

# UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS International General Certificate of Secondary Education

GEOGRAPHY 0460/04

Paper 4 Alternative to Coursework

May/June 2009

**INSERT** 

1 hour 30 minutes

#### **READ THESE INSTRUCTIONS FIRST**

This Insert contains Table 1 and Fig. 2 for Question 1 and Fig. 4, Table 2 and Fig. 8 for Question 2.

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



#### **Table 1 for Question 1**

#### **Traffic survey results**

		number of vehicles counted in 10 minute period						total number of	
survey site	time	08:00		12:30		17:00		vehicles	
	location	into centre of town	out of centre of town	into centre of town	out of centre of town	into centre of town	out of centre of town	into centre of town	out of centre of town
1	Independence way	40	20	28	26	15	50	83	96
2	Parkway	50	18	40	41	38	60	128	119
3	Kingsway Road	105	97	82	78	60	112	247	287
4	Station Road	76	50	44	35	40	90	160	175

Fig. 2 for Question 1

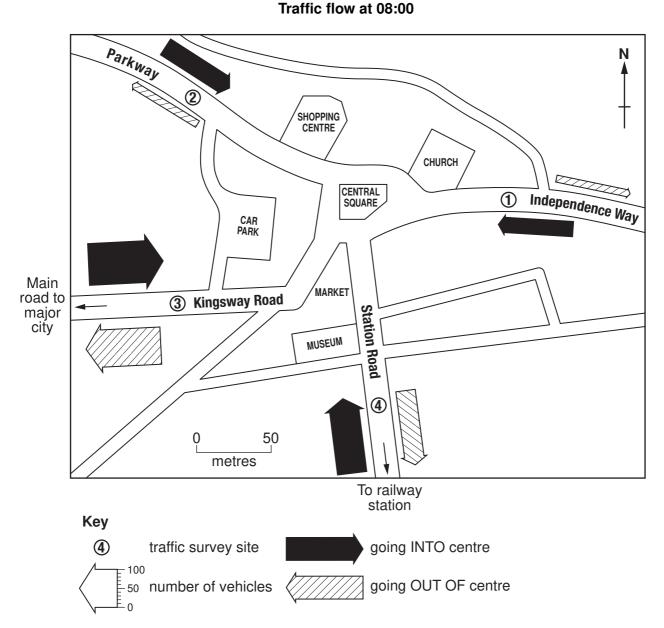
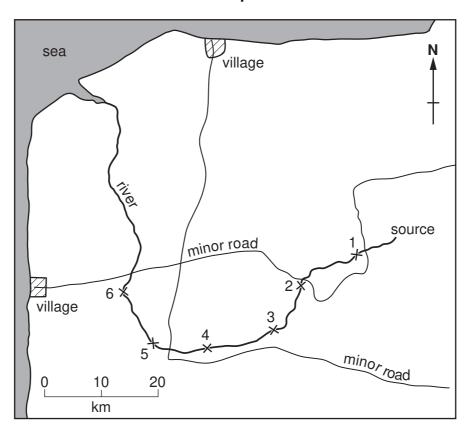


Fig. 4 for Question 2

## Sketch map of river



## Key

×1 river sampling sites

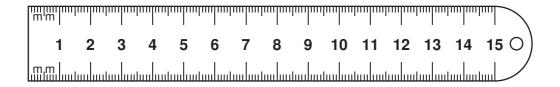
**Table 2 for Question 2** 

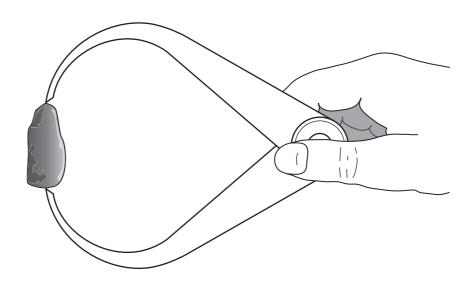
## Results at sampling sites

		Hypothesis 1	Hypothesis 2			
sampling site	distance from source (km)	velocity (metres per second)	average length of long axis (cm)	average score of roundness		
1	4	0.50	19	2		
2	13	0.60	15	2		
3	24	0.52	14	4		
4	33	0.68	10	3		
5	43	0.70	11	5		
6	53	0.75	6	5		

Fig. 8 for Question 2

## **Equipment used to test Hypothesis 2**





#### Roundness index chart

Shape	Chin's	( Carry			(,,	
Score	0	1	2	3	4	5
Description	very angular	angular	a little angular	a little rounded	rounded	very rounded