓

[13]

QUESTION 3

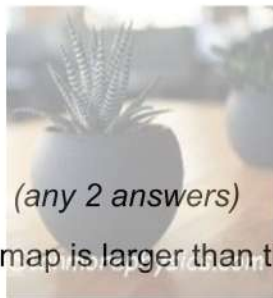
Refer to both topographical map and orthophoto map

3.1 **Cartographer** - is a person who creates, designs, and produces maps✓✓ (1x2) (2)

(mark the concept)

3.2 (2x1) (2)

- Spot height✓
- Trig beacon✓
- Contour line✓
- Bench mark✓



(any 2 answers)

3.3 Because the scale of Orthophoto map is larger than that of the topographical map✓✓ (1x2) (2)

or

The scale of Orthophoto map is five times larger than the scale of the topographical map ✓✓

3.4 Convert the scale 1:50 000 into word scale: (1x2) (2)

One centimetre on a map represents fifty thousand centimetres on the ground✓✓

3.5 Cultivated land✓dam ✓reservoir ✓track✓canals✓river✓ flat land (2x1) (2)

(any two)

3.6 **Latitude** = 32 ° 15' 08" S ✓ (2x1) (2)

Longitude = 24 ° 32' 26" E✓

3.7 **Actual Distance** = Map distance x Map scale (3x1) (3)

4cm ✓ X 100km ✓ (range: 3,9 – 4.1)
= 400m ✓

[15]

SECTION A TOTAL: 35 MARKS

SECTION B**40 MARKS****QUESTION 4: WAYS OF MEASURING DEVELOPMENT**

- 4.1 Human Development Index✓ (1)
- 4.2 Is a composite statistic used to measure a country's average achievement in key
In key areas, life expectancy, literacy and GDP per capita.✓✓ (2)
- 4.3 HDI scores range from 0 -1, score closer to 1 indicates highly developed country
While score closer to 0 indicates less developed country✓✓. (2)
- 4.4 Life expectancy;✓ literacy✓ and GDP per capita✓ 3x1 (3)
- 4.5 0.30-0.49✓✓ (2)
- 4.6 The score is closer to 0 therefore SA is less developed country✓✓ (2)
- 4.7 Any country located south of Brandt Line.✓ (1)
- 4.8 Any country located south of Brandt Line.✓ (1)
- [14]**

QUESTION 5: FACTORS AFFECTING DEVELOPMENT

- 5.1 Education ✓✓ 1x2 (2)

5.2 PICTURE A

Quality of education is not a challenge, and education would result in more
skilled people.✓✓

There would be more designed machines which lead to high mass production✓✓

Quality of life would be better.✓✓

More advanced technology✓✓

ANY

1x2 (2)

OR

PICTURE B

New technology would be less in a country✓✓

People would be less skilled✓✓

Less economic production✓✓

Quality of life is a challenge✓✓

ANY

1 x2 (2)

- 5.3 A MEDCs✓; B LEDCs✓ (2)

5.4 If there is advanced technology in a country, industrialization would be faster✓✓,
Grater and the quality of products would be produced.✓✓

There would be more production of machines✓✓ ANY 1X2 (2)

5.5 Historical factors✓

Trade✓

Technology and industrialisation✓

Political stability✓

Health and welfare✓ 3x1 (3)

5.6 Trade involves buying and selling of products and services.✓✓ (2)

[13]

QUESTION 6

6.1 Sustainable development is development that improves the quality of life for
people living now and for future generations without damaging the

environment✓✓ (2)

6.2 Health✓; basic infrastructure✓; community development✓; agricultural

development✓; improved market✓; environmental production ✓security rule

of law✓and gender equity✓ ANY TWO 3x1 (3)

6.3 Learner answer should include the following:

- **Social development:** creating sustainable successful place promote well-being of people; understanding what people need from the place they live and work.
E.g. reduce inequality; develop local skills and long term well -being for all people.
- **Economic development:** element that seeks to improve the economic well-being and quality of life for a community. E.g. encourage small scale community project such as growing of vegetables; using simple technology and etc.
- **Environmental development:** promoting sustainable and responsible use of natural resources and reducing damage on the environment and ecosystem. E.g. avoid cutting of trees and polluting the environment; use local resources sustainably.

[13]

Use the rubric below to mark the paragraph.

Level	Descriptors	Scores	Marks obtained
1	• Uses evidence in an elementary manner. • Shows little or no understanding.	0-2	
2	• Evidence is mostly relevant and relates to a great extent to the topic • Uses evidence in a very basic manner • The learner show understanding of the topic	3-5	
3	• The learner uses relevant evidence • The learner demonstrate thorough knowledge/ understanding of the topic • The learner uses evidence very efficiently in an organised paragraph that shows thorough understanding of the topic.	6-8	

SECTION B TOTAL: 35 MARKS

GRAND TOTAL: 75 MARKS