

SECTION A

You MUST answer this question.

1. Your task is to complete a series of exercises in order to:

Assess the extent to which selected local areas in Cardiff are different from each other.

You will gather evidence from:

- the OS 1:50,000 map
- local photographs and OS 1:10,000 maps
- housing data
- an Environmental Quality Survey (EQS).

(a) (i) Using the 1:50,000 map extract, identify the land use of X, Y and Z shown on the transect diagram (Item 1 in the Resource Booklet).

Section of transect	Land use
X	
Y	
Z	

(3)

(ii) What problems may have been encountered in using the 1:50,000 map to identify the land uses shown along this transect?

.....

.....

.....

.....

.....

.....

.....

.....

(5)



Leave
blank

- (b) (i) Refer to the OS 1:50,000 map of Cardiff and Item 2 ((a) and (b)) in the Resource Booklet.

Complete the table below to show which description in Item 2(b) best identifies each of six local areas in Cardiff.

Local areas in Cardiff

Location of local areas on OS map	Description letter
Butetown	
Cathays	
Cyncoed	
Fairwater	C
Grangetown	
Tongwynlais	

(4)



Leave
blank

- (ii) Look carefully at the photographs and OS 1:10,000 map extracts in Items 3 and 4 in the Resource Booklet.

Using evidence **only** from the photographs and maps, describe the characteristics of the local areas of Pontcanna and Llanishen (Items 3 and 4).

Pontcanna

.....

.....

.....

.....

.....

.....

.....

.....

.....

Llanishen

.....

.....

.....

.....

.....

.....

.....

.....

.....

(6)



Leave
blank

(c) (i) Using Item 5 (composite bar graphs), calculate the percentage of:

1. semi-detached houses for Fairwater

.....

2. terraced houses for Grangetown.

.....

(2)

(ii) Using the 1:50,000 map and local area descriptions (Item 2(b)), suggest reasons for the distribution of flats in Cardiff shown in Item 5.

.....

.....

.....

.....

.....

.....

.....

.....

(4)



Leave blank

(d) The environmental quality of the eight local areas has been assessed using an Environmental Quality Index. The results are shown in Item 6.

(i) Using Item 6, complete the table below by calculating the median and interquartile range for Cyncoed and Cathays.

	Median	Interquartile range
Cathays		
Cyncoed		

(4)

(ii) Using evidence from the 1:50,000 map and the local area descriptions (Item 2(b)), suggest reasons for the results shown in (d)(i).

.....

.....

.....

.....

.....

.....

.....

(4)



SECTION B

You must answer this question based on a PHYSICAL GEOGRAPHY topic.

You are reminded that your answers in Section B should include evidence from your own personal fieldwork investigation. Where appropriate you will be credited for specific reference to your fieldwork location(s), the techniques you used and the results you obtained.

2. (a) (i) State ONE aim of your physical fieldwork.

.....
.....
.....
.....

(1)

For ONE type of data you collected:

(ii) Describe the method of sampling you used

.....
.....
.....
.....

(2)

(iii) Justify your choice of sampling method.

.....
.....
.....
.....

(2)

(iv) Suggest how your data collection could have been improved.

.....
.....
.....
.....

(2)



(b) Draw an annotated sketch map to help explain the factors that influenced your results at a particular site or sites.

Leave
blank

(6)



Leave blank

(c) Name a method of data presentation or a statistical test you used, and explain how it helped in the analysis of your data.

Named method

.....
.....
.....
.....
.....
.....

(3)

(d) Describe the conclusions of your fieldwork investigation.

.....
.....
.....
.....
.....
.....
.....
.....
.....

(4)

Q2

(Total 20 marks)

TOTAL FOR SECTION B: 20 MARKS

TOTAL FOR PAPER: 60 MARKS

END



BLANK PAGE



BLANK PAGE

