

Centre Number						Candidate Number				
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Other Names										
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For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
TOTAL	



General Certificate of Secondary Education  
Higher Tier  
June 2015

# Geography (Specification B)

90351H

H

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



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90351H

**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)** Suggest why Singapore is called a 'multi-use' coastal area.

**[2 marks]**

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- 1 (a) (ii)** Explain how coastal areas provide opportunities for the development of industry.

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

**[6 marks]**

**[SPaG 3 marks]**

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- 1 (b)** Describe how conservation measures are being used to protect natural environments from economic development in coastal areas.

**[4 marks]**

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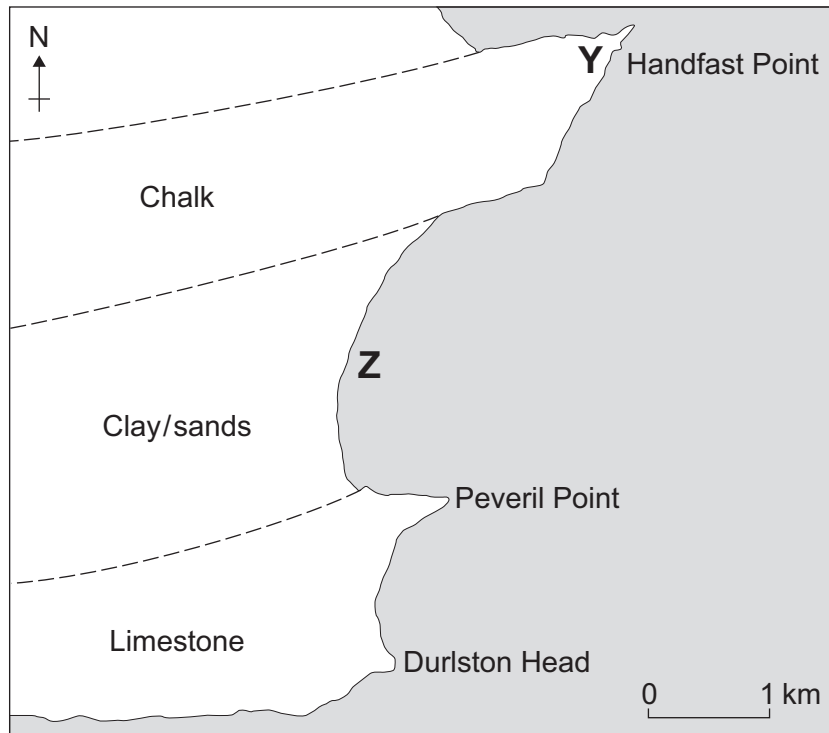
**Question 1 continues on the next page**

**Turn over ►**



- 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)** Some coastal areas erode more quickly than others.

Suggest **two** reasons for this.

**[4 marks]**

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**1 (d)** Describe the process of longshore drift.

You may use a diagram.

**[4 marks]**

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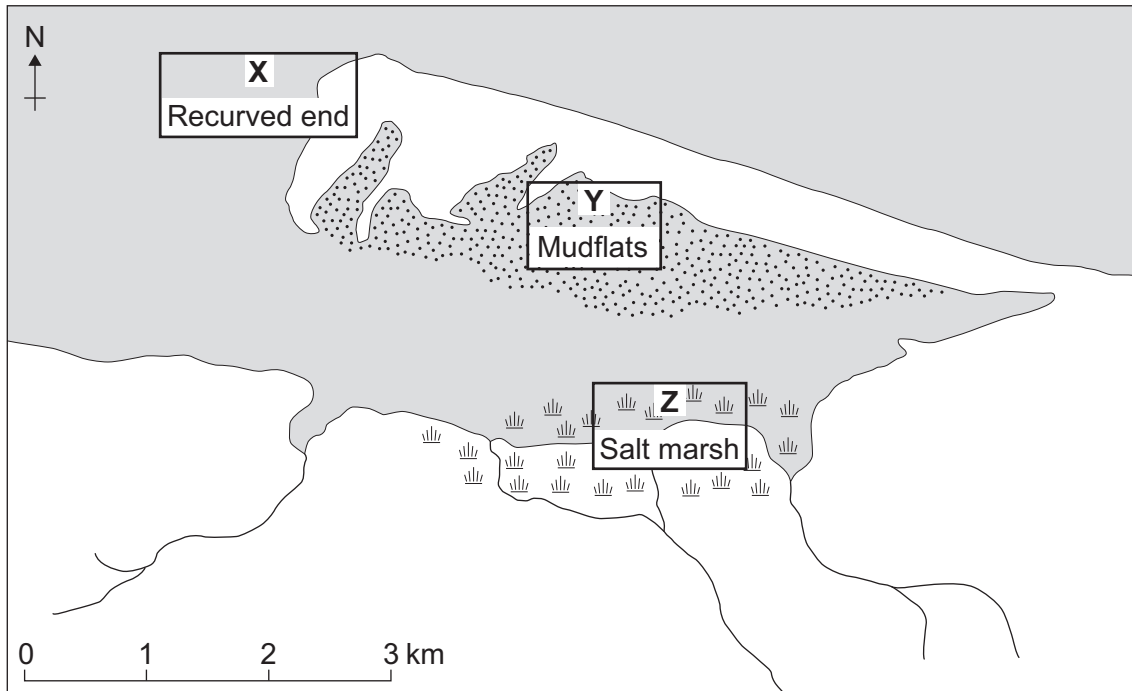
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- 1 (e) Study **Figure 3**. **Figure 3** shows a coastal spit and the surrounding area.

**Figure 3**



Explain the formation of **two** of the features (X, Y or Z) identified on the diagram in **Figure 3**.

**[4 marks]**

1 Chosen feature: .....

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2 Chosen feature: .....

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- 1 (g)** Study **Figure 5** on the insert. **Figure 5** shows an example of managed retreat.  
Explain how managed retreat can reduce the increasing risks of coastal flooding.  
Use **Figure 5** and your own knowledge.

**[6 marks]**

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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 6** on the insert. **Figure 6** gives information about the world's megacities.

**2 (a) (i)** Compare the estimated change to the population of Tokyo with that of Kolkata.

**[2 marks]**

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**2 (a) (ii)** 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 (b)** Study **Figure 7** on the insert. **Figure 7** shows part of a city in a less developed country.

Describe the challenges caused by urban growth in cities in less developed countries.

Use **Figure 7** and an example(s) you have studied.

**[6 marks]**

**[SPaG 3 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)** Suggest why regeneration projects are needed in some parts of urban areas in developed countries.

Use **Figure 8** and your own knowledge.

**[4 marks]**

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**2 (c) (iii)** Explain how regeneration projects can create opportunities for local people.

Use **Figure 8** and an example you have studied.

**[6 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 six-figure grid reference for Norwich railway station?

**[1 mark]**

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**2 (d) (ii)** What is the main land use in grid square 2411?

**[1 mark]**

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**2 (e)** Rackheath (2813) is the location chosen to build a new, sustainable eco-town of 5000 homes.

**2 (e) (i)** Describe the location of Rackheath.

**[2 marks]**

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**2 (e) (ii)** Suggest **two** reasons why Rackheath was seen as a good location to build a new settlement.

Use evidence from the Ordnance Survey map extract.

**[4 marks]**

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