



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
General Certificate of Education Ordinary Level

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**GEOGRAPHY**

**2217/22**

Paper 2

**May/June 2011**

INSERT

**2 hours 15 minutes**

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**READ THESE INSTRUCTIONS FIRST**

This Insert contains Figs 10 and 11, Photograph A and Table 2 for Question 7, and Fig. 13 and Table 3 for Question 8.

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

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



Fig. 10 for Question 7

## The three investigation areas

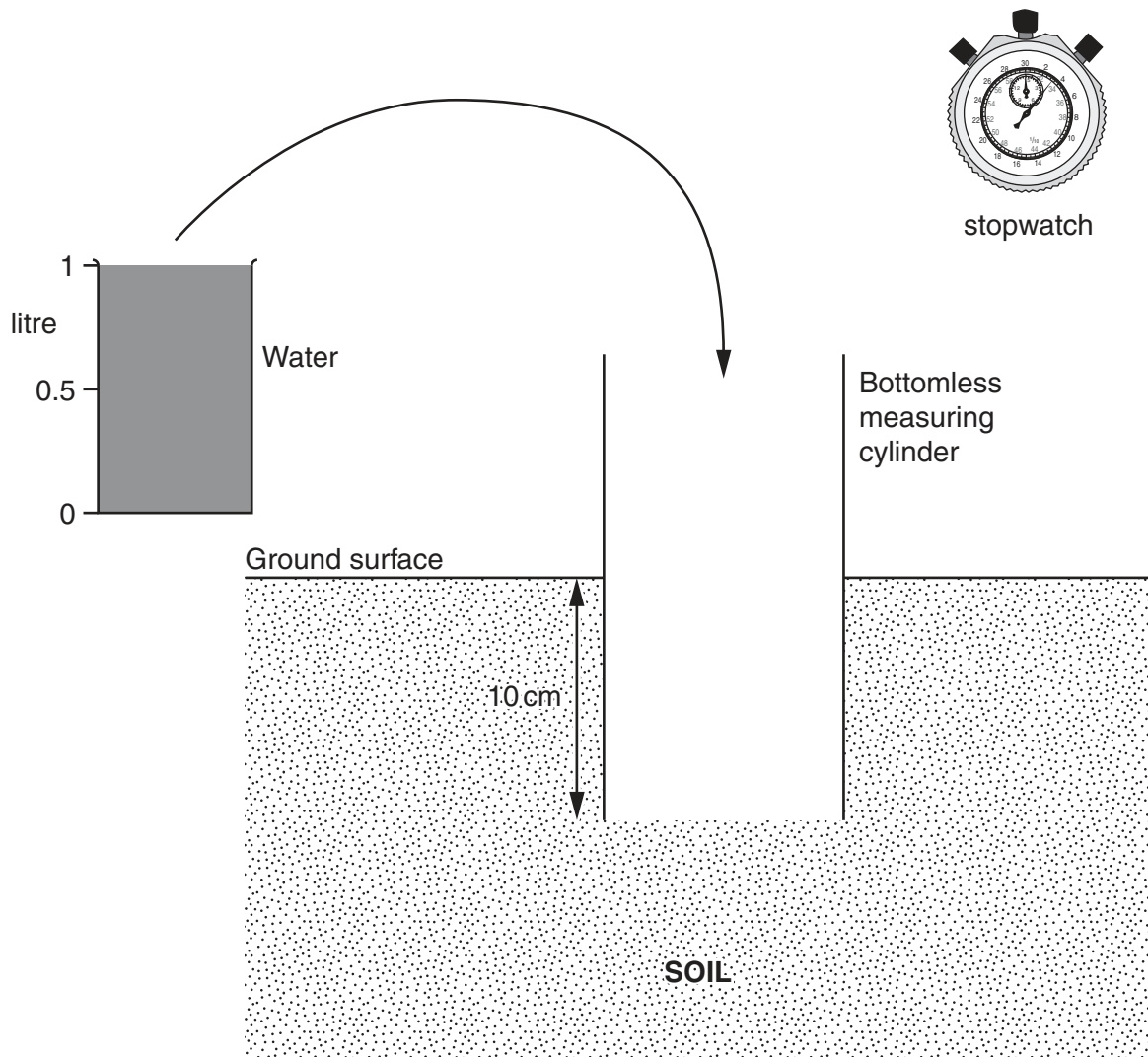
**Area A** was near a stream and had a road and a footpath leading to it so it was visited by more people than areas B and C. The area contained picnic tables, a car park and public toilets.

**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.

Fig. 11 for Question 7

## Equipment used to measure infiltration time



## Photograph A for Question 7

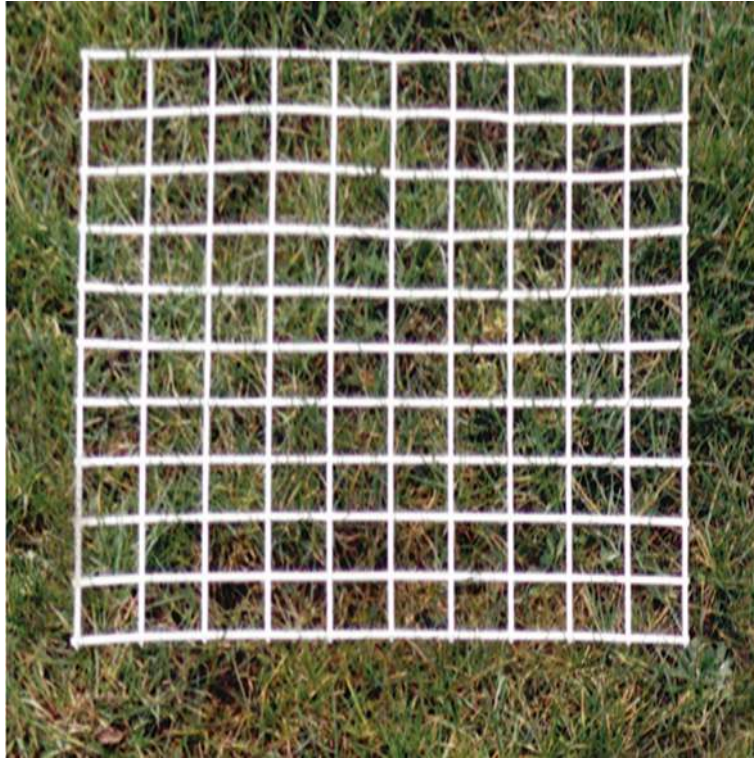


Table 2 for Question 7

## Results of investigation

<b>Area A</b>	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
<b>Area B</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
<b>Area C</b>	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

## Fig. 13 for Question 8

## Sphere of Influence questionnaire

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 3 for Question 8

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

**CBD**

Distance travelled (km)	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Average distance (km)
Number of shoppers	0	2	1	1	2	1	3	1	4	1	0	1	1	0	1	2	1	1	0	1	0	2	0	0	0	0	0	1	0	1	2	$363/30 = 12.1$

**Secondary Shopping Centre**

Distance travelled (km)	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Average distance (km)
Number of shoppers	0	8	10	6	2	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$82/30 = 2.7$

**Neighbourhood (Suburban) Shopping Centre**

Distance travelled (km)	0.5	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Average distance (km)
Number of shoppers	4	17	4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	





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