



**Cambridge International Examinations**  
Cambridge International General Certificate of Secondary Education

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**GEOGRAPHY**

**0460/42**

Paper 4 Alternative to Coursework

**October/November 2016**

INSERT

**1 hour 30 minutes**

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**READ THESE INSTRUCTIONS FIRST**

This Insert contains Figs. 1 and 5 and Table 2 for Question 1, Figs. 6 and 10 and Tables 4 and 6 for Question 2.

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



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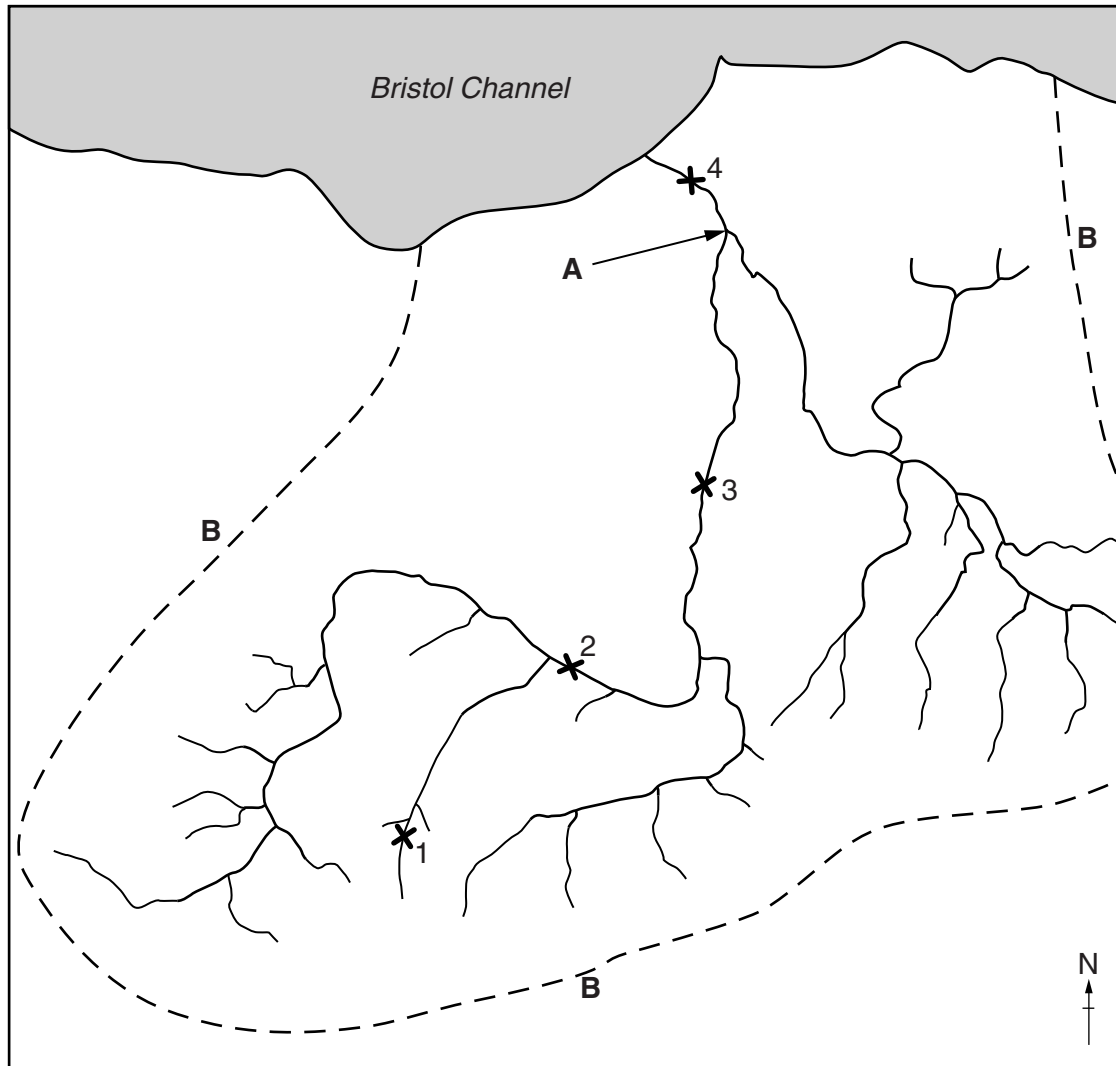
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This document consists of **8** printed pages.

Fig. 1 for Question 1

## River drainage basin



## Key

 sea

 1 – 4 fieldwork sites

0 1  
km

Table 2 for Question 1

Site	Discharge (cumecs)
1	0.13
2	0.37
3	<b>0.90</b>
4	2.34

Fig. 5 for Question 1

## Visual pollution recording form

Site 3					
Evidence	0 points	1 point	2 points	3 points	4 points
Suspended solids	Very clear	Clear	Fairly clear ✓	Slightly dirty	Dirty
Colour	Very clear	Clear ✓	Slightly brown	Dark brown	Black
Stones	Clean and bare	Clean	Lightly covered in brown deposits ✓	Coated with brown deposits	Covered in brown and grey deposits
Water weed	None	A little in shallow water	Lots in shallow water ✓	Lots throughout the river	River is full of weed
Grey sewage fungus	None ✓	Very little	Little	Present in patches	Plenty
Scum / froth / oil	None	A few bubbles ✓	Noticeable islands of foam	Large quantities	Covers whole river
Dumped rubbish	None	A few small items	A few large items ✓	Large and small items	Many different large items

Overall score

0–3            very clean

4–9            clean

10–15        fairly clean

16–21        slightly polluted

More than 21    badly polluted

Fig. 6 for Question 2

## Completed tally sheet for the suburban shopping centre

Type of shop or service	Tally	Number
Accessories for clothes	/	1
Antiques		0
Art shop		0
Bar/café	HHH	5
Beauty & health	//	2
Bookshop		0
Bread & cakes	/	1
Butcher	/	1
Camera shop		0
Car/bike parts		0
Cell phones	/	1
Chemist		0
Clothes	HHH/	6
Computer games		0
Confectionery & sweets		0
Department store		0
Dry cleaner/laundrette	//	2
Electrical goods	/	1
Fast food	//	2
Fishmonger	/	1
Florist	/	1
Furniture		0
Grocer (1 check-out)	//	2
Gift/souvenir		0
Hairdresser	//	2
Hardware	/	1
Household goods	//	2
Hypermarket (10 or more check-outs)		0
Jeweller		0
Leather goods		0
Music shop		0

Newspaper shop	//	2
Optician	/	1
Pet shop		0
Restaurant		0
Shoe repair	/	1
Shoes		0
Sports goods		0
Stationery		0
Supermarket (2 to 9 check-outs)	/	1
Tobacconist		0
Toys		0
Travel agent		0
Wine and beer	/	1
Total		37

Table 4 for Question 2

## Number of shops in CBD and out-of-town mall

Type of shop or service	CBD	Out-of-town mall
Accessories for clothes	5	5
Antiques	3	0
Art shop	4	1
Bar/café	37	19
Beauty & health	10	8
Bookshop	2	3
Bread & cakes	4	2
Butcher	1	0
Camera shop	1	1
Car/bike parts	1	0
Cell phones	5	3
Chemist	4	2
Clothes	72	60
Computer games	5	3
Confectionery & sweets	3	1
Department store	3	2
Dry cleaner/laundrette	1	1
Electrical goods	2	4
Fast food	6	7
Fishmonger	1	0
Florist	2	2
Furniture	4	2
Grocer (1 check-out)	3	0
Gift/souvenir	2	3
Hairdresser	13	8
Hardware	2	1
Household goods	7	3
Hypermarket (10 or more check-outs)	1	1
Jeweller	16	11
Leather goods	4	2
Music shop	1	2

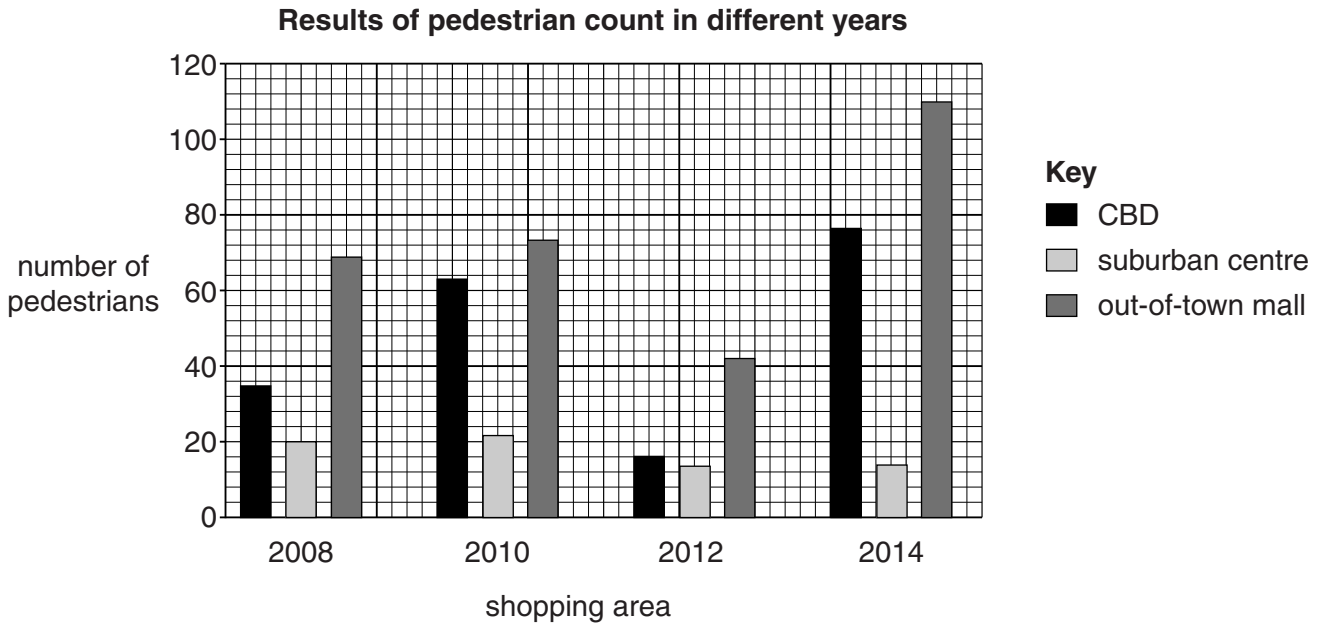
Newspaper shop	3	2
Optician	8	5
Pet shop	1	1
Restaurant	17	23
Shoe repair	2	1
Shoes	7	10
Sports goods	1	3
Stationery	2	1
Supermarket (2 to 9 check-outs)	4	2
Tobacconist	2	1
Toys	6	3
Travel agent	1	1
Wine and beer	1	0
Total	280	210

**Table 6 for Question 2**

**Results of student's classification**

Group	Percentage of shops in each group		
	CBD	Suburban centre	Out-of-town mall
A	21	8	20
B	14	25	11
C	5	16	4
D	<b>28</b>	16	33
E	<b>32</b>	35	32

Fig. 10 for Question 2



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