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GEOGRAPHY **0460/41**

Paper 4 Alternative to Coursework **May/June 2024**

INSERT **1 hour 30 minutes**

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INFORMATION

- This insert contains additional resources referred to in the questions.
- You may annotate this insert and use the blank spaces for planning. **Do not write your answers** on the insert.

This document has **12** pages. Any blank pages are indicated.

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Table 1.1 for Question 1

Results of temperature and rainfall measurements

day	maximum temperature °C	minimum temperature °C	rainfall (mm)
1	27	16	0
2	26	16	0
3	26	16	15
4	24	14	0
5	22	14	0
6	22	15	0
7	24	15	12
8	26	14	1
9	25	15	8
10	26	15	1

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Fig. 1.1 for Question 1

Location of Johannesburg and Cape Town

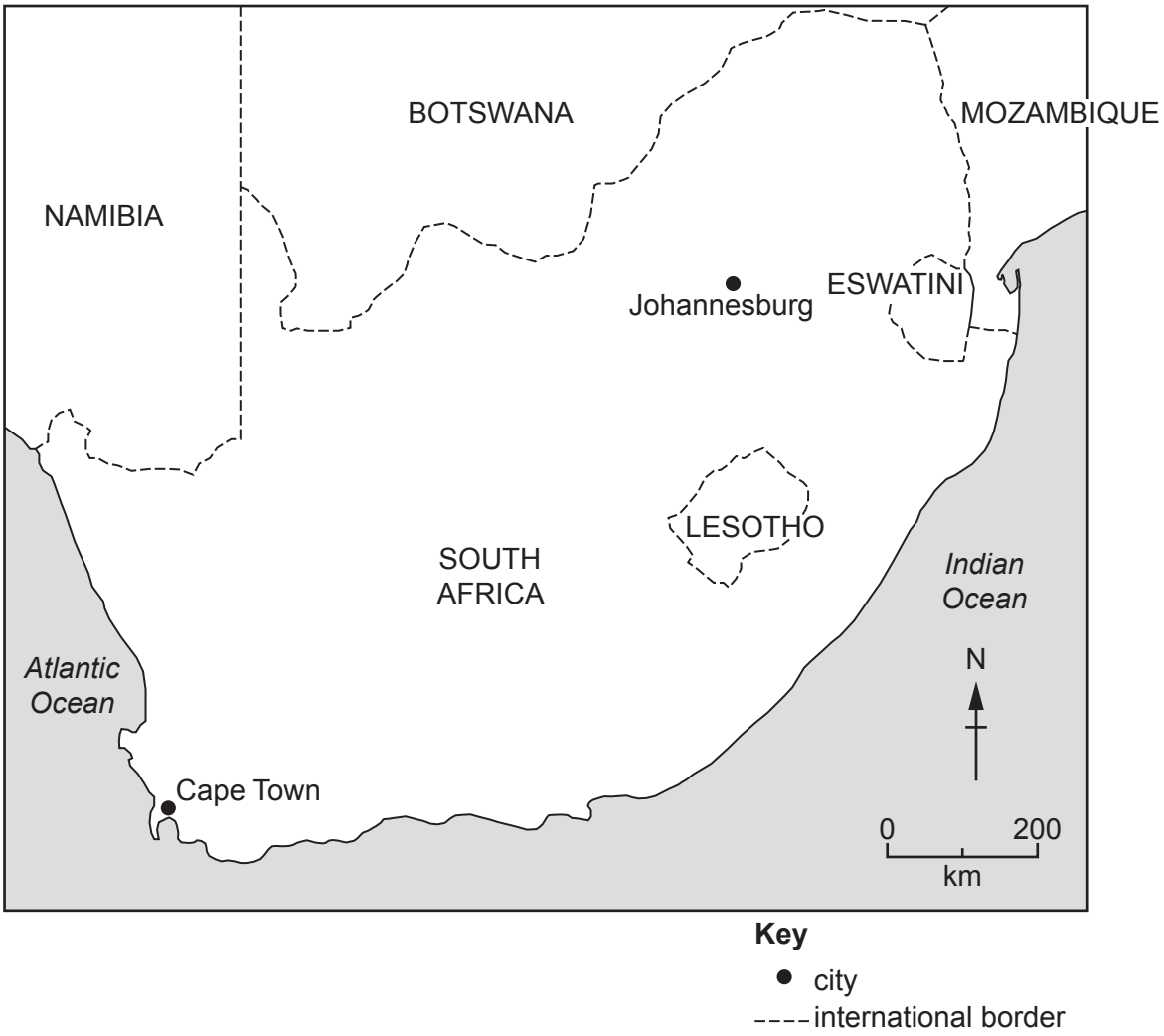


Table 1.2 for Question 1

Daily temperatures at Johannesburg and Cape Town

date in February	Johannesburg		Cape Town	
	maximum temperature °C	minimum temperature °C	maximum temperature °C	minimum temperature °C
1	26.2	14.5	31.6	12.9
2	27.5	14.2	27.5	17.5
3	27.9	16.1	26.8	17.6
4	28.5	17.0	25.2	17.5
5	24.5	15.7	25.1	18.6
6	20.3	11.7	21.0	14.3
7	23.9	10.1	27.7	14.9
8	25.5	10.8	28.5	15.4
9	28.3	16.2	33.8	16.7
10	29.1	15.5	24.1	13.6
11	19.8	17.4	22.2	15.2
12	17.0	15.0	22.7	15.7
13	20.6	15.1	22.9	13.4
14	25.1	15.3	24.0	16.1
15	18.5	14.1	23.2	16.2
16	21.5	14.4	23.8	11.4
17	22.3	12.7	30.3	16.0
18	24.8	12.9	30.9	11.2
19	25.4	13.6	32.5	16.3
20	23.3	12.8	35.2	14.9
21	26.0	13.2	29.3	15.9
22	26.2	12.1	32.8	16.5
23	27.9	15.3	27.4	14.6
24	23.6	13.8	30.9	18.9
25	23.9	14.7	36.2	18.4
26	25.9	15.4	33.3	19.4
27	25.1	15.3	32.0	19.3
28	25.5	15.1	**30.0**	19.6
average for month	24.4	14.3	28.2	16.0

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Table 1.3 for Question 1

Daily rainfall at Johannesburg and Cape Town

date in February	Johannesburg	Cape Town
	rainfall (mm)	
1	**8.5**	0
2	0	0
3	0	0
4	0.2	0
5	0	10.0
6	0	1.1
7	14.0	0
8	0	0
9	0	0
10	0	0
11	0	0.2
12	0	0
13	11.0	0
14	20.5	2.8
15	0.4	0
16	2.0	0
17	9.0	0
18	22.8	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	2.6	0
26	0	0
27	0	0.4
28	2.0	0.4
total for month	93	14.9

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Fig. 2.1 for Question 2

Kuala Lumpur Bird Park



Batu Caves



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Table 2.1 for Question 2

Countries which visitors came from

country	number of visitors
Singapore	36
Indonesia	**14**
China	10
Thailand	**9**
Japan	5
South Korea	4
Philippines	4
India	3
Vietnam	3
Australia	3
UK	3
Brunei	2
New Zealand	2
USA	1
Bangladesh	1

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Table 2.2 for Question 2

Results of students' practice environmental quality survey

student A

category	good ◄			► bad
noise level	4	3	(2)	1
amount of traffic	4	(3)	2	1
amount of litter	(4)	3	2	1
how crowded it is	4	(3)	2	1
level of air pollution	4	3	(2)	1

total score = 14

student B

category	good ◄			► bad
noise level	4	3	2	(1)
amount of traffic	4	3	2	(1)
amount of litter	4	3	(2)	1
how crowded it is	4	3	(2)	1
level of air pollution	4	(3)	2	1

total score = 9

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Table 2.3 for Question 2

Results of actual environmental quality survey

Kuala Lumpur Bird Park

	good ◄			► bad
noise level	4	3	②	1
amount of traffic	④	3	2	1
amount of litter	4	③	2	1
how crowded it is	4	③	2	1
level of air pollution	4	③	2	1

total score = 15

Batu Caves

	good ◄			► bad
noise level	4	3	②	1
amount of traffic	4	3	②	1
amount of litter	4	3	**②**	1
how crowded it is	4	3	2	**①**
level of air pollution	4	**③**	2	1

total score = 10

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Fig. 2.5 for Question 2

Tourist questionnaire

We are doing a tourism survey as part of our Geography fieldwork. Please answer the following questions.

Which of the following human attractions are you visiting in Kuala Lumpur?

- ☐ Central Market
- ☐ Chinatown
- ☐ Menara KL Tower
- ☐ National Museum
- ☐ Petronas Towers
- ☐ Sultan Abdul Samad Building
- ☐ Sunway Lagoon Theme Park

Which of the following ecological attractions are you visiting in Kuala Lumpur?

- ☐ Aquaria
- ☐ Batu Caves
- ☐ KLCC Park
- ☐ Kuala Lumpur Bird Park
- ☐ Kuala Lumpur Botanical Gardens
- ☐ Kuala Lumpur Butterfly Park

Thank you for your time. I hope you enjoy your time in Kuala Lumpur.

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Table 2.4 for Question 2

Questionnaire answers

human attractions	number of visits
Central Market	41
Chinatown	36
Menara KL Tower	66
National Museum	21
Petronas Towers	84
Sultan Abdul Samad Building	35
Sunway Lagoon Theme Park	49
total	332

ecological attractions	number of visits
Aquaria	30
Batu Caves	**60**
KLCC Park	68
Kuala Lumpur Bird Park	35
Kuala Lumpur Botanical Gardens	**37**
Kuala Lumpur Butterfly Park	19
total	249

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