

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)**

**1987/3**

PAPER 3: FOUNDATION 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	

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**This question paper consists of 17 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 for the redevelopment of an inner city area of Sydney, a city in an **MEDC** (More Economically Developed Country).

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

### PART A: Patterns and processes in different cities

Spend about 25 minutes on this section.

(a) Study Map 1 on Resource Sheet A.

(i) Name one city in an **LEDC** (Less Economically Developed Country).

\_\_\_\_\_ [1]

(ii) Use the information on Map 1 to complete the table below.

	1990	2015 (projected)	Population Growth
<b>Sao Paulo</b>		21 million	6 million
<b>Sydney</b>	3.5 million		

[2]

(iii) Which city on Map 1:

• had the **largest** population in **1990**? \_\_\_\_\_ [1]

• will have the **largest** population growth between **1990** and **2015**?

\_\_\_\_\_ [1]

• will have the **smallest** population growth between **1990** and **2015**?

\_\_\_\_\_ [1]

- (iv) One **reason** why cities in **LEDCEs** are growing quickly is **migration** from the countryside.

The table below shows some **reasons** why people move to cities in **LEDCEs**.

**Complete** the table by adding four more **reasons**.

<b>COUNTRYSIDE</b> (push factors)	<b>migration</b> →	<b>CITIES</b> (pull factors)
1 Poor harvests		1 Better choice of jobs
2 _____		2 _____
3 _____		3 _____

[2]

- (v) **Name** and **explain** two **problems** caused by the rapid growth of cities in **LEDCEs**.

Problem 1 \_\_\_\_\_

Why is this a problem? \_\_\_\_\_

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Problem 2 \_\_\_\_\_

Why is this a problem? \_\_\_\_\_

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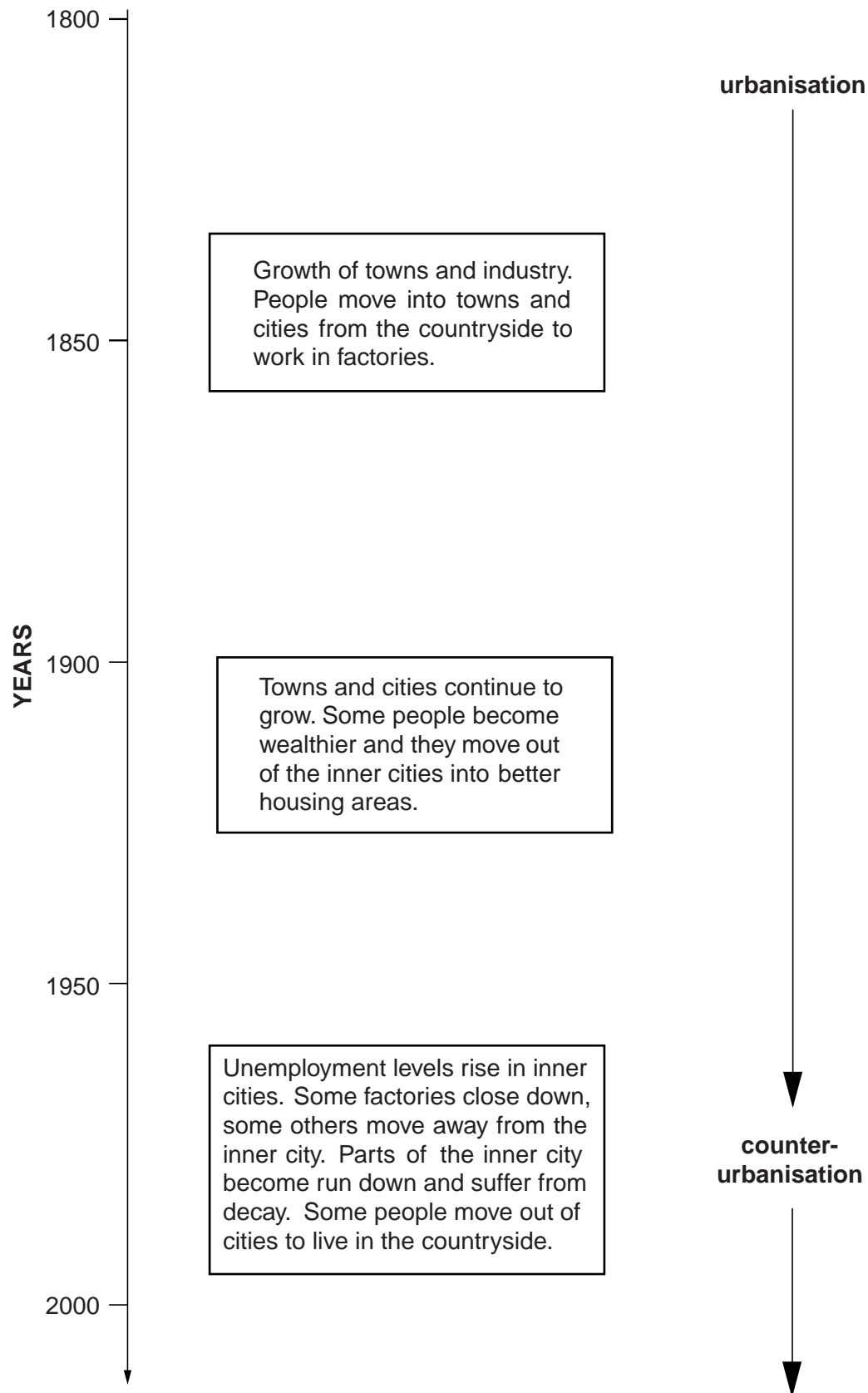
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[4]

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



- (i) **Complete** the paragraph below **using** information from the diagram.

After 1800 people moved into cities to get jobs in \_\_\_\_\_ .  
Cities continued to grow after 1900, but people began to move out of the  
\_\_\_\_\_ . After 1960 some factories  
closed down and levels of \_\_\_\_\_ rose. Some people moved out  
of cities to live in the countryside. This is called \_\_\_\_\_  
\_\_\_\_\_ . [2]

- (ii) **Give** one reason to **explain** why people have moved out of inner city areas.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [2]

- (iii) **Describe** two **problems** caused by people moving out of inner city areas.

Problem 1 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Problem 2 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [4]

**Total mark 20**

**End of Part A**

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**PART B: Pyrmont, an inner city area of Sydney**

**Spend about 35 minutes on this section**

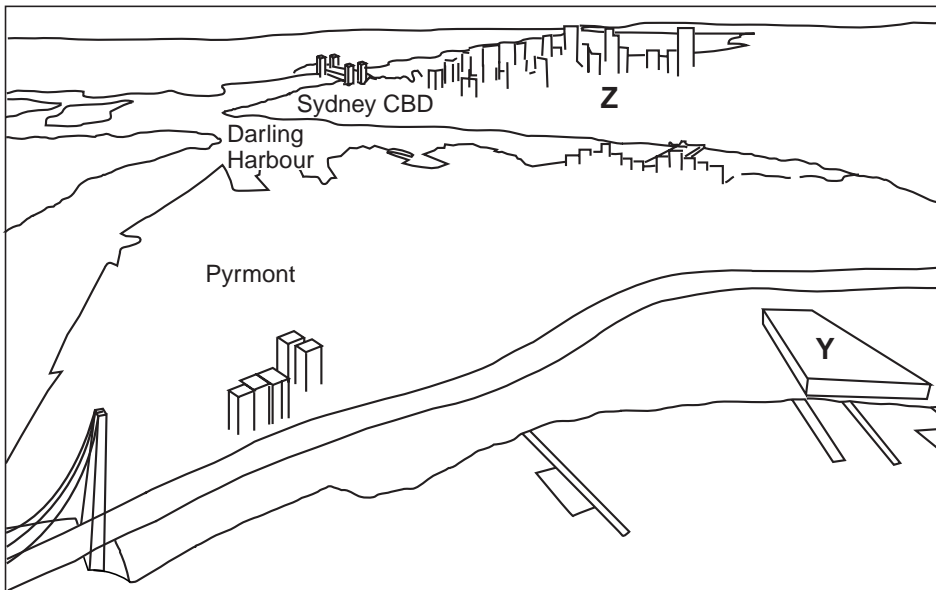
- In 1900, Pyrmont was a main port for Sydney. It was densely populated.
- It was covered by docks, houses, factories and warehouses.
- Since 1900 factories and docks have closed down. Unemployment has increased. Many people have moved out of Pyrmont.
- The government is now developing Sydney's inner city areas to attract new businesses and people.

**(a) Study** Map 2 on Resource Sheet A. Complete the sentences below.

Sydney is located on the east coast of \_\_\_\_\_ in the State of \_\_\_\_\_ . Pyrmont is an inner city area of Sydney situated to the \_\_\_\_\_ of the CBD (Central Business District). Pyrmont Bridge takes traffic to the CBD across the \_\_\_\_\_ Harbour. [2]

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

- (i) Use the photograph to identify the land use at locations Y and Z shown on the sketch below.



Y \_\_\_\_\_

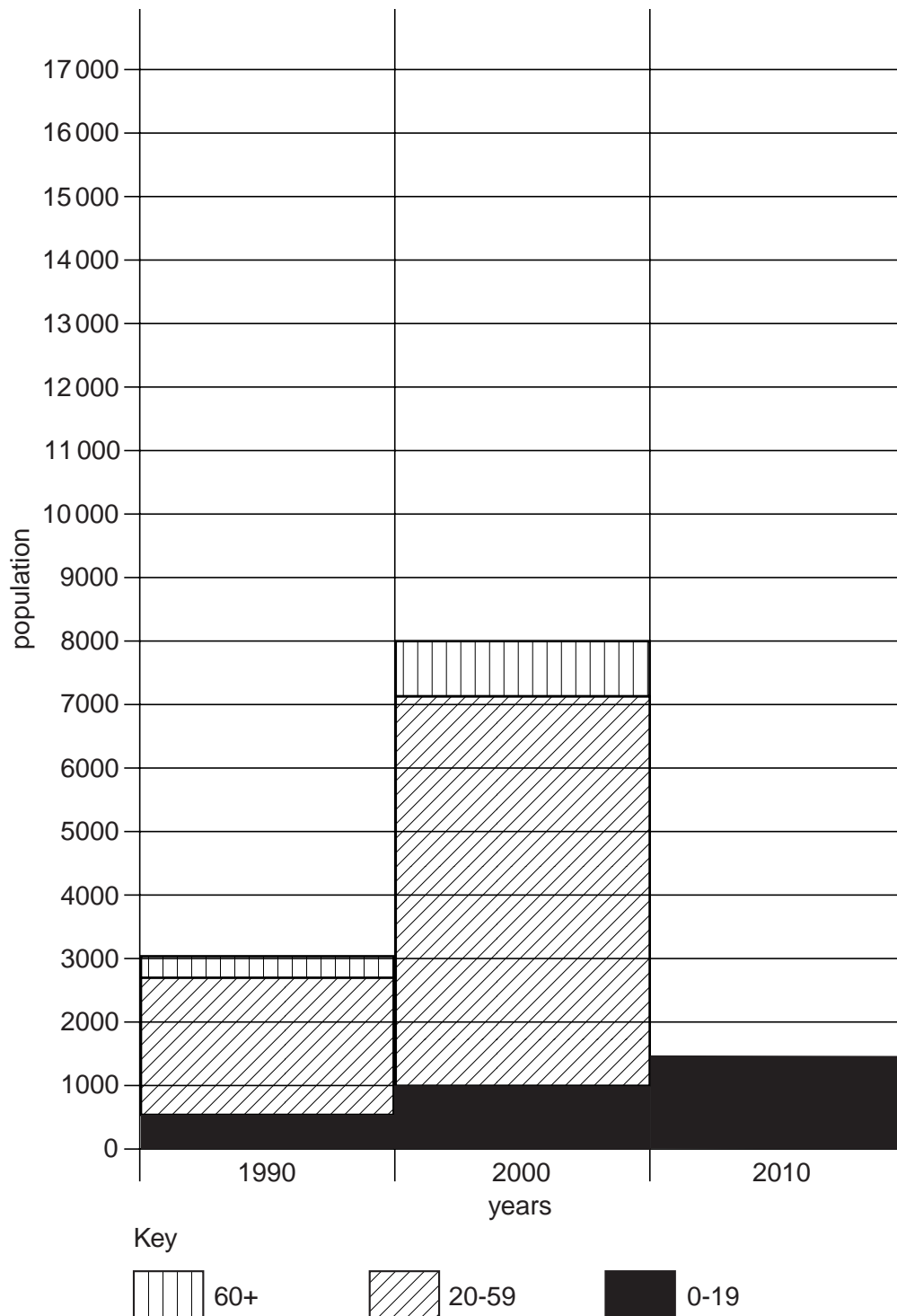
Z \_\_\_\_\_ [2]

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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ [2]

- (c) The table and graphs below show **population changes** for different **age groups** in Pymont between **1990** and **2010** (projected).

	1990	2000	2010
<b>60+</b>	303	900	2700
<b>20-59</b>	2214	6100	11800
<b>0-19</b>	505	1000	1500
<b>Total population</b>	<b>3022</b>	<b>8000</b>	<b>16000</b>



- (i) Which age group **increased** most **slowly** between 1990 and 2000? **Tick** the correct answer.

☐ 60+

☐ 20-59

☐ 0-19

[1]

- (ii) **Describe** the **change** in the number of people aged 60+ between 1990 and 2000.

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[1]

- (iii) **Complete** the **graph** for 2010 by using the figures from the table. [2]

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

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[2]

- (d) The new residents of Pyrmont need housing. New luxury flats have been built. Some of these are marked with a letter F on the photograph.

**Study** Graphs 1-4 on Resource Sheet A which show how the **new residents** compare to the **local people** who already live in Pyrmont.

- (i) **Complete** the **table** below using information from the graphs.

	<b>New residents</b>	<b>Local people already living in Pyrmont</b>
<b>Population structure</b>	Few young children and older people	Evenly balanced population structure
<b>Place of origin</b>		Most have lived in Pyrmont all their lives
<b>Place of work</b>	The highest percentage work in Sydney's CBD.	
<b>Main socio-economic groups</b>	Professional and managerial	

[3]

- (ii) 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 \_\_\_\_\_

\_\_\_\_\_

- (iii) New residents can be good for the area. **Give** one **benefit** which new residents may bring to Pyrmont.

\_\_\_\_\_

\_\_\_\_\_ [1]

- (iv) **Describe** and **explain** one **problem** that many new residents may create.

Problem \_\_\_\_\_

This would be a problem because \_\_\_\_\_

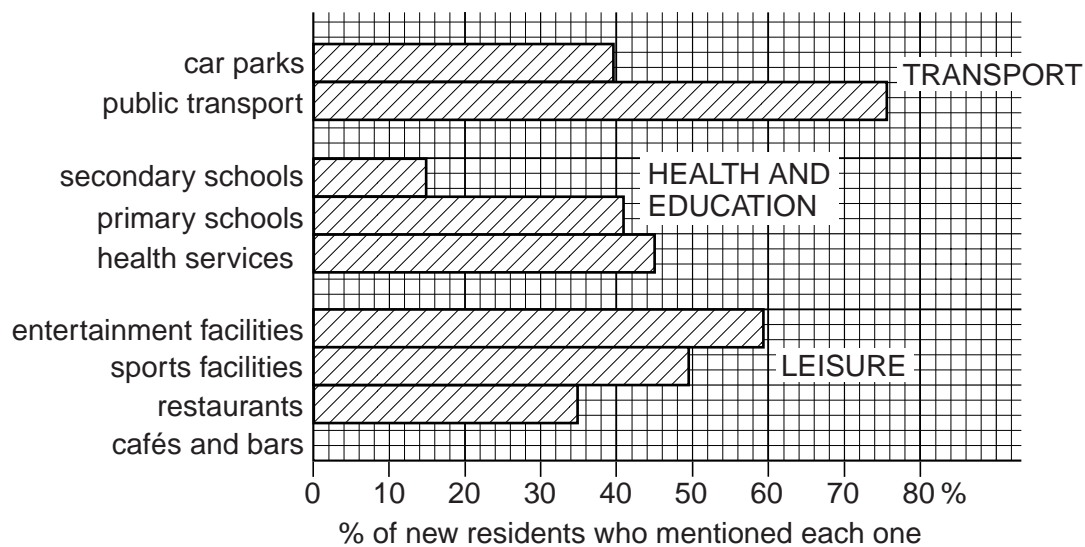
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [2]

- (iv) **Suggest** one **reason** why people move into this inner city area from abroad.

Reason \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_ [1]

- (e) One hundred of the new residents were asked what services Pyrmont needed. The graph below shows their replies.



- (i) **Use** the **figure** below to **complete** the graph.

Cafés and bars	28%
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[1]

- (ii) Do you think that the **local people** already living there and the **new residents** would **agree** about the services needed? **Explain** your answer.

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[2]

**Total mark 24****End of Part B**

**PART C: Plans for Pyrmont****Spend about 30 minutes on this section**

- The Pyrmont inner city area needs improving. It must be redeveloped to meet the needs of Sydney and its growing population.
- Your task is to design a plan to improve the area. You should use the information provided, as well as your own ideas. You must **justify** your plans.

**(a)** Map 3 on Resource Sheet B shows Pyrmont in more detail. Development sites are clearly shown.

**(i)** Tick the statement that **best** describes the **distribution** of the development sites.

- ☐ They are mainly in the south of the peninsula.
- ☐ They are away from the harbour, near to residential areas.
- ☐ They are scattered all around Pyrmont.
- ☐ They are mostly near the harbour, in the north of Pyrmont. [1]

**(ii)** **Measure** the straight line distance from the middle of **point X** in Pyrmont to the middle of **point Z** in Sydney's CBD.

The straight line distance from point X to point Z is \_\_\_\_\_ metres. [1]

**(b)** One development site is the disused sugar refinery. This is located in northern Pyrmont.

It is a large site of 12 hectares. Its location is shown on Map 3 and Photograph 1 on Resource Sheet B.

**(i)** **Use** Photograph 1 to **describe** the density of buildings on the site of the disused refinery.

\_\_\_\_\_  
\_\_\_\_\_[1]

**(ii)** How **accessible** is the site by sea compared to road?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_[1]

- (c) Map 4 on Resource Sheet B shows the proposed plans for developing the site of the sugar refinery.

(i) **Explain** one way in which this plan might **benefit** people living in Pymont.

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[2]

(ii) Give one **reason** why people living near the site might not like the scheme.

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[1]

- (d) People have different views about what should happen to all the development sites in the area. Read what they say.

**Steve Jones - Property Developer**



*"I want to build new shops, entertainment and sporting facilities."*

*"The well designed developments I will build will attract more tourists and visitors."*

**Megan Peters - Business Person**



*"We want to attract new young people into Pyrmont."*

*We need new people who will bring ideas, money and help create jobs."*

**Kim Lee - Residents' Spokesperson**



*"We need cheaper rented housing for local people."*

*"More money should be spent on improving services and public transport for local people."*

*"We also need more open space."*

**Kate Peebles - Council Officer**



*"We need to raise living standards for local people."*

*"We want housing and facilities for both rich people and poorer people."*

*"We want to create a good social mix."*

- (i) **How** is the property developer going to attract more tourists and visitors?

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[1]

- (ii) Give one difference between the views of Kim Lee and Megan Peters.

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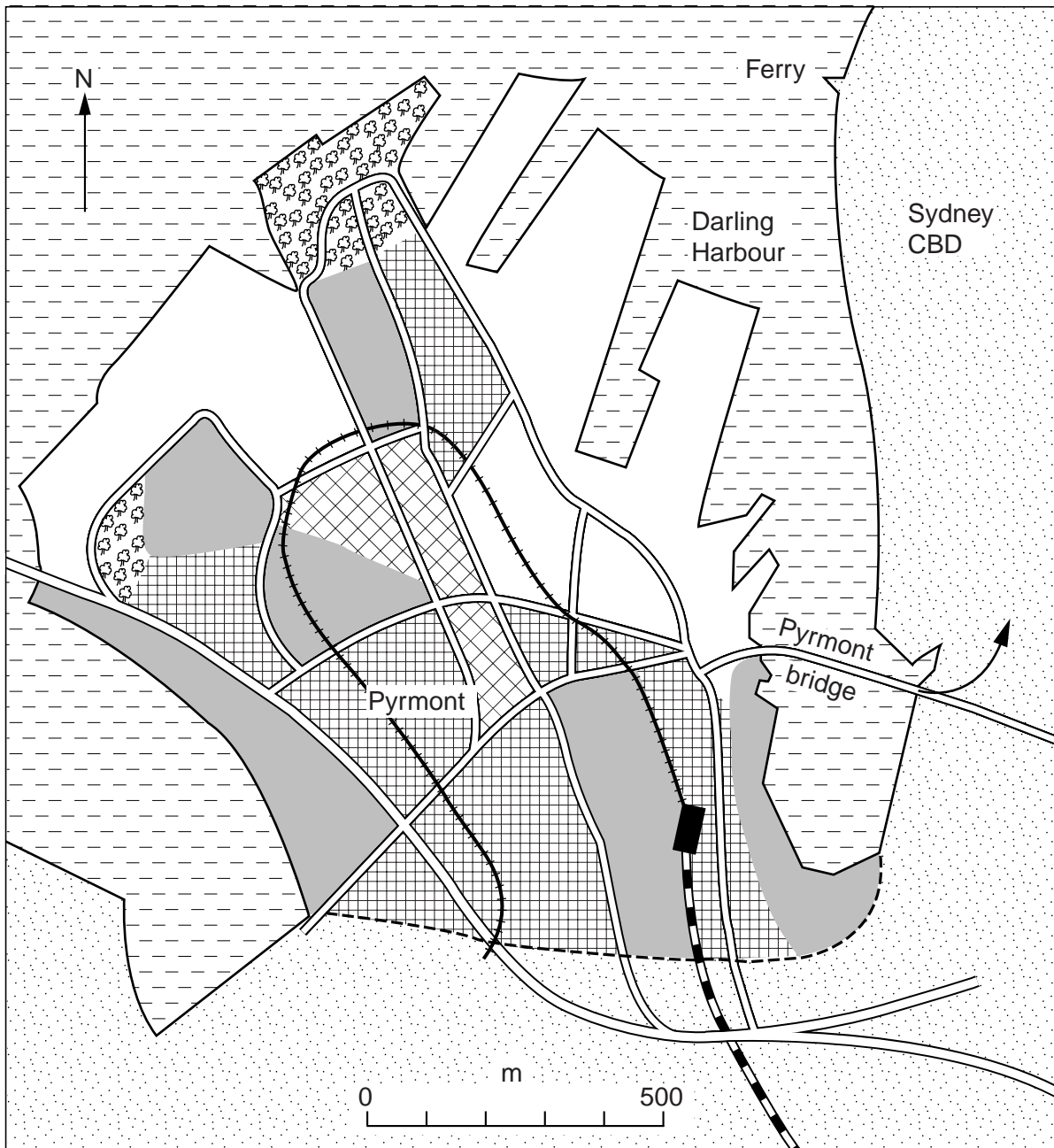


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[1]

- (e) **How** do you think all the sites, including the sugar refinery, should be developed to meet the needs of different groups of people?

**Draw** and **label** your ideas on the map below. Then write a **letter** to the Sydney Herald newspaper to **explain** and **justify** what you have done.



### Key

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

I am writing to tell you about my plans for the development sites in Pymont. \_\_\_\_\_

[illegible]

**End of Part C**

[illegible]

[illegible]

[illegible]