

**GRADE 10: GEOGRAPHY PAPER 2****JUNE 2026****PAPER 2 MAP WORK****Time: 1 hour 30 min****100 marks****Examiner: Miss Manhice****Moderator: Mr Cele****PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

1. Write your name in the space provided above.
2. This paper consists of 9 pages and a topographic map extract.
3. Read the questions carefully.
4. Answer **ALL** the questions in the spaces provided on the question paper.
5. Carefully study the 1:50 000 topographical map extract **3218AD Elandsbaai** and the orthophoto before answering the questions.
6. The topographic map has grid lines with markings A to E and 1 to 6 that may be used to identify locations according to blocks.
7. It is in your own interest to write legibly and to present your work neatly.
8. A magnifying glass may be used.
9. No tippex or erasable pens

Translation of words:

- Groudduine – Groud dunes
- Die Mond – the river mouth
- Kop – head
- Platklip – flat head

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Figure 1: Location Map of Elandsbaai



“Elands Bay is a town in South Africa, situated in the Western Cape Province, on the Atlantic Ocean, at 32°18’S 18°19’E. The town is located about 220 kilometres north from Cape Town. It is a world class surfing location and is also noted for its caves, which have a number of rock paintings.”

QUESTION 1 ATLAS WORK

Refer to the location map above (Figure 1), as well as the topographic map extract 3218AD Elandsbaai to answer the questions that follow. Tick the correct box.

1.1 The province in which Elandsbaai in Figure 1 is located is...

Limpopo	
North West	
Western Cape	
Eastern Cape	

(1)

1.2 The capital of the province in your answer to 1.1 is...

Polokwane	
Cape Town	
Kimberly	
Durban	

(1)

1.3 The neighbouring country labelled A in Figure 1 on page 2 is ...

Eswatini	
Mozambique	
Namibia	
Zimbabwe	

(1)

1.4 The capital of the neighbouring country labelled A in Figure 1 on page 2 is...

Windhoek	
Maseru	
Mbabane	
Katlehong	

(1)

1.5 Elandsbaai is known for

Motor cross and diving	
Surfing and caves	
Hotel training	
Knitting classes	

(1)

(5)

QUESTION 2 MAP SKILLS

Refer to the 1: 50 000 topographic map extract 3218AD Elandsbaai and 3218AD07 Elandsbaai orthophoto map.

2.1 The map sheet for a topographic map lying to the south of 3218AD Elandsbaai will be:

_____ (1)
2.2. Locate the road 366 that runs from the Post Office in block B3 to the edge of the map.

2.2.1. Calculate the length of the road from the post office to where it leaves the map in block B6. Show all your calculations (3)

Extra space

2.2.2. Give the co-ordinates for the Post Office.

Latitude: _____

Longitude: _____

(6)

2.2.3 Give the direction of the post office from trig. beacon 11 found in block C3.

_____ (1)

2.2.4 Give the true bearing of the post office to the trig. beacon 11 found in block C3.

_____ (1)

2.2.5 Calculate the current magnetic declination for this map (the map declination was taken in 2014).

(8)

2.2.6 Determine the magnetic bearing of the post office to the trig. beacon 11 found in block C3.

_____ (2)

2.2.7 The area at Bobbejaansberg (C2 and C3) shows evidence of different slopes.

(a) Describe how contour lines can indicate a steep or gentle slope.

(4)

(b) Draw a cross-section from Trig Station 11 (C3) to the clinic in B3.
Use a vertical scale of 1: 20m



(7)

(c) Calculate the Vertical Exaggeration for your cross-section in 2.2.7 (b)

VE : _____ (4)

Calculations.

(d) Calculate the gradient of the slope between Trig Station 11 (C3) and the clinic in B3.

- Difference in Height: _____ m (2)
- Measured Distance: _____ m (2)
- Gradient: 1: _____ (3)

Calculations.

(44)

QUESTION 3 MAP ANALYSIS

3.1 Locate the town of Elandsbaai.

3.1.1 Name the man-made feature that separates Elandsbaai from Swansea (C3).

_____ (2)

3.1.2 How does this man made feature (identified in Question 3.1.1. above) make its way via the Bobbejaansberg in block C2?

_____ (2)

3.1.3 Give 2 pieces of evidence to show that Elandsbaai is a tourist town?

(2)

3.2 Refer to the 1: 10 000 orthophoto map of Elandsbaai (3218AD07).

3.2.1 Using both the topographic and orthophoto map prove that slope at A is steep.

(2)

3.2.2 Identify the type of river feature at B.

(2)

3.2.3 How does the texture on the orthophoto map show natural vegetation at C?

(2)

3.2.4 Identify the height indicator at D.

(1)

3.3 The orthophoto map is an example of remote sensing and data used in G.I.S.

3.3.1 Explain what GIS is.

(4)

3.3.2 Complete the table below by using evidence from the map and the photo.

Type of GIS data	Explanation	Example evidence
e.g System data	Enabled by computers	The shop in G2
Raster Data	(2)	(2)
Vector Data	(2)	(2)
Spatial Data	(2)	(2)
Attribute Data	(2)	(2)
Lines/arcs	(2)	(2)
Points	(2)	(2)
Nodes/Polygons	(2)	(2)

(45)

QUESTION 4 PHOTO ANALYSIS

4.1 Refer to the following images taken in Elandsbaai and answer the questions that follow:

Photograph	What is the use of the buildings in the pictures below?	State the GRID one would find the places in the pictures?
		
 shutterstock.com · 1445098289		
		

(Source: Examiner)
(6)

Total: 100