

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
3	
4	
5	
6	
TOTAL	



Level 1 / Level 2 Certificate
Specimen Paper

Geography

8031/3 Application of Geographical Skills and Decision-Making

For this paper you must have:

- a clean copy of the Sources Booklet (enclosed)
- the Ordnance Survey map extract (enclosed).

You may use a calculator.

Time allowed

- 1 hour 30 minutes

Instructions

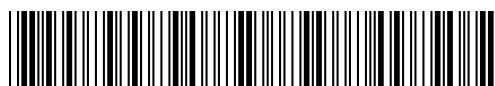
- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **ALL** questions in Sections A and B.
- You must answer the questions in the spaces provided.
- Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.
- Use case studies to support your answers where appropriate.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 70.
- You are reminded of the need for good English and clear presentation in your answers. Where applicable, questions should be answered in continuous prose. Quality of Written communication will be assessed in all answers.

Advice

You are advised to spend 45 minutes on **each** of the two sections (A and B) in this paper.



Barcode

Section A – The Application of Geographical Skills

Answer **all** questions.

Total for this question: 16 marks

1 Study **Figure 1**, an Ordnance Survey map extract showing part of the South Wales coast.

1(a) The following statements describe the location of the caravan park (4387). Use **Figure 1** to decide which **two** of the statements are correct. Tick the **two** correct boxes.

The caravan park (4387) is:

close to a secondary road	<input type="checkbox"/>
on top of a hill	<input type="checkbox"/>
next to a river	<input type="checkbox"/>
near to land owned by the National Trust	<input type="checkbox"/>
on the coast	<input type="checkbox"/>

(2 marks)

1(b) Use **Figure 1**, the Ordnance Survey Map extract, to complete the table below by matching the following grid squares to the correct description of physical features.

Choose from: **4692** **4390** **4488** **5087**

Description of physical features	Grid square
Hill with summit (highest point) over 150m	<input type="text"/>
Wide sandy beach and salt marsh	<input type="text"/>
River valley with steep slope to the south west	<input type="text"/>

(3 marks)



1(c) A tourist is in the car park at 412909 and looks to the summit of Llanmadoc Hill (430924).

1(c)(i) In which compass direction is the tourist looking?

.....
(1 mark)

1(c)(ii) State the height above sea level of the summit of Llanmadoc Hill.

..... metres
(1 mark)

1(c)(iii) Measure the straight line distance between the car park and the summit.

..... km
(1 mark)

1(c)(iv) Describe the changes in gradient of the land between the car park and the summit.

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(2 marks)

1(d) It is proposed that a new housing estate be built in grid square 4987 to the north of the village of Oxwich.

Suggest **two** reasons why many people might object to this proposal.

1

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2

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(2 marks)



1(e) Use map evidence to suggest why the area shown on the map is popular with tourists.

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(4 marks)

Extra space

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16



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Turn over for the next question

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ANSWER IN THE SPACES PROVIDED**



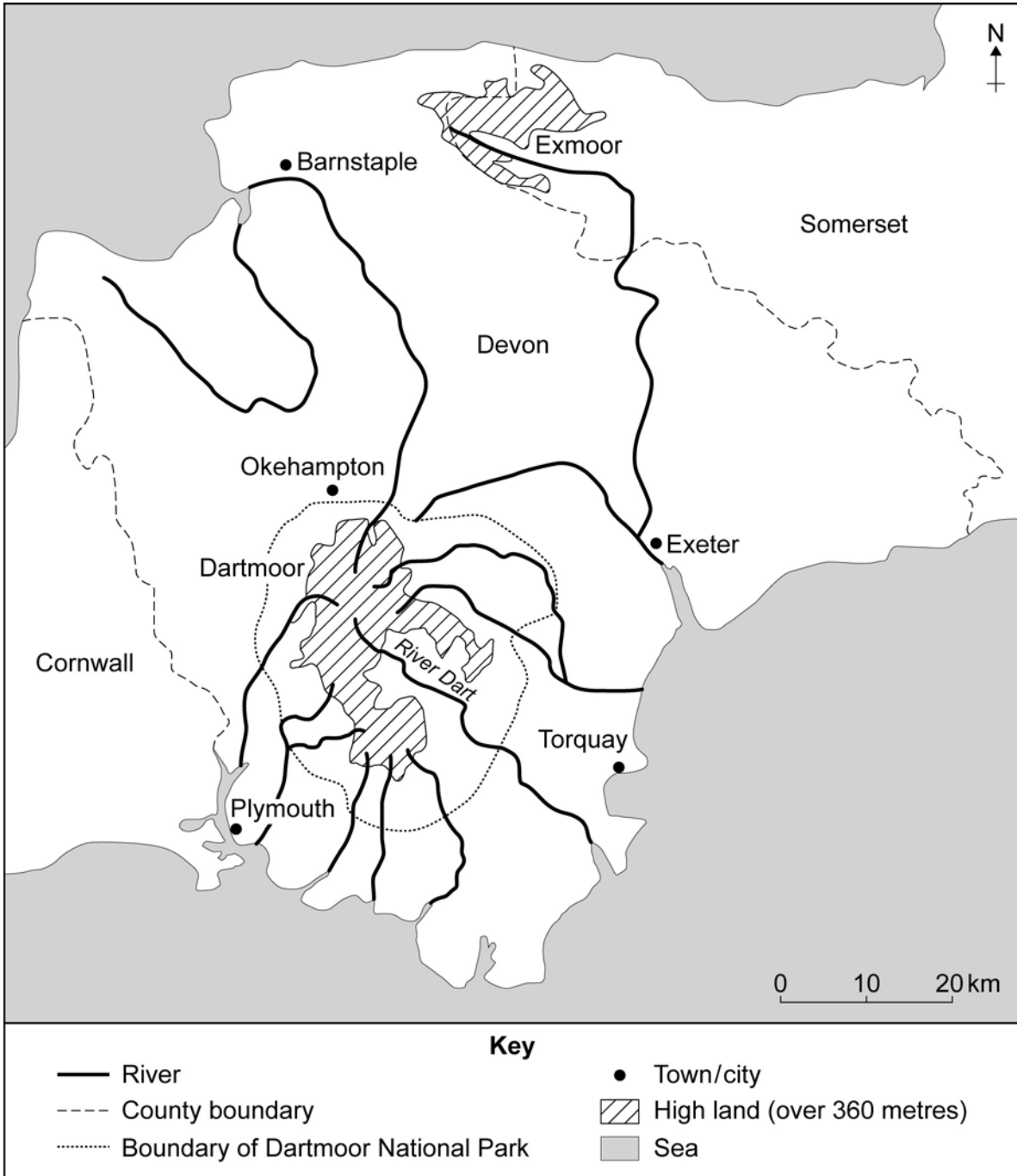
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Total for this question: 4 marks

2 Figure 2 is a map of Devon, a county in South West England.

Figure 2



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2(a) Using **Figure 2**, describe the location and size of Dartmoor National Park.

Location

.....

Size

.....

(2 marks)

2(b) Using **Figure 2**, describe the pattern of rivers in Devon.

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(2 marks)

4



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Total for this question: 6 marks

3 The River Dart is shown on **Figure 2**.

The figures in the table below show river data collected at 8 sites on the River Dart. Site 1 is close to the source (or start) of the river.

Site	Width of river (m)	Depth of river (cm)	Gradient (°)	Speed (velocity) of water in metres per second
1	0.7	5	5	0.2
2	0.9	3	3	0.4
3	1.6	5	2	0.7
4	2.1	8	4	0.5
5	1.3	18	2	0.6
6	5.7	12	1	0.8
7	8.9	29	1	1.1
8	8.0	22	1	1.2

3(a) Describe changes in the characteristics of the River Dart as it flows downstream from site 1 to site 8.

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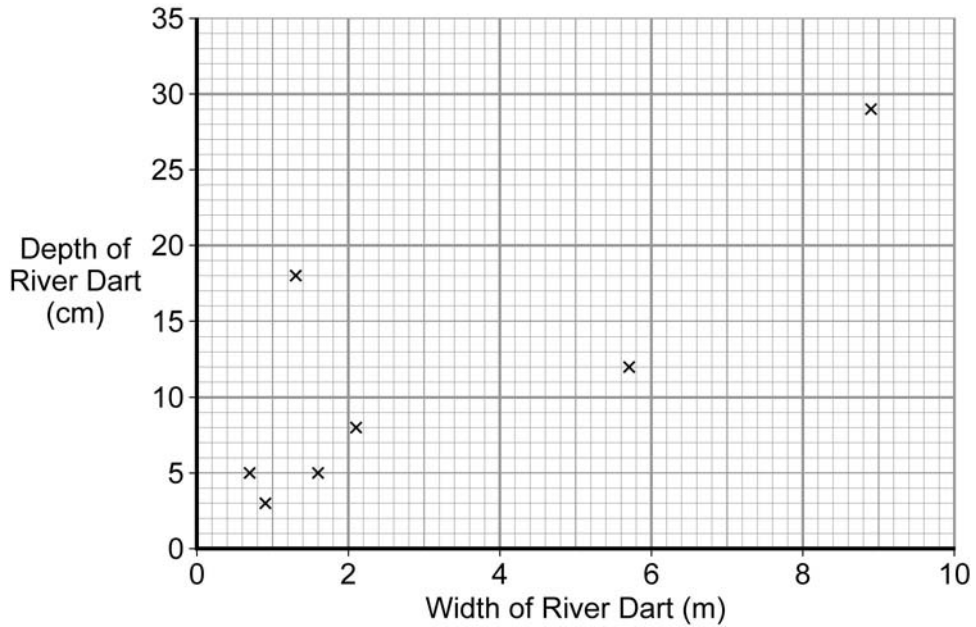
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(3 marks)



3(b) **Figure 3** is a scattergraph showing the relationship between the width and depth of the River Dart at sites 1-7.

Figure 3



3(b)(i) Complete **Figure 3** by plotting the following data for site 8:

Width 8.0 metres
Depth 22 cm

(1 mark)

3(b)(ii) On **Figure 3**, draw a best fit line (trend line) to show the relationship between the width and depth of the river.

(1 mark)

3(b)(iii) Describe the relationship between the width and depth of the River Dart shown on **Figure 3**.

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(1 mark)

6



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Total for this question: 5 marks

- 4** Study **Figure 4**, a map showing relief and rainfall during November and December 2010 in part of Devon, and **Figure 5**, a partly completed isoline map showing the rainfall totals collected at several sites in the same area.

Figure 4

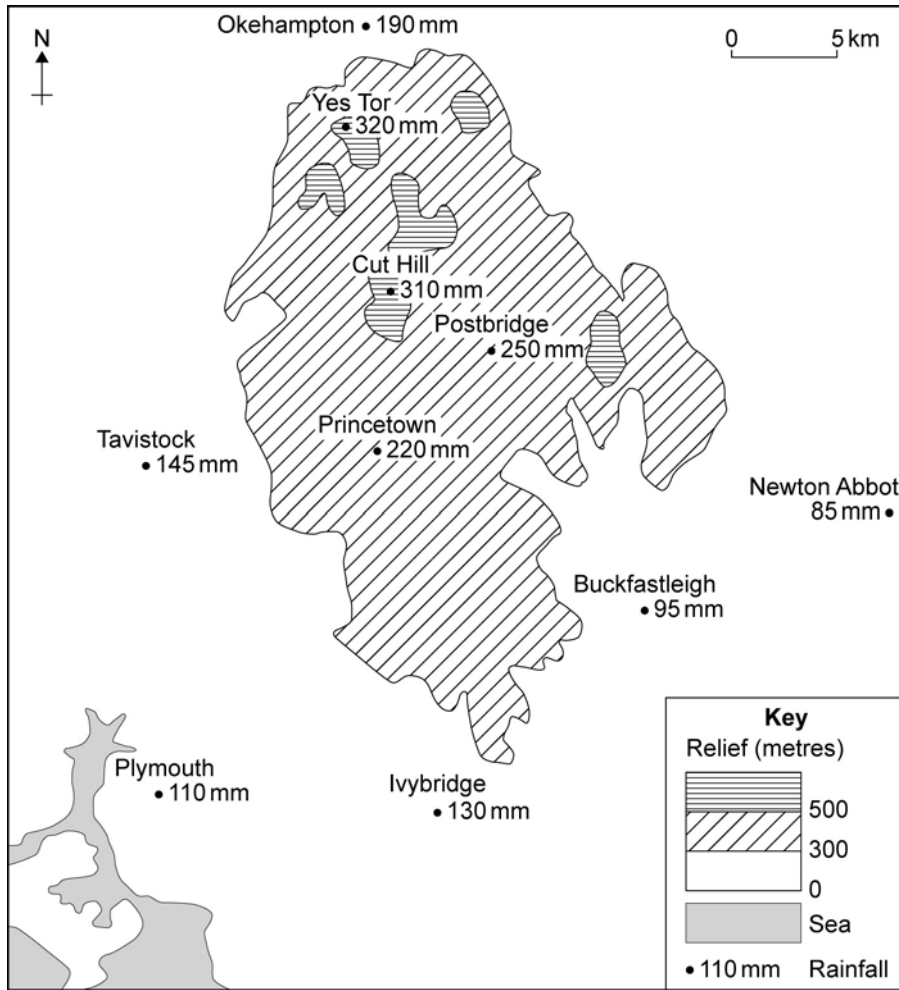
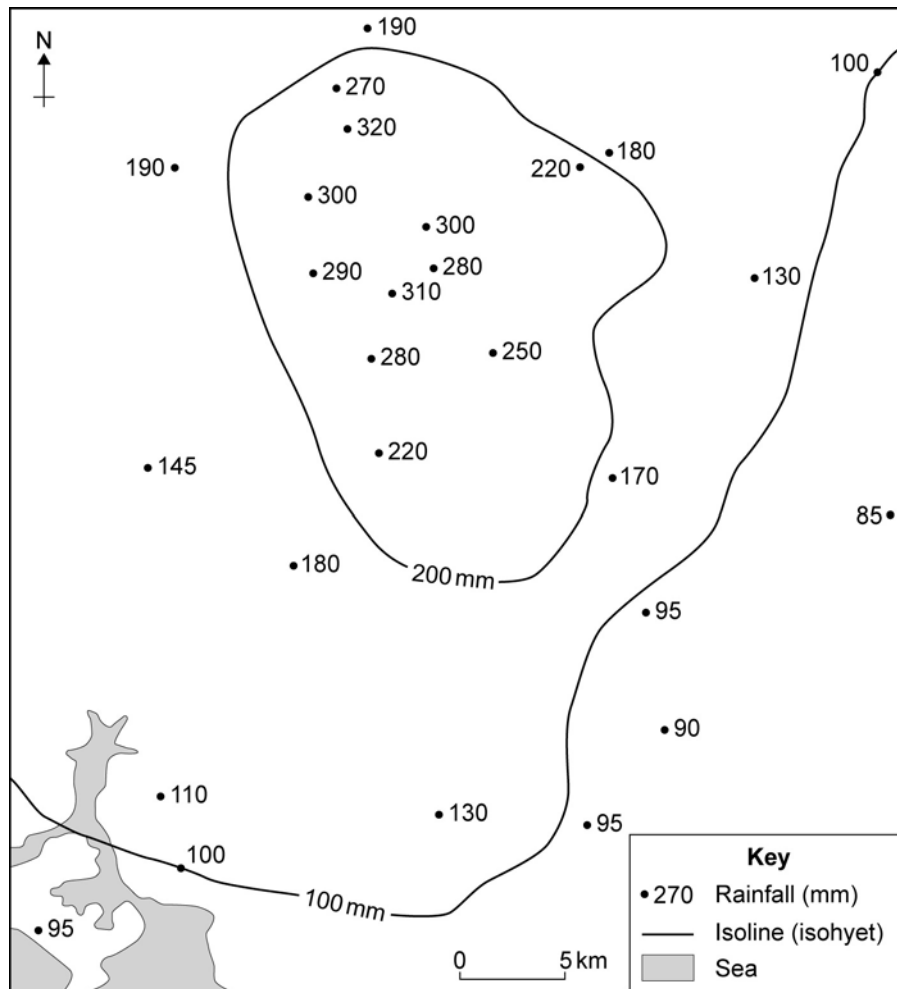


Figure 5



4(a) Complete Figure 5 by drawing the 300mm isoline.

(1 mark)

4(b) Use Figure 4 and Figure 5 to describe the distribution of rainfall in this part of Devon.

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(4 marks)



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Total for this question: 4 marks

5 Types of graph used in geography include:

- a line graph
- a pie chart.

5(a) For the following two examples, choose the most suitable type of graph from the list above.

In **each** case, name the type of graph.

Example (i) - A graph to show the sources of energy in the UK

Type of energy	%
Coal	29
Oil	32
Natural gas	26
Nuclear	7
Hydro electric and other renewables	6

Type of graph

Example (ii) - A graph to show change in the total population of the UK over a number of years

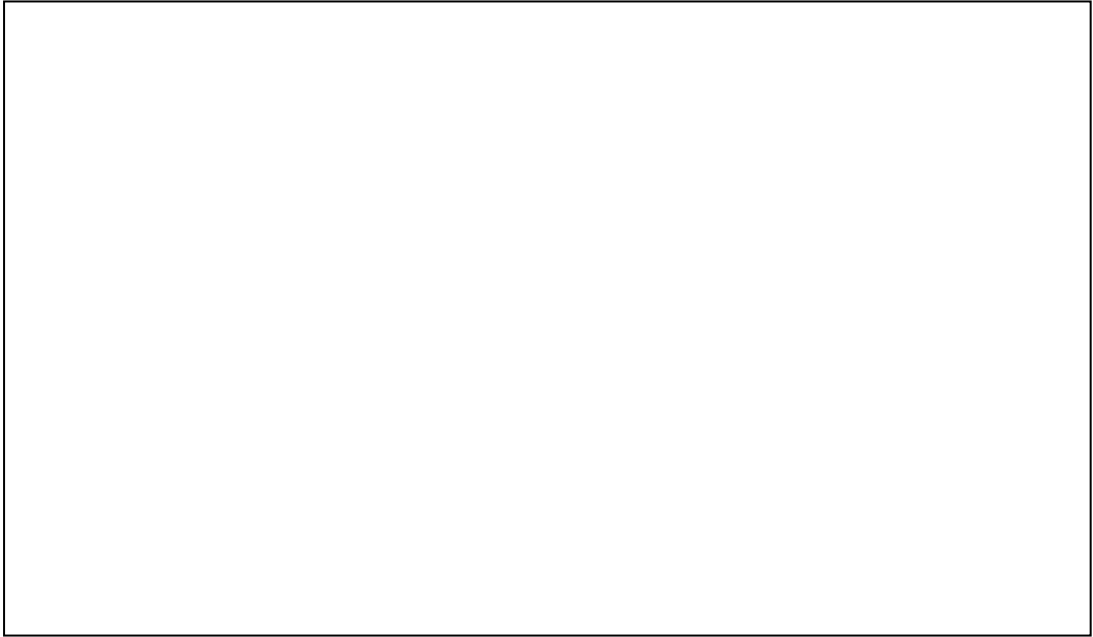
Year	1941	1951	1961	1971	1981	1991	2001
Population (millions)	48	51	53	56	56	57	58

Type of graph

(2 marks)



5(b) Draw a labelled **sketch** of **one** of the graphs that you chose in **Question 5(a)**.



(2 marks)

4

End of Section A



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Section B – Geographical Decision-Making

The Figures for Section B are printed in the Sources Booklet.

Use case studies to support your answers where appropriate.

Total for this question: 35 marks

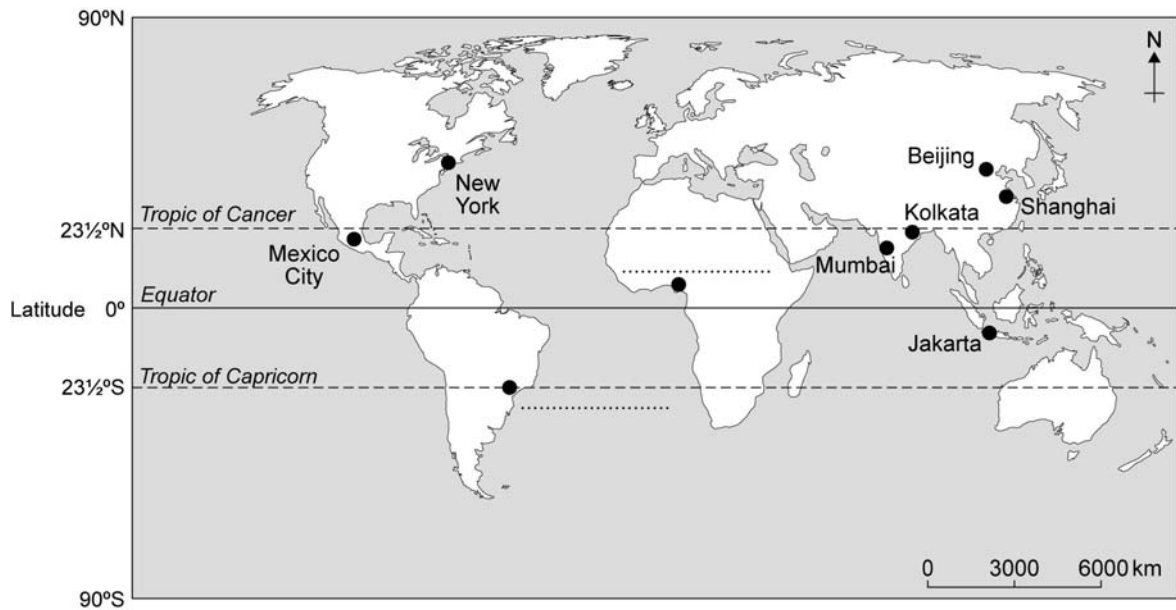
6 Contemporary Issues in Urban Settlements

6 Study **Figure 6** which gives information about the growth of cities.

6(a)(i) Use the information about latitude in **Figure 6** to label the following cities on the world map below.

Lagos

Sao Paulo



(2 marks)

6(a)(ii) Use **Figure 6** to compare the population growth of LEDC and MEDC cities.

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6(c) Study **Figure 8** which gives information about urban challenges in LEDCs.

Suggest how **Figure 8** shows that 'housing is not the only problem for people living in urban areas in LEDCs'.

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(4 marks)

Extra space

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6(e)(ii) Explain the possible disadvantages of your chosen project.

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(4 marks)

Extra space

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35

END OF QUESTIONS

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