



Province of the  
**EASTERN CAPE**  
EDUCATION  
CHRIS HANI EAST

# SOCIAL SCIENCES

## GRADE 9

## GEOGRAPHY

Term 1 Test

March 2025

Name: \_\_\_\_\_

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

|                | QUESTION 1 | QUESTION 2 | QUESTION 3 | QUESTION 4 | Learner's mark |
|----------------|------------|------------|------------|------------|----------------|
|                | 30         | 6          | 8          | 6          |                |
| MARKS OBTAINED |            |            |            |            |                |

Duration: 1 Hour 30 Minutes

**50 Marks**

### INSTRUCTIONS:

Write in your neatest handwriting.

Make sure that you read the question carefully and that you understand what the question asks

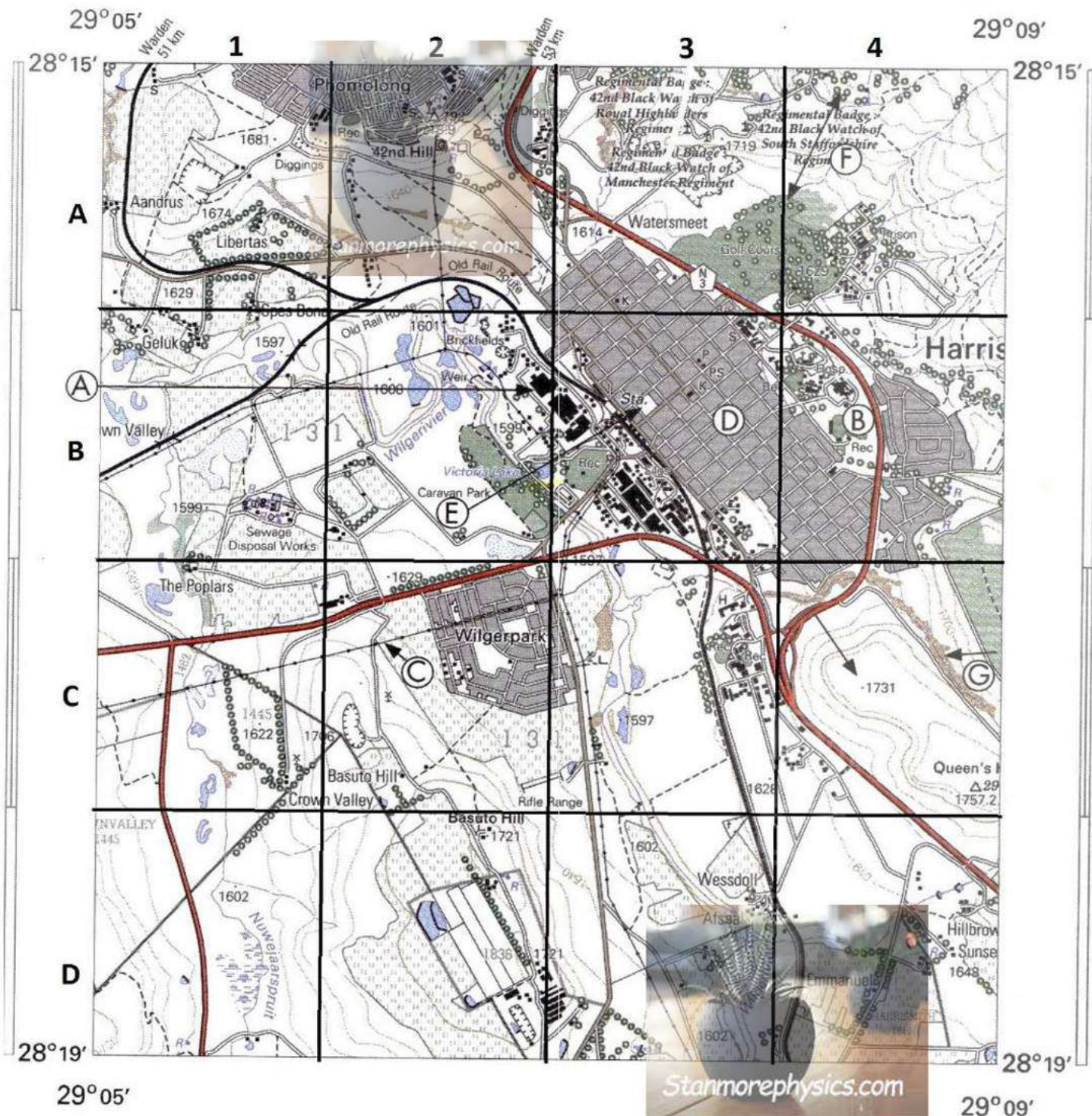
- THIS QUESTION PAPER CONSIST OF 7 PAGES

QUESTION 1

[6 Marks]

All questions in this section are based on the **Extract of 2829AC HARRISMITH**.

Extract of  
1: 50000 Scale  
**2829AC HARRISMITH**





| REFERENCE                                   |  | VERKLARING                         |
|---|--|------------------------------------|
| National Freeway; National Route.....       |  | Nasionale Deurpad; Nasionale Roete |
| Arterial Route.....                         |  | Hoofverkeersroete                  |
| Main Road.....                              |  | Hoofpad                            |
| Secondary Road; Bench Mark.....             |  | Sekondêre Pad; Hoogtemerk          |
| Other Road; Bridge.....                     |  | Ander Pad; Brug                    |
| Track and Hiking Trail.....                 |  | Dowwe Pad en Voetslaanpad          |
| Railway; Station or Siding.....             |  | Spoorweg; Stasie of Sylyn          |
| Other Railway; Tunnel.....                  |  | Ander Spoorweg; Tunnel             |
| Embankment; Cutting.....                    |  | Opvulling; Deurgrawing             |
| Power Line.....                             |  | Kraglyn                            |
| Built-up Area (High, Low Density).....      |  | Beboude Gebied (Hoë, Lae Digtheid) |
| Buildings; Ruin.....                        |  | Geboue; Murasie                    |
| Post Office; Police Station; Store.....     |  | Poskantoor; Polisiestasie; Winkel  |
| Place of Worship; School; Hotel.....        |  | Plek van Aanbidding; Skool; Hotel  |
| Fence; Wall.....                            |  | Draadheining; Muur                 |
| Windpump; Monument.....                     |  | Windpomp; Monument                 |
| Communication Tower.....                    |  | Kommunikasietoring                 |
| Mine Dump; Excavation.....                  |  | Mynhoop; Uitgraving                |
| Trigonometrical Station; Marine Beacon..... |  | Peilbaken; Seevaartbaken           |
| Lighthouse and Marine Light.....            |  | Vuurtoring en Seevaartlig          |
| Cemetery; Grave.....                        |  | Begraafplaas; Graf                 |
| International Boundary and Beacon.....      |  | Internasionale Grens en Baken      |
| Provincial Boundary.....                    |  | Provinsiale Grens                  |
| Protected Area.....                         |  | Bewarings Gebied                   |
| Perennial River.....                        |  | Standhoudende Rivier               |
| Perennial Water.....                        |  | Standhoudende Water                |
| Non-perennial River.....                    |  | Nie-standhoudende Rivier           |
| Non-Perennial Water.....                    |  | Nie-standhoudende Water            |
| Dry Water Course.....                       |  | Droë Loop                          |
| Dry Pan.....                                |  | Droë Pan                           |
| Marsh and Vlei.....                         |  | Moeras en Vlei                     |
| Pipeline (above ground).....                |  | Pyplyn (bo die grond)              |
| Water Tower; Reservoir; Water Point.....    |  | Watertoring; Reservoir; Waterpunt  |
| Coastal Rocks.....                          |  | Kuslynrotse                        |
| Prominent Rock Outcrop.....                 |  | Prominente Klipbank                |
| Erosion; Sand.....                          |  | Erosie; Sand                       |
| Woodland.....                               |  | Beboste Gebied                     |
| Cultivated Land.....                        |  | Bewerkte Land                      |
| Orchard or Vineyard.....                    |  | Boord of Wingerd                   |
| Recreation Ground.....                      |  | Ontspanningsterrein                |
| Row of Trees.....                           |  | Rye Bome                           |

### 1.1. Encircle a correct letter

1.1.1. Lines that indicate equal height above the sea level.

- A. Latitudes
- B. Contour lines
- C. 100 m

1.1.2. A contour interval of the map of Harrismith is.....

- A. 20 m
- B. 20 Km
- C. 100 m

1.1.3. A landform at **A4** is.....

- A. Permanent rock
- B. Perennial river
- C. River valley

1.1.4. One of the following indicators is not the height indicator

- A. Contour lines
- B. Benchmark
- C. Contour interval

1.1.5. In the North eastern part of A4 there is no sign of housing or buildings because;

- A. the area is an ocean
- B. the area is mountainous
- C. is a cultivated area

1.1.6. The highest area in this map is.....

- A. Basuto Hill in D2
- B. Queen's Peak Hill in C4
- C. 42<sup>nd</sup> Hill in A2

(6X1) 6

1.2. Write any two feature symbols in **C2** and **C3** on each column category below. (6)

| Line symbols | Area symbols | Point symbols |
|--------------|--------------|---------------|
| 1.2.1.       |              |               |
| 1.2.2.       |              |               |

(6)

1.3 Refer to the main river in block **D3**.

1.3.1 What is the name of the main river in block D? (1)

1.3.2 What is the usefulness of the river to the nearby cultivated lands? (1)

1.4. Refer to blocks **A4** and **D4**

1.4.1 Which block ( A4 or D4 ) represents gentle slope? (1)

1.4.2. Give reason for your answer in 1.4.1 (1)

1.5. What is a grid reference of;

1.5.1. A wind-pump in **C2**: (2)

1.5.2. The reservoir at **D1**:

(2)

1.6. Calculate the distance in **km** from spot height **173** in block **C4** to trigonometrical beacon **29** in block **C4**. (3)

Calculate



1.7. Break down the code of this map (2829AC HARRISMITH) (4)

|  |
|--|
|  |
|  |
|  |
|  |

1.8. What direction is the excavation in **C2** from the reservoir in **D1**? (1)

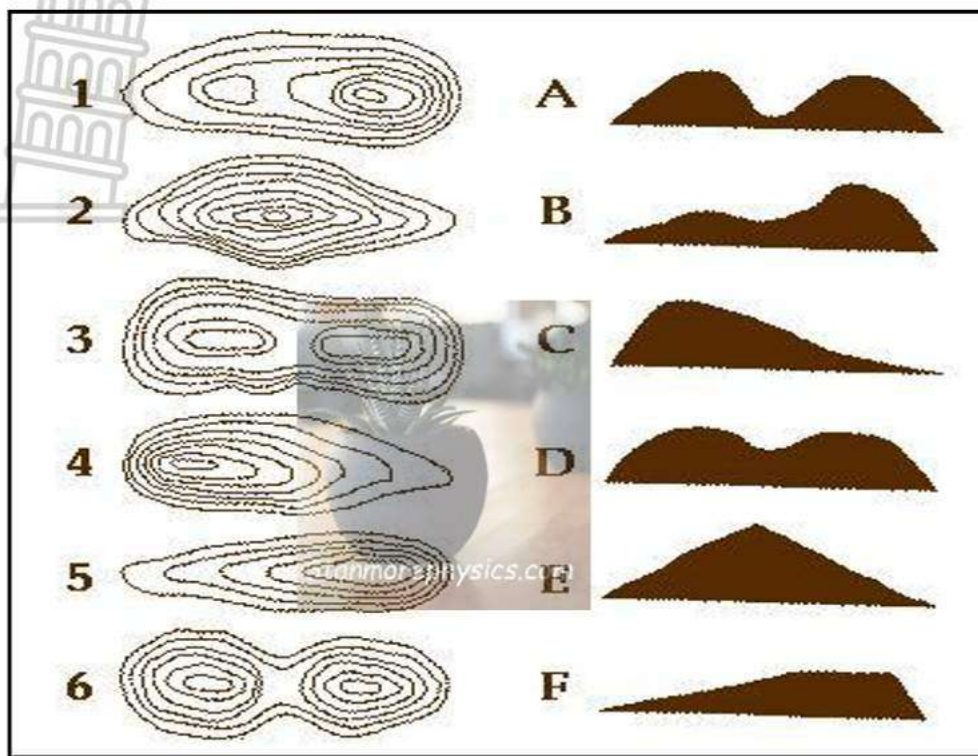
1.9. a) Does Phomolong have electricity supply? (1)

b) Why do you say that? Support your answer. (1)



## QUESTION 2

2.1. Match the contour patterns on the left with the landforms on the right.



### ANSWERS

1. ....

2. ....

3. ....

4. ....

5. ....

6. .... (6)

### QUESTION 3

3.1. Study the orthophoto below



An Ortho-photo map of an area near Jeffrey's Bay in the Eastern Cape

3.1.1. What is used on the above photo to determine the height? (2)

\_\_\_\_\_ and  
\_\_\_\_\_

3.1.2. What is the contour interval of contours on photo? \_\_\_\_\_  
(1)



3.1.3. The altitude (height) of the **Dam** pointed with an arrow on the photo is

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

3.1.4. Identify the following features on the image: put the letters **A** to **D** on the photo.  
(4).

**A.** a gentle slope, **B.** a river valley, **C.** a settlement. **D.** Beach.

#### QUESTION 4

Study the aerial photographs below and match each photo with a correct letter.



- A.** It is difficult to guess the height of building because you cannot see the sides of the buildings very clearly
- B.** Some features are blocked out in this photograph because of the angle of the camera.
- C.** This photograph was taken with the camera lens in a perpendicular position to the ground
- D.** This is the view from the window of an airplane.



Ellis Park



Ellis Park

|                                  |   |  |
|----------------------------------|---|--|
|                                  |  |  |
| Type of aerial photograph<br>(2) |   |  |
| Write the relevant letter        |   |  |
| 1x4                              |   |  |
| =(4)                             |   |  |

(6)

**TOTAL = 50 MARKS**





Province of the  
**EASTERN CAPE**  
EDUCATION  
CHRIS HANI EAST

# SOCIAL SCIENCES

## GRADE 9

Memorandum Term 1 Test

March 2025

Name: \_\_\_\_\_

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

|                | QUESTION 1 | QUESTION 2 | QUESTION 3 | QUESTION 4 | Learner's mark |
|----------------|------------|------------|------------|------------|----------------|
|                | 30         | 6          | 8          | 6          |                |
| MARKS OBTAINED |            |            |            |            |                |

Duration: 1 Hour 30 Minutes

**50 Marks**

### INSTRUCTIONS:

Write in your neatest handwriting.

Make sure that you read the question carefully and that you understand what the question asks

- THIS QUESTION PAPER CONSIST OF 7 PAGES

SOCIAL SCIENCE

GEOGRAPHY

March 2025

Grade: 9

**MARKING GUIDE****Question 1**

- 1.1.1. B - Contour lines ✓  
 1.1.2. A - 20m ✓  
 1.1.3. C - River valley ✓  
 1.1.4. C - contour interval ✓  
 1.1.5. B - Area is mountainous ✓  
 1.1.6. B - Queens Park ✓

**(6)**

1.2.

| Line symbols  | Area symbols  | Point symbols  |
|---|---|--|
| <ul style="list-style-type: none"> <li>- Power-line</li> <li>- River</li> <li>- Railway</li> <li>- Hiking trail</li> <li>- National Route</li> <li>- Row of trees</li> <li>- Other roads (any 2)</li> </ul> | <ul style="list-style-type: none"> <li>- Built-up Area</li> <li>- Cultivated land</li> <li>- Excavation - Dam</li> <li>(any 2)</li> </ul> | <ul style="list-style-type: none"> <li>- Wind-pump</li> <li>- Hotel</li> <li>- Buildings</li> <li>(any 2)</li> </ul> |

1.3. Wilger river ✓ (1)

1.3.2 For irrigation purpose / farming ✓ (1)

1.4

1.4.1. **A4** ✓ (1)

1.4.2 Contour lines are far apart ✓ (1)

1.5

1.5.1. A Wind-pump in C2: **28°17' 31''S** ✓ **29°06' 17'' E** ✓ (2)1.5.2. The Reservoir at D1: **28°18' 31''S** ✓ **29°05' 27'' E** ✓ (2)



1.6. Calculate the distance in **km** from spot height **173** in block **C4** to trigonometrical beacon **29** in block **C4**. (3)

1.6. FORMULA = 1: 50 000

Distance on map = (2,4 cm – 2.6 cm)

2,4 cm X 0,5 ✓

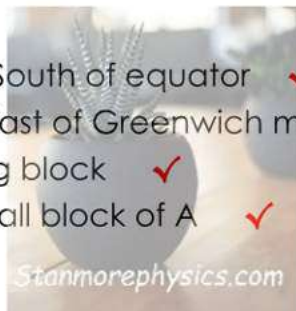
= 1,2 ✓ KM ✓

(3) ( 1,2 – 1,3) Answer

1.7.

- **28** = 28° South of equator ✓
- **29** = 29° East of Greenwich meridian ✓
- **A** = A big block ✓
- **C** = A small block of A ✓

(4)



Example

|   |   |   |   |
|---|---|---|---|
| A | B | A | B |
| C | D | C | D |
| A | B | A | B |
| C | D | C | D |

1.8. SOUTH WEST ✓ (1)

1.9. a) Yes ✓ (1)

b) There is evidence of power lines at block **A2** ✓

## QUESTION 2

Match the contour patterns on the left with the landforms on the right.

### ANSWERS

1. B ✓

2. E ✓

3. D ✓

4. C ✓

5. F ✓

6. A ✓

### QUESTION 3

3.1. Study the orthophoto below



An Ortho-photo map of an area near Jeffrey's Bay in the Eastern Cape

3.1.1. Contour lines ✓, trigonometrical beacon ✓ and Spot height ✓ (2) ( any 2 )

3.1.2. 5 m ✓ (1)

3.1.3. The altitude (height) of the **Dam** pointed with an arrow on the photo is

- ANY HEIGHT BETWEEN **40m AND 55m** ✓ (1)

3.1.2. Identify the following features on the image: put the letters **A** to **D** on the photo. (4)



**A.** a gentle slope, **B.** a river valley, **C.** a settlement. **D.** Beach.





# QUESTION 4

1.12. Study the aerial photographs below and match each photo with a correct letter.

- A. It is difficult to guess the height of building because you cannot see the sides of the buildings very clearly
- B. Some features are blocked out in this photograph because of the angle of the camera
- C. This photograph was taken with the camera lens in a perpendicular position to the ground
- D. This is the view from the window of an airplane.



|                               |   |  |
|-------------------------------|---|--|
|                               | <br>Stanmorephysics.com Ellis Park | <br>Stanmorephysics.com Ellis Park |
| Type of aerial photograph (2) | Vertical aerial photograph ✓  | Oblique aerial photograph ✓  |
| Write the relevant letter     | A ✓   | B ✓  |
|                               | C ✓   | D ✓  |
| 1x4=(4)                       |   |  |