

UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

### GEOGRAPHY

Paper 4 Alternative to Coursework INSERT

0460/42 May/June 2011

1 hour 30 minutes

### READ THESE INSTRUCTIONS FIRST

This Insert contains Figs 1 and 2, Photograph A and Table 1 for Question 1, and Fig. 4 and Table 2 for Question 2.

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

This document consists of **5** printed pages and **3** blank pages.



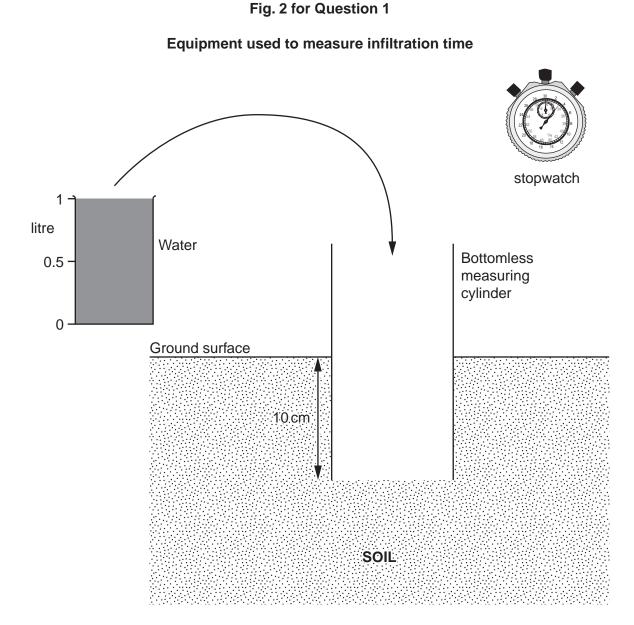
### Fig. 1 for Question 1

### The three investigation areas

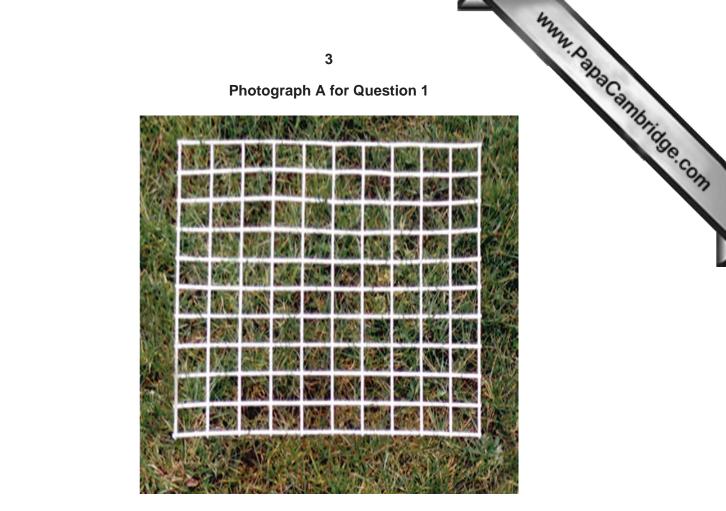
www.papaCambridge.com Area A was near a stream and had a road and a footpath leading to it so it was visited by more people than areas B and C. The area contained picnic tables, a car park and public toilets.

Area B had been deforested for a coffee plantation, but trees were later replanted in some of the area. The rest had been left without trees. A dirt road went through the area.

Area C was an area of natural rainforest which was more inaccessible than areas A and B because there was no path or road leading to it.



2



# Table 1 for Question 1

# **Results of investigation**

Area A	Site 1	Site 2	Site 3	Site 4	Site 5	Average
Infiltration time (seconds)	36	40	58	50	44	45.6
Number of vegetation types	2	1	2	3	3	
Percentage of vegetation cover	36	20	8	38	19	24.2
Percentage of bare ground	64	80	92	62	81	75.8
Area B	Site 1	Site 2	Site 3	Site 4	Site 5	
Infiltration time (seconds)	25	35	21	48	52	
Number of vegetation types	4	2	3	1	1	
Percentage of vegetation cover	65	48	70	28	12	44.6
Percentage of bare ground	35	52	30	72	88	55.4
Area C	Site 1	Site 2	Site 3	Site 4	Site 5	
Infiltration time (seconds)	20	30	25	20	28	24.6
Number of vegetation types	4	3	5	3	3	
Percentage of vegetation cover	72	68	80	57	65	68.4
Percentage of bare ground	28	32	20	43	35	31.6



## Sphere of Influence questionnaire

www.papacambridge.com I am doing a survey as part of my Geography coursework. Please will you answer the following questions?

1. How far have you travelled to get to the shops today?

2. How did you travel to the shops today?

Thank you

# Table 2 for Question 2

**Results of Question 1 in Questionnaire** How far have you travelled to get to the shops today?

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26 27 28 29 30 distance (km)	363/30 = <b>12.1</b>
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28	0
27	~
26	0
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Distance travelled (km)	Number of shoppers

# **becondary Shopping Centre**

Average distance (km)	82/30 = <b>2.7</b>
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28	0
27	0
26	0 0 0
25	0
24	0
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22	
21	0
20	0
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4	2
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2	8 10 6 2
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0.5 1	0
Distance travelled (km)	Number of shoppers

# leighbourhood (Suburban) Shopping Centre

Distance travelled 0.5 1 (km)	7	с	4		9			0	0	7	5	3 12		16	17	18	19	20	2	2			26	27		29 30 distance (km)
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