

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1a	
1b	
1c	
1d	
1e	
1f	
2a	
2b	
2c	
2d	
2e	
2f	
TOTAL	



General Certificate of Secondary Education
Foundation Tier
June 2014

Geography (Specification B)

90351F

F

Unit 1 Managing Places in the 21st Century

Tuesday 13 May 2014 1.30 pm to 3.00 pm

For this paper you must have:

- the insert (enclosed)
- the Ordnance Survey map extract (enclosed)
- a ruler.

You may use a calculator.

A

Time allowed

- 1 hour 30 minutes

Instructions

- Use black ink or black ball-point pen. You may use pencil for maps, diagrams and graphs.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- 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 86.
- You will be marked on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.
- Spelling, Punctuation and Grammar will be assessed in questions 1(f) and 2(f). The marks available for Spelling, Punctuation and Grammar (**SPaG**) are shown below the mark allocation for each question.



J U N 1 4 9 0 3 5 1 F 0 1

The Coastal Environment

Answer **all** questions

Use case studies to support your answers where appropriate.

Total for this question: 43 marks

1 (a) Study **Figure 1** on the insert. **Figure 1** gives information about the island of St Lucia.

1 (a) (i) What is the name of the sea to the west of St Lucia?

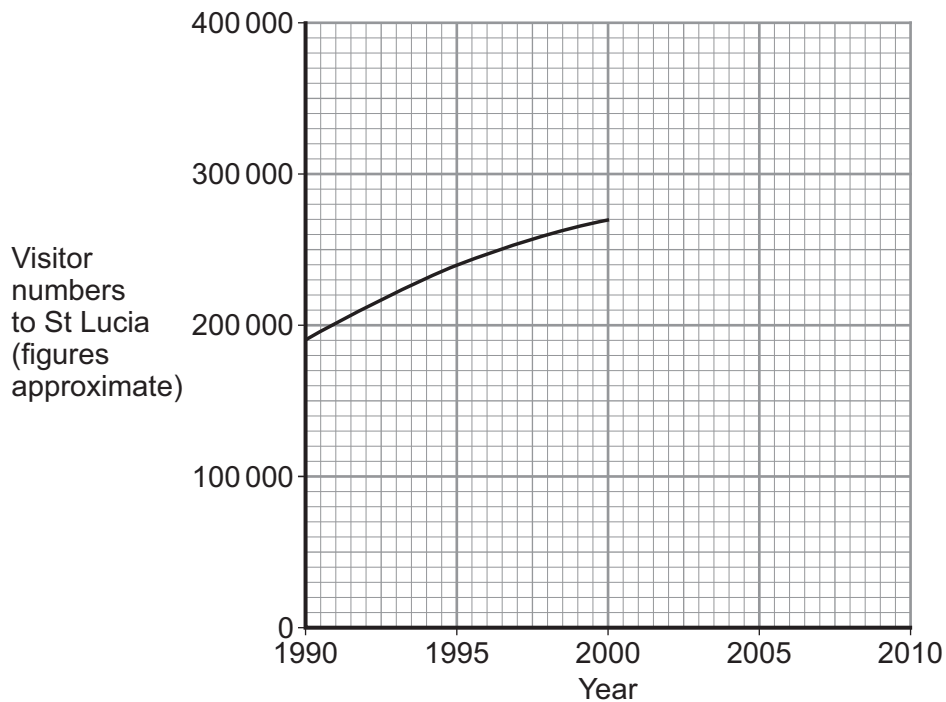
[1 mark]

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1 (a) (ii) Complete the graph below. The graph shows the number of visitors to St Lucia.

Use the information from **Figure 1**.

[2 marks]



1 (a) (iii) The physical environment attracts many visitors to St Lucia.

Give **two** reasons why.

[2 marks]

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1 (a) (iv) Suggest **one** way that the development of tourism might damage the physical environment in St Lucia.

[2 marks]

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Question 1 continues on the next page

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1 (a) (v) Explain how the zoning policy described in **Figure 1** helps to protect the coastal environment.

Use **Figure 1** and your own knowledge.

[4 marks]

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1 (b) Study **Figure 2**, an Ordnance Survey map extract showing part of the coast of South Wales.

1 (b) (i) Give the four-figure grid reference for the locks on the Cardiff Bay Barrage.

[1 mark]

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1 (b) (ii) What is the straight line distance, to the nearest km, from County Hall (1975) to Penarth Pier (1971)?

[1 mark]

.....



1 (b) (iii) Identify the land use found at the following grid references.

Write your answers in the table below.

[2 marks]

Grid reference	Land use
214758	
206747	

1 (b) (iv) Suggest why the coastal area shown in **Figure 2** is called a 'multi-use' coastal area.

[4 marks]

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1 (c) Complete the following paragraph which describes the physical processes that affect coastal areas.

Choose the **four** correct terms from the list below.

[4 marks]

weathering

wear

solution

abrasion

attrition

temperature

Wetting and drying, and changes in can break down rocks. This is called The force of breaking waves can away cliffs. This is called erosion. One type of erosion is when waves containing sand and pebbles break against the cliffs. This type of erosion is called

1 (d) Study **Figure 3** on the insert. **Figure 3** shows part of the Yorkshire coast.

1 (d) (i) Give **two** pieces of evidence which suggest that coastal erosion is taking place on the coastline shown in **Figure 3**.

[2 marks]

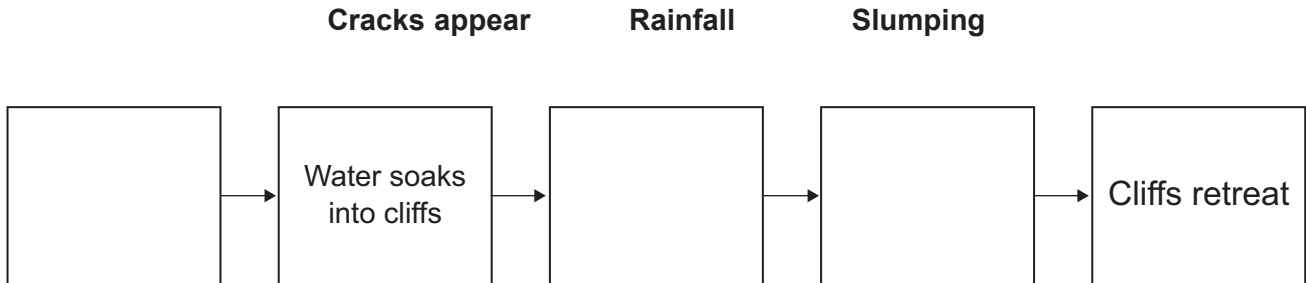
- 1
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- 2
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1 (d) (ii) Complete the following flow diagram. The diagram describes the process of erosion on soft cliff coastlines.

Put the following three statements in the correct boxes to complete the description.

[2 marks]



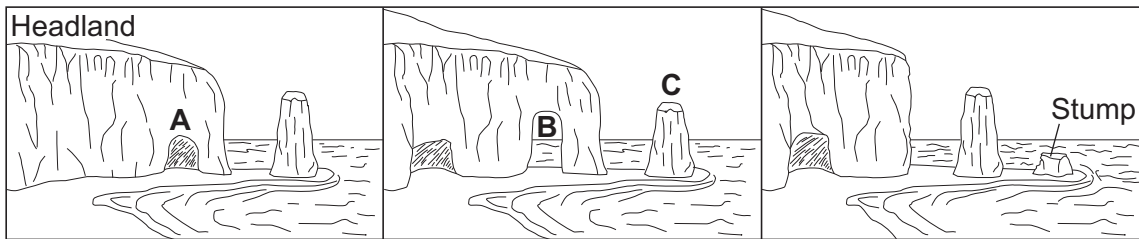
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- 1 (e) Study **Figure 4**. **Figure 4** shows a headland which has been affected by weathering and erosion.

Figure 4



- 1 (e) (i) Name the features found at:

[3 marks]

A

B

C



1 (e) (ii) Explain the formation of the stump shown in **Figure 4**.

You may use a diagram.

[4 marks]

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Turn over for Question 2

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The Urban Environment

Answer **all** questions

Use case studies to support your answers where appropriate.

Total for this question: 43 marks

2 (a) Study **Figure 5** on the insert. **Figure 5** gives information about urban change.

2 (a) (i) Use **Figure 5** to complete the following paragraph.

Choose the **four** correct terms from the list below.

[4 marks]

- 60**
- four**
- North America**
- 1985**
- 40**
- Europe**
- Asia**
- 2015**

In 1985% of the world's population lived in rural areas.

There was only one city in Africa with over 5 million people.

By 2015 the number of cities in Africa with over 5 million people is expected to increase to Between 1985 and 2015 the greatest expected increase in the number of cities of over 5 million people is in By it is expected that over half of the world's population will live in urban areas.

2 (a) (ii) What does 'urbanisation' mean?

Tick the correct box.

[1 mark]

The number of people living in towns and cities	<input type="checkbox"/>
The area covered by towns and cities	<input type="checkbox"/>
Increase in the percentage of the population living in towns and cities	<input type="checkbox"/>



2 (a) (iii) Explain why the population of urban areas in less developed countries has increased.

[4 marks]

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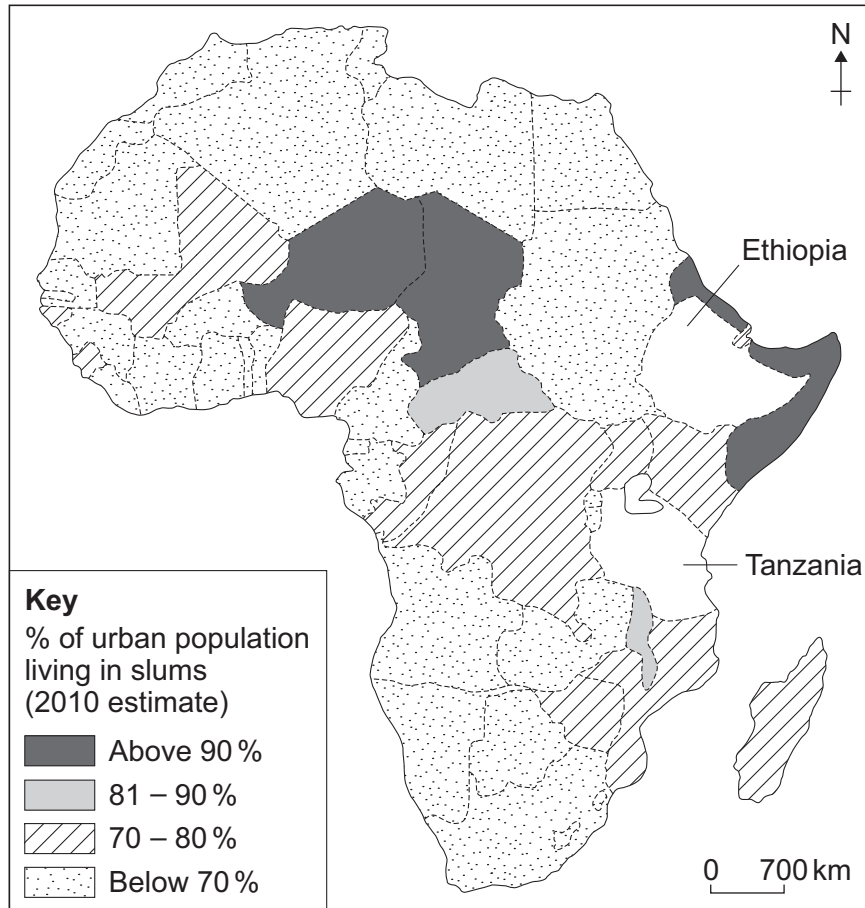
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2 (b) (i) Study **Figure 6**. **Figure 6** shows the percentage of the urban population living in slums in African countries (2010 estimate).

[2 marks]

Figure 6



Complete **Figure 6**. Use the information below.

Estimated percentage (%) of urban population living in slums:

Ethiopia – 94%

Tanzania – 80%



2 (b) (ii) In how many of the countries shown in **Figure 6** is it estimated that between 81% – 90% of the urban population live in slums?

[1 mark]

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2 (c) The following information describes the characteristics of urban slums in less developed countries.

Characteristics of urban slums
<ul style="list-style-type: none"> ● Housing made out of basic materials ● Shortage of living space ● Limited access to clean water and sanitation ● Few people own the land on which their home stands

2 (c) (i) Suggest **one** problem created by limited access to clean water:

[4 marks]

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Suggest **one** problem created by not owning the land on which your home stands:

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2 (c) (ii) Explain how housing conditions in urban areas in less developed countries are being improved.

Use an example(s) you have studied.

[4 marks]

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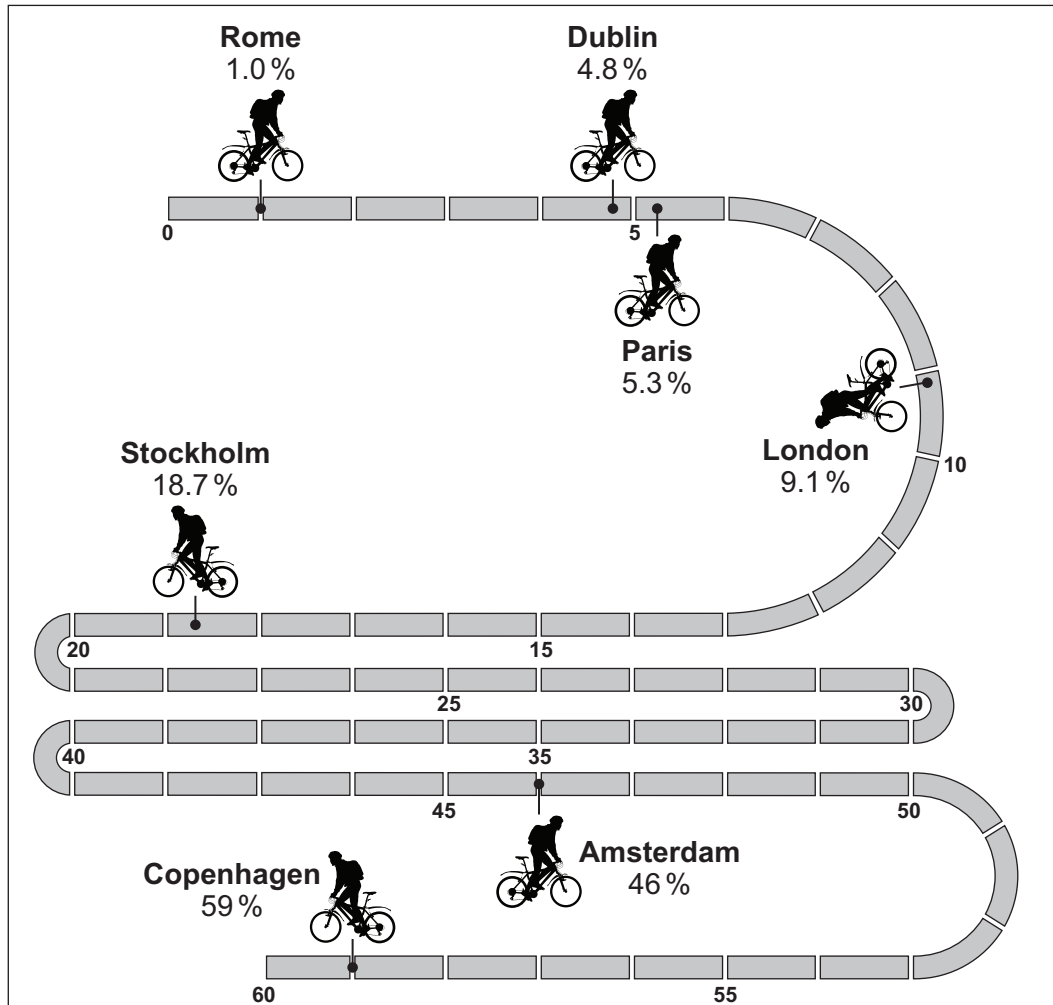
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- 2 (d) Study **Figure 7**. **Figure 7** shows the percentage of people who used bicycles to get to work in European cities (2010).

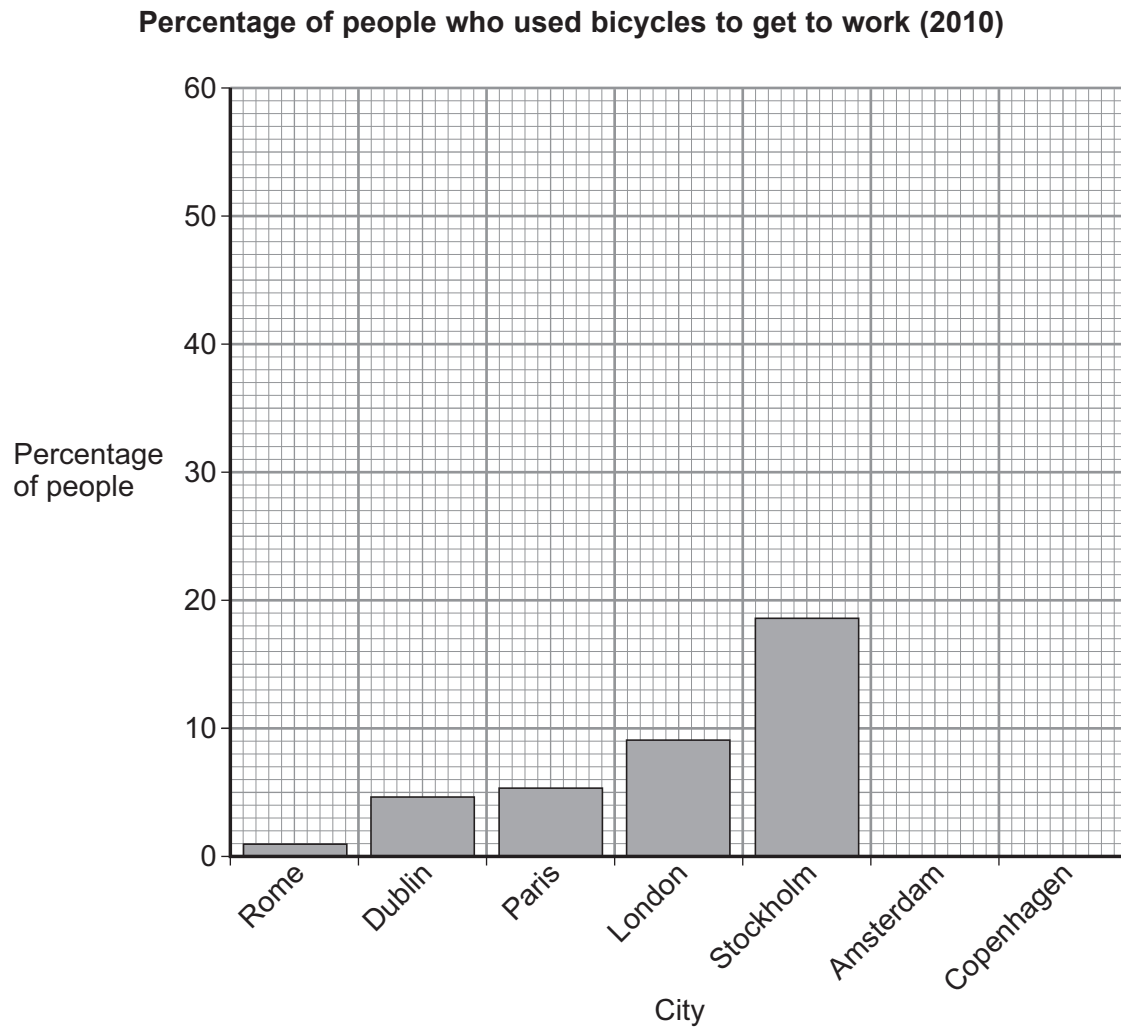
Figure 7



2 (d) (i) Complete the following graph.

Use the information from **Figure 7**.

[2 marks]



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2 (d) (ii) Suggest **two** ways that urban environments might be improved if more people cycled to work.

[4 marks]

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2 (d) (iii) Suggest **one** way of reducing vehicle numbers in urban areas other than encouraging people to cycle to work.

[2 marks]

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2 (e) (i) In developed countries some parts of urban areas are very poor.

Suggest why.

[2 marks]

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2 (e) (ii) Describe **one** way that poor urban areas in developed countries could be improved.

[4 marks]

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