



Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

GEOGRAPHY

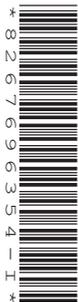
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Paper 4 Alternative to Coursework

May/June 2014

INSERT

1 hour 30 minutes



READ THESE INSTRUCTIONS FIRST

This Insert contains Photograph A, Figs 1, 2 and 3 and Tables 1 and 2 for Question 1, and Tables 3 and 4 for Question 2.

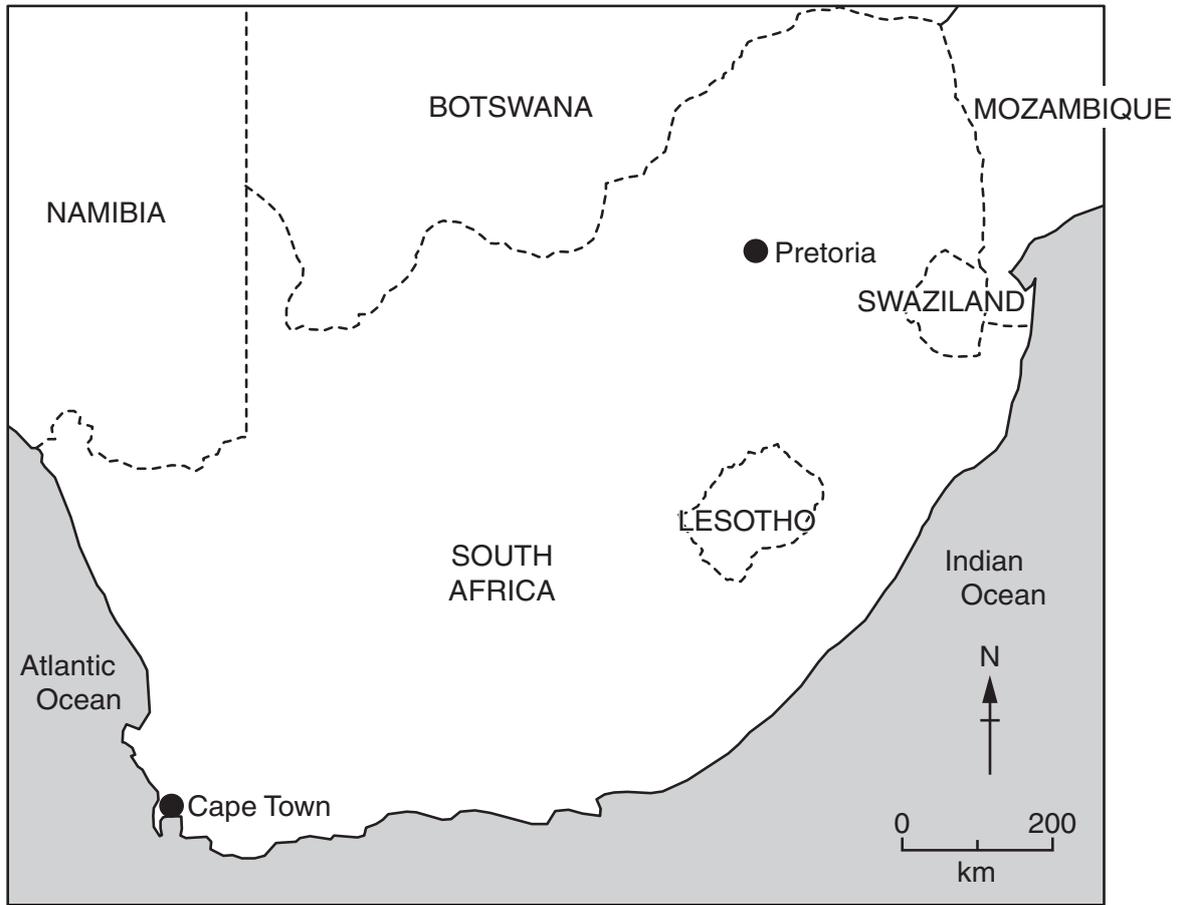
The Insert is **not** required by the Examiner.

The syllabus is approved for use in England, Wales and Northern Ireland as a Cambridge International Level 1/Level 2 Certificate.

This document consists of **7** printed pages and **1** blank page.

Fig. 1 for Question 1

Location of Pretoria and Cape Town



Key

- city
- international border

Photograph A for Question 1



Fig. 2 for Question 1

Maximum-Minimum thermometer

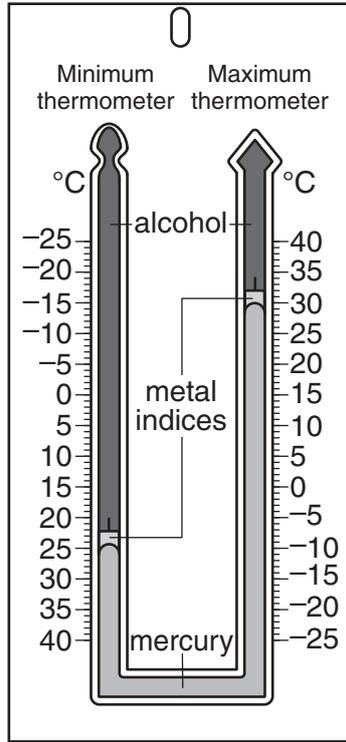


Fig. 3 for Question 1

Rain gauge

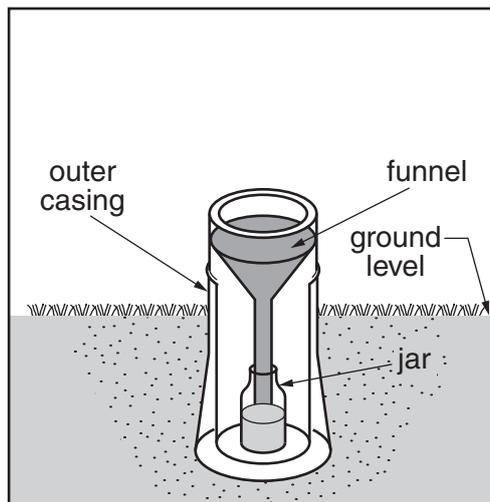


Table 1 for Question 1

Daily temperatures in July for Pretoria and Cape Town

| Pretoria | | | Cape Town | | |
|--------------|-----------------|-----------------|--------------|-----------------|-----------------|
| Date in July | Maximum temp °C | Minimum temp °C | Date in July | Maximum temp °C | Minimum temp °C |
| 1 | 15.5 | 0.8 | 1 | 15.9 | 3.7 |
| 2 | 15.6 | 3.2 | 2 | 15.8 | 5.2 |
| 3 | 15.2 | 5.2 | 3 | 18.8 | 4.1 |
| 4 | 16.1 | 2.1 | 4 | 16.9 | 8.8 |
| 5 | 16.7 | 3.6 | 5 | 15.8 | 9.0 |
| 6 | 17.6 | 2.3 | 6 | 16.1 | 6.0 |
| 7 | 18.8 | 7.3 | 7 | 16.7 | 6.1 |
| 8 | 11.7 | 1.6 | 8 | 16.4 | 8.0 |
| 9 | 14.8 | -2.8 | 9 | 16.0 | 11.7 |
| 10 | 15.9 | 0.8 | 10 | 16.1 | 7.6 |
| 11 | 17.4 | 0.7 | 11 | 16.7 | 6.0 |
| 12 | 18.0 | 5.1 | 12 | 17.6 | 6.3 |
| 13 | 18.7 | 7.8 | 13 | 17.2 | 6.2 |
| 14 | 11.6 | 2.1 | 14 | 13.5 | 12.2 |
| 15 | 10.0 | -1.4 | 15 | 14.4 | 5.4 |
| 16 | 13.0 | -4.7 | 16 | 13.5 | 5.3 |
| 17 | 11.5 | 1.8 | 17 | 15.8 | 2.8 |
| 18 | 8.9 | 1.5 | 18 | 18.3 | 2.1 |
| 19 | 13.5 | -1.9 | 19 | 19.0 | 4.6 |
| 20 | 16.2 | 2.5 | 20 | 22.2 | 3.6 |
| 21 | 20.3 | 2.5 | 21 | 24.6 | 5.4 |
| 22 | 22.0 | 6.7 | 22 | 19.0 | 9.3 |
| 23 | 16.5 | 3.3 | 23 | 15.4 | 10.3 |
| 24 | 19.7 | -2.0 | 24 | 15.7 | 11.6 |
| 25 | 22.1 | 7.8 | 25 | 16.4 | 11.5 |
| 26 | 23.2 | 6.2 | 26 | 15.8 | 10.1 |
| 27 | 24.0 | 11.0 | 27 | 15.4 | 11.6 |
| 28 | 22.2 | 8.2 | 28 | 15.7 | 9.3 |
| 29 | 17.5 | 0.5 | 29 | 16.2 | 10.8 |
| 30 | 19.0 | 4.0 | 30 | 13.1 | 7.4 |
| 31 | 19.5 | 7.5 | 31 | 19.5 | 8.5 |

Table 2 for Question 1

Temperature and rainfall data in July for Cape Town

| Date in July | Maximum temperature (°C) | Rainfall (mm) |
|--------------|--------------------------|---------------|
| 1 | 15.9 | 0 |
| 2 | 15.8 | 0 |
| 3 | 18.8 | 0 |
| 4 | 16.9 | 0 |
| 5 | 15.8 | 1 |
| 6 | 16.1 | 0 |
| 7 | 16.7 | 3 |
| 8 | 16.4 | 13 |
| 9 | 16.0 | 1 |
| 10 | 16.1 | 2 |
| 11 | 16.7 | 0 |
| 12 | 17.6 | 0 |
| 13 | 17.2 | 2 |
| 14 | 13.5 | 12 |
| 15 | 14.4 | 7 |
| 16 | 13.5 | 1 |
| 17 | 15.8 | 0 |
| 18 | 18.3 | 0 |
| 19 | 19.0 | 0 |
| 20 | 22.2 | 0 |
| 21 | 24.6 | 0 |
| 22 | 19.0 | 3 |
| 23 | 15.4 | 20 |
| 24 | 15.7 | 3 |
| 25 | 16.4 | 1 |
| 26 | 15.8 | 9 |
| 27 | 15.4 | 2 |
| 28 | 15.7 | 15 |
| 29 | 16.2 | 4 |
| 30 | 13.1 | 2 |
| 31 | 19.5 | 0 |

Table 3 for Question 2**Average number of storeys at selected points**

| Transect | CBD | Distance away from centre of CBD | | | |
|----------|------|----------------------------------|------------|------|------|
| | | 1 km | 2 km | 3 km | 4 km |
| North | 7.5 | 2.7 | 1.5 | 1.2 | 1.0 |
| East | 10.3 | 1.7 | 5.9 | 1.5 | 0 |
| South | 6.3 | 2.5 | 1.5 | 1.2 | 1.8 |
| West | 8.2 | 2.3 | 2.0 | 1.3 | 1.0 |

Table 4**Land use percentages for the CBD and four transects**

| Land use | CBD | Transect | | | |
|-------------|-----|----------|------|-------|------|
| | | North | East | South | West |
| Residential | 2 | 72 | 33 | 49 | 85 |
| Commercial | 63 | 7 | 34 | 24 | 5 |
| Offices | 25 | 9 | 9 | 7 | 0 |
| Services | 10 | 0 | 24 | 2 | 0 |
| Industry | 0 | 12 | 0 | 18 | 10 |

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