



Cambridge International Examinations
Cambridge International General Certificate of Secondary Education

GEOGRAPHY

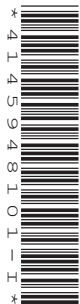
0460/43

Paper 4 Alternative to Coursework

October/November 2014

INSERT

1 hour 30 minutes



READ THESE INSTRUCTIONS FIRST

This Insert contains Figs 1 and 3, Photograph A and Tables 1 and 2 for Question 1, and Fig. 5 for Question 2.

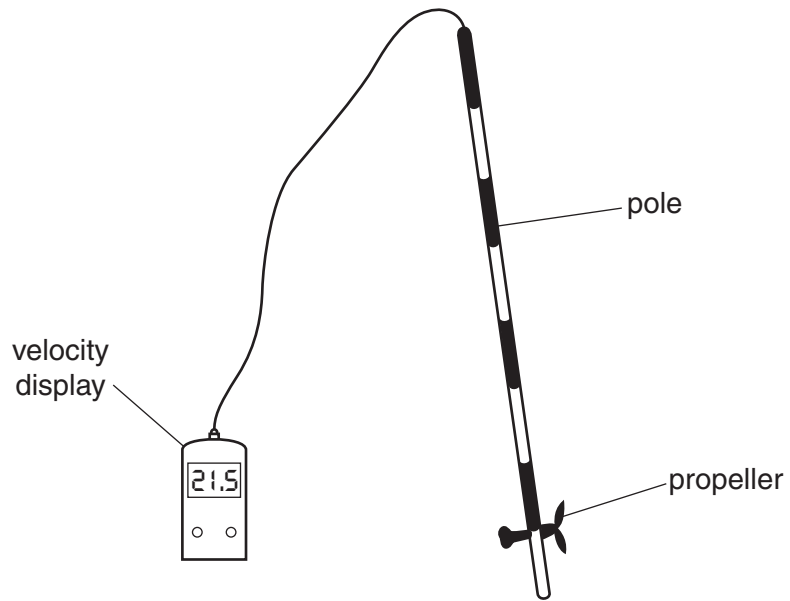
The Insert is **not** required by the Examiner.

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 **4** printed pages.

Fig. 1 for Question 1

Diagram of velocity meter (flow meter)



Photograph A for Question 1



Table 1 for Question 1

Results of velocity measurements for method 2 (using velocity meter)

Group A

Speed of flow (m per sec)				
Site	Right side of channel	Centre of channel	Left side of channel	Average
1	0.5	0.8	0.6	0.6
2	0.8	1.2	0.9	0.9
3	1.1	1.3	1.0	1.1
4	1.5	1.9	1.4	1.6

Group B

Speed of flow (m per sec)				
Site	Right side of channel	Centre of channel	Left side of channel	Average
1	0.6	0.9	0.7	0.7
2	0.6	1.0	0.8	0.8
3	1.1	1.4	1.1	1.2
4	1.6	2.0	1.5	1.7

Site 1 is furthest upstream and site 4 is furthest downstream

Fig. 3 for Question 1

Ruler



Roundness score chart

Shape						
Score	1	2	3	4	5	6
Description	very angular	angular	a little angular	a little rounded	rounded	very rounded

Table 2 for Question 1

Bedload measurements

Group A

Site	Average length of long axis (cm)	Average roundness score
1	5.0	4.5
2	7.4	4.6
3	9.7	3.6
4	9.3	4.3

Group B

Site	Average length of long axis (cm)	Average roundness score
1	7.2	3.4
2	10.8	3.7
3	15.4	3.9
4	9.8	3.0

Site 1 is furthest upstream and site 4 is furthest downstream

Fig. 5 for Question 2

Resident questionnaire

I am doing this questionnaire as part of my *Geography* coursework. Please will you answer the following questions?

1. How many years have you lived in the village?

.....

2. Where did you live before moving to the village?

.....

3. What is the main reason you live in the village?

.....

Thank you

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

Cambridge International Examinations is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.