

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
TOTAL	



General Certificate of Secondary Education
Foundation Tier
June 2015

Geography (Specification B)

90351F

F

Unit 1 Managing Places in the 21st Century

Tuesday 19 May 2015 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.

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.
- 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.

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(a)(iv) and 2(b). The marks available for Spelling, Punctuation and Grammar (**SPaG**) are shown below the mark allocation for each question.



J U N 1 5 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 Singapore, a country in Asia.

1 (a) (i) Name the country to the north of Singapore.

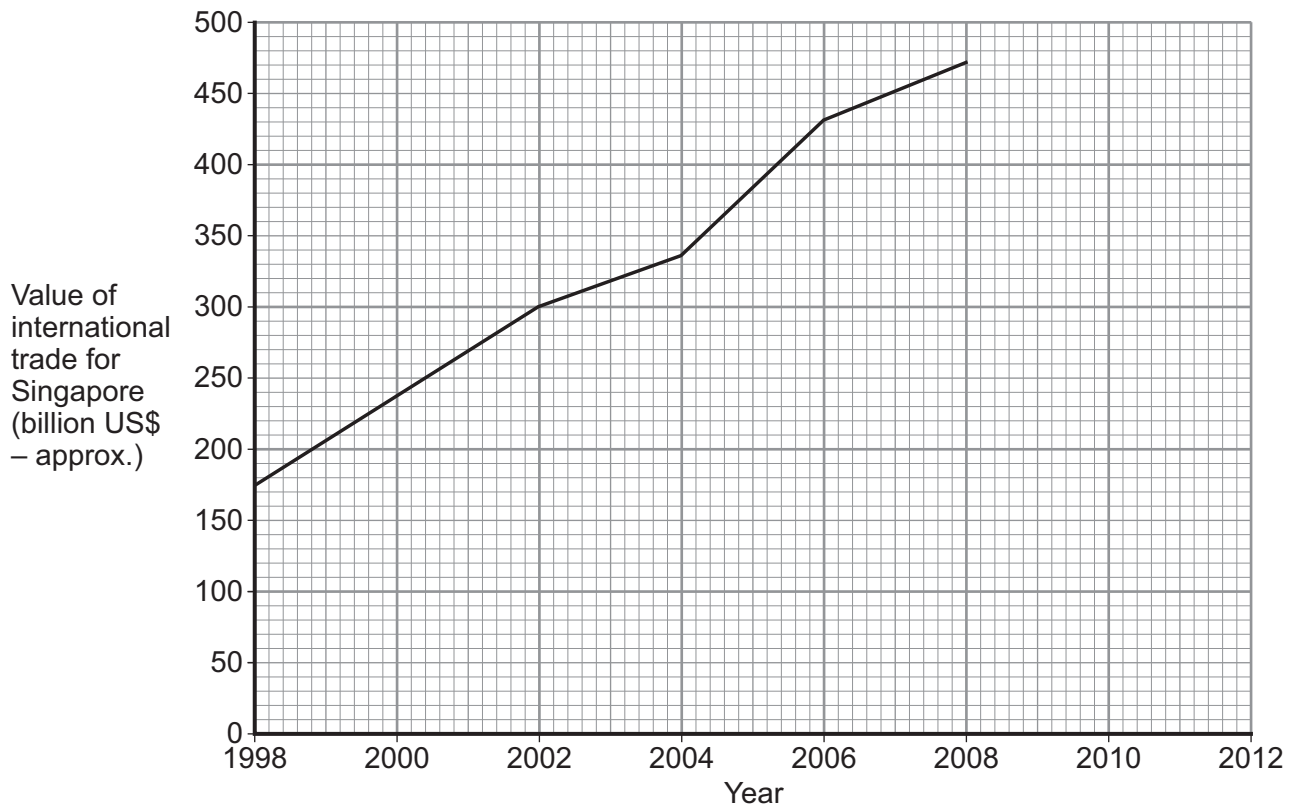
[1 mark]

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1 (a) (ii) Complete the graph below. The graph shows the value of international trade for Singapore.

Use information from **Figure 1**.

[2 marks]



1 (b) Describe how natural environments are being protected from economic development in coastal areas.

[4 marks]

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Question 1 continues on page 6



Turn over for the next question

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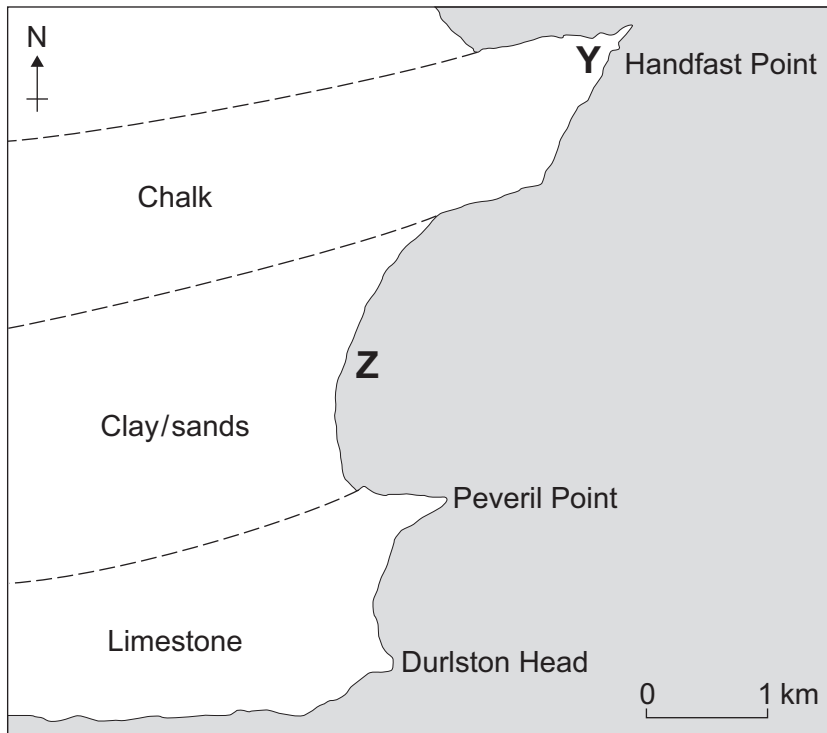
Turn over ►



0 5

1 (c) Study **Figure 2**. **Figure 2** shows a simplified map of part of the Dorset coast. Different types of rock are found in this area.

Figure 2



1 (c) (i) Name the features on the map marked **Y** and **Z**.

Choose the correct features from the following list.

[2 marks]

- spit headland bay bar**

Y

Z

1 (c) (ii) Using **Figure 2** suggest how you can tell that clay/sands are softer rocks than chalk and limestone.

[2 marks]

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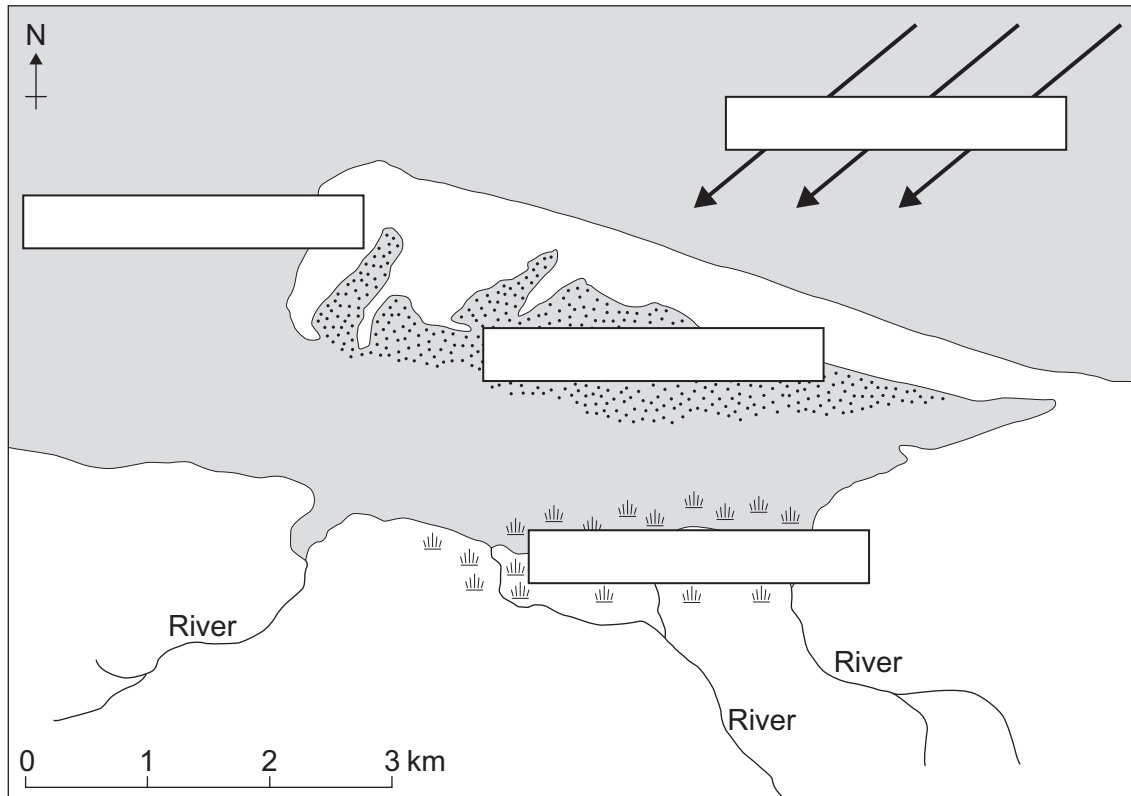
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1 (d) Study **Figure 3**. **Figure 3** shows a coastal spit and the surrounding area.

Figure 3



1 (d) (i) Complete **Figure 3**. Write the correct term in each box from the list below.

[3 marks]

salt marsh

prevailing wind

mud

recurved end

1 (d) (ii) Complete the following sentence. Circle the correct answer.

[1 mark]

A spit is a feature caused by [erosion / deposition / weathering]

Question 1 continues on the next page

Turn over ►



1 (d) (iii) Describe the formation of a coastal spit.

You may use a diagram.

[4 marks]

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Question 1 continues on page 10



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1 (f) Study **Figure 5** on the insert. **Figure 5** shows an example of managed retreat.

1 (f) (i) Which of the **two** following statements are true?

Tick the **two** correct boxes.

[2 marks]

Managed retreat is more likely to be used in coastal areas when:

There are not many buildings on the coast

There are steep cliffs along the coastline

Main roads and railway lines run along the coastline

The land is low and flat

1 (f) (ii) Using **Figure 5** on the insert to help, suggest how:

A Managed retreat allows the flood risk to be managed in local areas.

[2 marks]

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B Managed retreat can create environmental opportunities.

[2 marks]

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Turn over for Question 2

Turn over ►



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 6** on the insert. **Figure 6** gives information about the growth of megacities.

2 (a) (i) Use **Figure 6** to complete the following paragraph.

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

[4 marks]

China	5 million	7	more developed
US	10 million	8	less developed

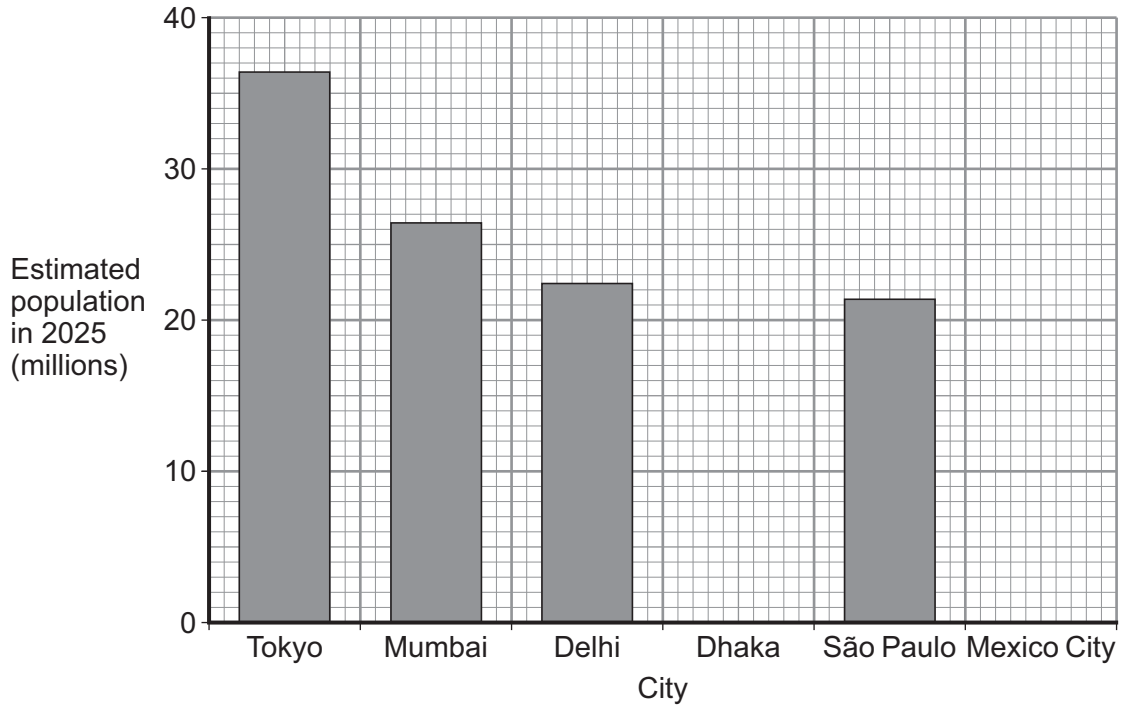
A megacity is a city with over people. Between 2007 and 2025 it is estimated that more megacities will develop, all of them in countries. The country where the most rapid urbanisation is taking place is



2 (a) (ii) Complete the graph below. The graph shows the estimated population of the world's six largest cities in 2025.

Use information from **Figure 6**.

[2 marks]



2 (a) (iii) Name **one** city where the population is expected to remain the same from 2007 to 2025.

[1 mark]

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2 (a) (iv) Explain why people migrate to urban areas within less developed countries.

Use **Figure 6** and your own knowledge.

[4 marks]

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2 (c) Study **Figure 8** on the insert. **Figure 8** gives information about an urban regeneration project in a part of Birmingham, a city in the United Kingdom (UK).

2 (c) (i) Why is the regeneration project shown in **Figure 8** called a 'mixed-use' project? **[2 marks]**

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2 (c) (ii) Using **Figure 8** give **two** reasons why this part of Birmingham needed a regeneration project. **[2 marks]**

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Question 2 continues on the next page

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2 (c) (iii) Suggest how the Birmingham Eastside regeneration project will:

1 Improve educational opportunities.

[2 marks]

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2 Improve housing conditions.

[2 marks]

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2 (c) (iv) Use **Figure 8** and your own knowledge to explain how regeneration projects can improve the physical environment in the urban area.

[4 marks]

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2 (d) Study **Figure 9**, an Ordnance Survey map extract showing part of the city of Norwich.

2 (d) (i) What is the four-figure grid reference for Norwich railway station?

[1 mark]

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2 (d) (ii) Identify the land use found at the following grid references.

Write your answers in the table below. One has been done for you.

[2 marks]

Grid reference	Land use
204115	Golf course
285093	
257129	

2 (d) (iii) Rackheath (2813) is the location chosen for a new, sustainable eco-town of 5000 homes.

Complete the sentences below. Circle the correct answer in each set of brackets.

[2 marks]

The direction from Norwich city centre (2308) to Rackheath (2813) is

[north-east / north-west / south-east]

The distance from the edge of Norwich (2511) to Rackheath (2813) is approximately

[1km / 3km / 5km]

2 (d) (iv) Suggest why people might want to live in the new eco-town of Rackheath (2813).

Use evidence from the Ordnance Survey map extract.

[2 marks]

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2 (e) Study **Figure 10**, on the insert. **Figure 10** gives information about the new eco-town at Rackheath.

Describe some of the features that can help to make urban areas sustainable.

Use **Figure 10** and your own knowledge.

[4 marks]

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43

END OF QUESTIONS



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