

Candidate Name	Centre Number	Candidate Number

General Certificate of Secondary Education

Welsh Joint Education Committee and OCR
(former Midland Examining Group) syllabus

GEOGRAPHY SYLLABUS B (Avery Hill)

1987/4

PAPER 4: HIGHER TIER

SPECIMEN PAPER FOR JUNE 2003

1 hour 30 minutes

Additional materials:

Resource Sheet A (1987/3/4/RS/A)

Resource Sheet B (1987/3/4/RS/B)

TIME 1 hour 30 minutes

INSTRUCTIONS TO CANDIDATES

Write your name, Centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Write your answers in the spaces provided on this question paper. If there is not sufficient space, continue on the lined pages at the end of the question paper. Any answers on the lined pages must be clearly numbered.

INFORMATION FOR CANDIDATES

You are strongly advised to read through each section carefully before answering.

The number of marks is given in brackets [] at the end of each question or part question.

You are reminded of the need for good English and clear presentation in answers. In the final part of this paper you will be expected to write in continuous sentences.

Marking for this part will take account of the quality of your written work.

FOR EXAMINER'S USE	
PART A	
PART B	
PART C	
TOTAL	

This question paper consists of 13 printed pages and 3 lined pages.

Urban areas in different parts of the world face challenges in planning for the people that live there. In this exercise you must plan the redevelopment of an inner city area of Sydney, a city in an **MEDC** (More Economically Developed Country).

	Marks
Part A Patterns and processes in different cities	16
Part B Pyrmont, an inner city area of Sydney	24
Part C Plans for Pyrmont	20
Total	60

PART A: Patterns and processes in different cities

Spend about 20 minutes on this part.

(a) **Map 1** on Resource Sheet A shows rates of urbanisation in ten different cities.

(i) Which city on Map 1:

had the biggest population in 1990? _____

will have the biggest population in 2015? _____

will grow most by the largest number of people by 2015? _____

will grow by the smallest number of people by 2015? _____ [4]

(ii) Give one reason for the rapid growth of cities in **LEDCEs** (Less Economically Developed Countries).

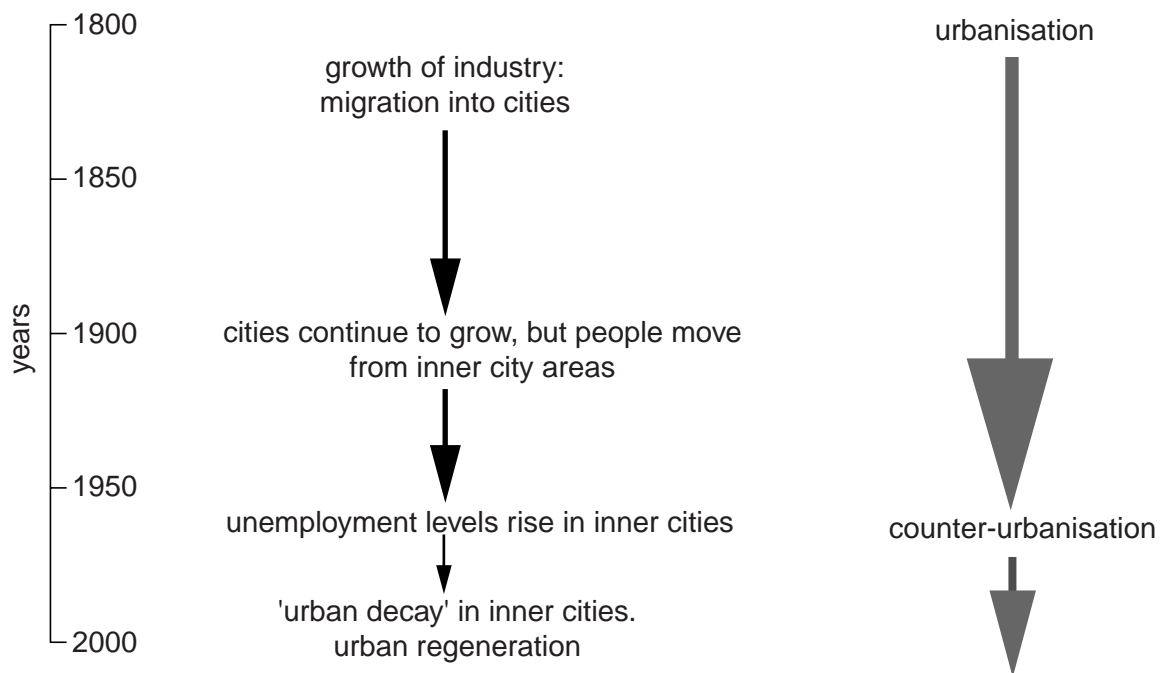
_____ [1]

(iii) Give two problems caused by rapid urbanisation.

1 _____

 2 _____
 _____ [2]

(b) Study the diagram below. It shows the growth and decline of cities in **MEDCs** (More Economically Developed Countries).



(i) What is the difference between 'urbanisation' and 'counter-urbanisation'?

 _____ [1]

(ii) **Explain** one reason for the rise in unemployment levels in inner cities after 1960.

 _____ [2]

- (iii) **Explain** one reason (other than unemployment) why so many people have moved out of inner city areas.

[2]

- (iv) Describe and explain two problems caused by people moving out of inner city areas.

[4]

Total mark 16

End of Part A

PART B: Pyrmont, an inner city area of Sydney**Spend about 35 minutes on this section**

In 1900, Pyrmont was a main port for Sydney, with warehouses and factories. It was an inner city area with high population density. Since 1900 many people have moved out of Pyrmont and unemployment has increased. The government is now developing Sydney's inner city to attract new people and businesses.

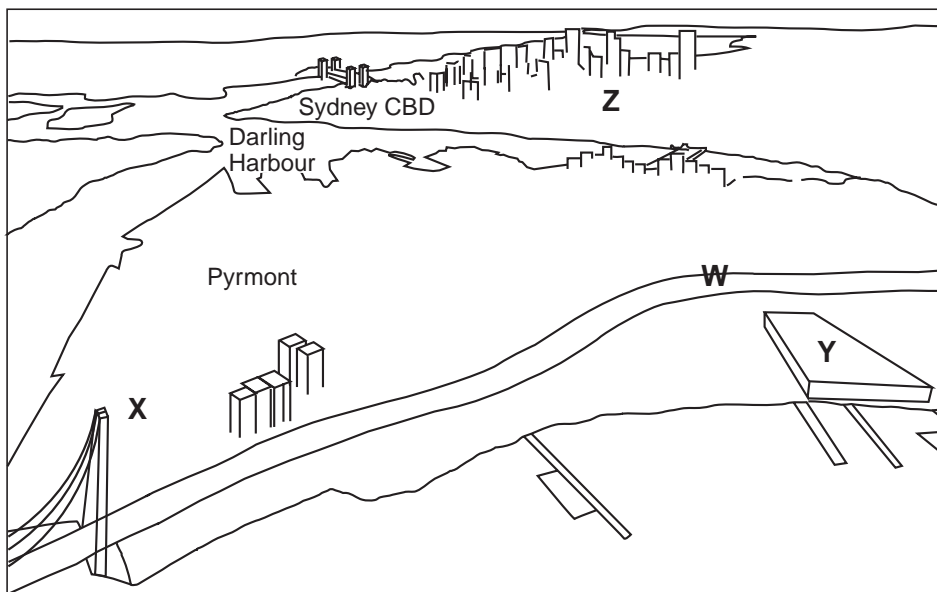
- (a) Study Map 2 on Resource Sheet A.
Describe the location of Sydney.

_____ [1]

- (b) Study Photograph 1 on Resource Sheet B and Map 2 on Resource Sheet A.

(i) From which point on Map 2 (A, B, C or D) was the photograph taken? _____ [1]

(ii) Identify the land use at each of the following locations.



W _____

X _____

Y _____

Z _____ [2]

- (iii) Explain why buildings in Sydney's CBD are tall.

_____ [1]

- (c) The table below shows population numbers in Pymont between 1990 and 2010 (projected).

age year	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70+	total
1990	250	255	900	699	361	254	201	102	3022
2000	500	500	2400	1800	1100	800	600	300	8000
2010	750	750	4400	2800	2200	2400	1800	900	16000

- (i) **Describe** the trend in total population of Pymont between 1990 and 2010.

[1]

- (ii) Compare the change in population **under 20** with the change in population **aged 60 and over**, between 1990 and 2010.

[1]

- (d) Some new luxury flats have been developed in Pymont for new residents, at letter F on the photograph. Graphs 1-4 on Resource Sheet A show how the **new residents** compare with the **local people** who already live in Pymont.

- (i) The data for the graphs on Resource Sheet A was taken from the internet.

Give **one** advantage and **one** disadvantage of using the internet for gaining data.

Advantage _____

Disadvantage _____

[2]

- (ii) Compare the **new residents** with the local people **already living in Pymont**, under the following headings:

population structure _____

place of origin _____

place of work _____

socio-economic groups _____

 _____ [4]

- (iii) Use evidence from Graphs 1-4 to **describe** and **explain** one benefit that these new residents might bring to Pyrmont.

 _____ [2]

- (iv) Use evidence from Graphs 1-4 to **describe** and **explain** one problem that these new residents might create for Pyrmont.

 _____ [2]

- (v) People have moved to Pyrmont from other countries. Suggest two reasons why many people have moved into inner city areas from abroad.

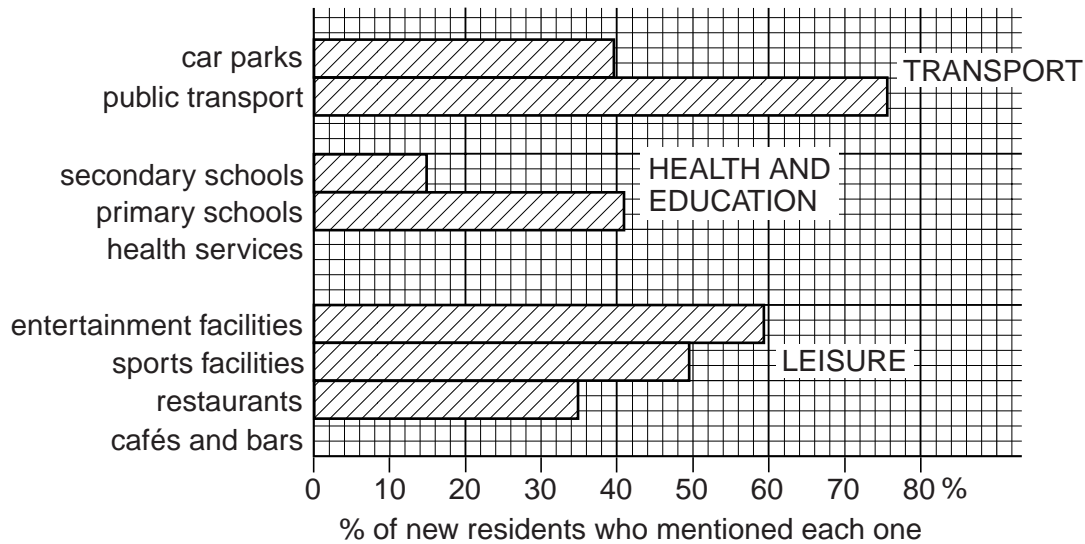
1 _____

 2 _____
 _____ [2]

(e) One hundred **new residents** were asked:

"What new services does Pymont need?"

Below is a graph to show the most common replies.



(i) Use these figures to complete the graph.

health services	45%
cafes and bars	28%

[1]

(ii) Which service on the graph was most needed? _____

Suggest why so many new residents said this.

_____ [1]

-
-
-
-
-
-
-
-
-
-
-
-
- [3]

—[3]

End of Part B

PART C: Plans for Pyrmont**Spend about 35 minutes on this section**

The Pyrmont inner city area is in need of redevelopment, to meet the needs of Sydney and its growing population. Use the information provided, as well as your own ideas, to plan new developments for Pyrmont. You must **justify** your plans.

- (a) Map 3 on Resource Sheet B shows Pyrmont in more detail. The development sites are shown.

Describe the distribution of development sites.

_____ [1]

- (b) People have different priorities for the area. Read what these people say:

"I want to build big new retail, leisure, sporting and entertainment developments that will bring many visitors to the area. Pyrmont is very near to the CBD, and has space for well designed developments that will attract many more tourists to Sydney".

property developer

"We want to raise living standards for local residents. We want to create a social mix, so that the area is not just designed for rich people who can afford a luxury flat on the harbour front".

council officer

"We want to attract new young people to live and work in Pyrmont. We need people who will bring ideas and money, and help to create jobs".

local business person

"Cheaper rented housing, improved services, better public transport and plenty of open space, would make Pyrmont a better place to live".

Pyrmont Residents' Association

- (i) Which person is most **keen** to attract new residents? _____ [1]

- (ii) How do the 'Pyrmont Residents' Association' and the 'property developer' disagree about services?

_____ [1]

- (c) (i) One development site is the disused sugar refinery, shown on Map 3. It is a large site of 12 hectares.

Use Photograph 1 on Resource Sheet B to **describe** the density of buildings.

[1]

- (ii) How accessible is the site? Explain your answer.

[2]

- (d) The proposed plans for the site are shown on Map 4 on Resource Sheet B.

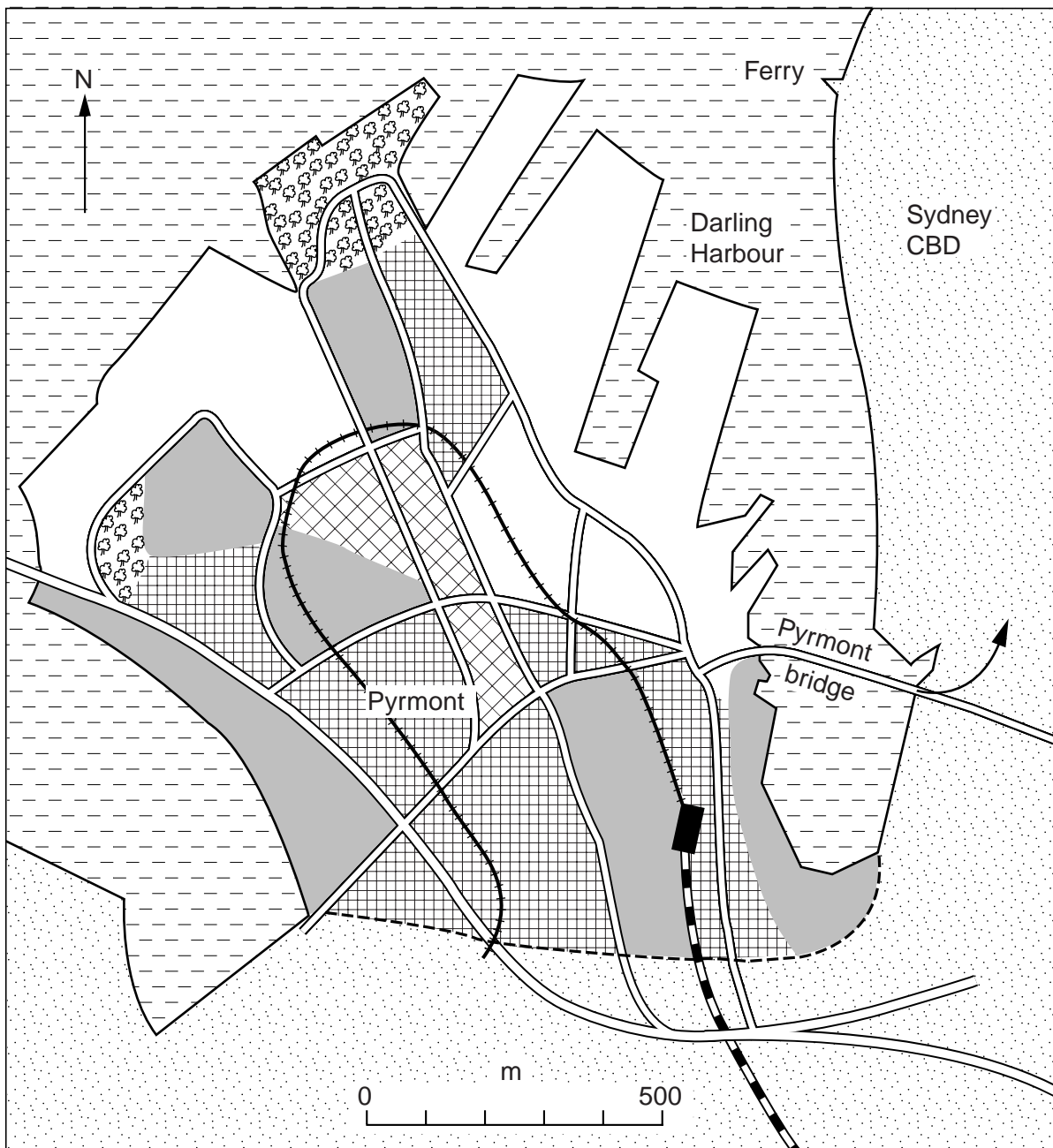
- (i) Explain how this development might benefit people living in Pymont.

[2]







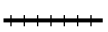


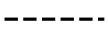

- (ii) Explain one reason why people living near the site might oppose the scheme.

[2]

- (e) How do you think all the **development sites** in Pyrmont should be developed? Use the information provided, as well as your own ideas, to present your plans on the map below. Then write a letter to The Sydney Herald newspaper to **explain** and **justify** your plans.



Key

	road		park/open space		water/harbour
	railway and station		housing		land outside Pyrmont
	disused railway		shops		development site
	boundary of Pyrmont		offices/factories		

27th May 1999

[illegible]

$_{-}[10]$

End of Part C

[illegible]

[illegible]

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.