

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  
Specimen Paper

# Geography (Specification B) 90351F

# F

## Unit 1: Managing places in the 21<sup>st</sup> century

Date: Time

**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. Answers written in margins or on blank pages will not be marked.
- Do all rough work in this book. Cross through any work you do not want to be marked.

### Information

- The maximum mark for this paper is 86.
- The marks for questions are shown in brackets.
- You will be marked on your ability to:
  - use an appropriate form and style of writing
  - organise relevant information clearly and coherently
  - use specialist vocabulary where appropriate.
- Spelling, Punctuation and Grammar will be assessed in questions 1(b) and 2(b)(ii). The marks available for Spelling, Punctuation and Grammar (**SPaG**) are shown below the mark allocation for each question.

**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** shows information about coastal development in Bahia, Brazil.

1 (a) (i) In which part of Brazil is the state of Bahia?

Circle the correct answer

**north**                      **south**                      **east**                      **west**  
(1 mark)

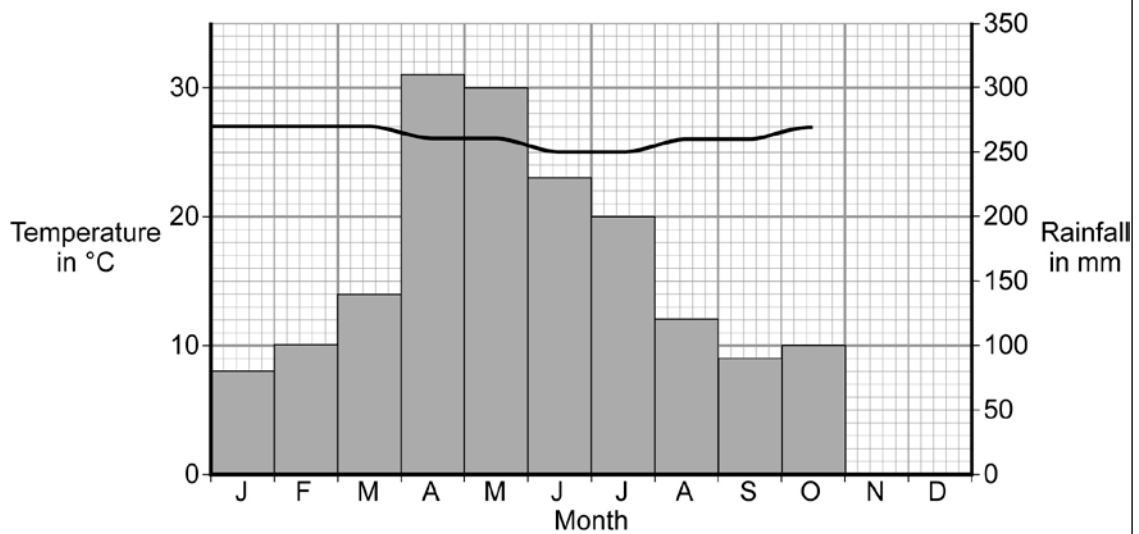
1 (a) (ii) Name the ocean that borders Brazil.

.....  
(1 mark)

1 (a) (iii) Complete the climate graph below.

Add the temperature and rainfall data for November and December from **Figure 1**.

**Salvador – climate**



(3 marks)



Barcode

1 (a) (iv) Describe the annual temperature pattern of Salvador.

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(2 marks)

1 (a) (v) Give **two** natural characteristics of the Bahia coast, **other than** climate, that will attract tourists.

Use **Figure 1**.

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(2 marks)

1 (b) Explain how the development of coastal areas can damage local environments.

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(6 marks)

*SPaG* (3 marks)



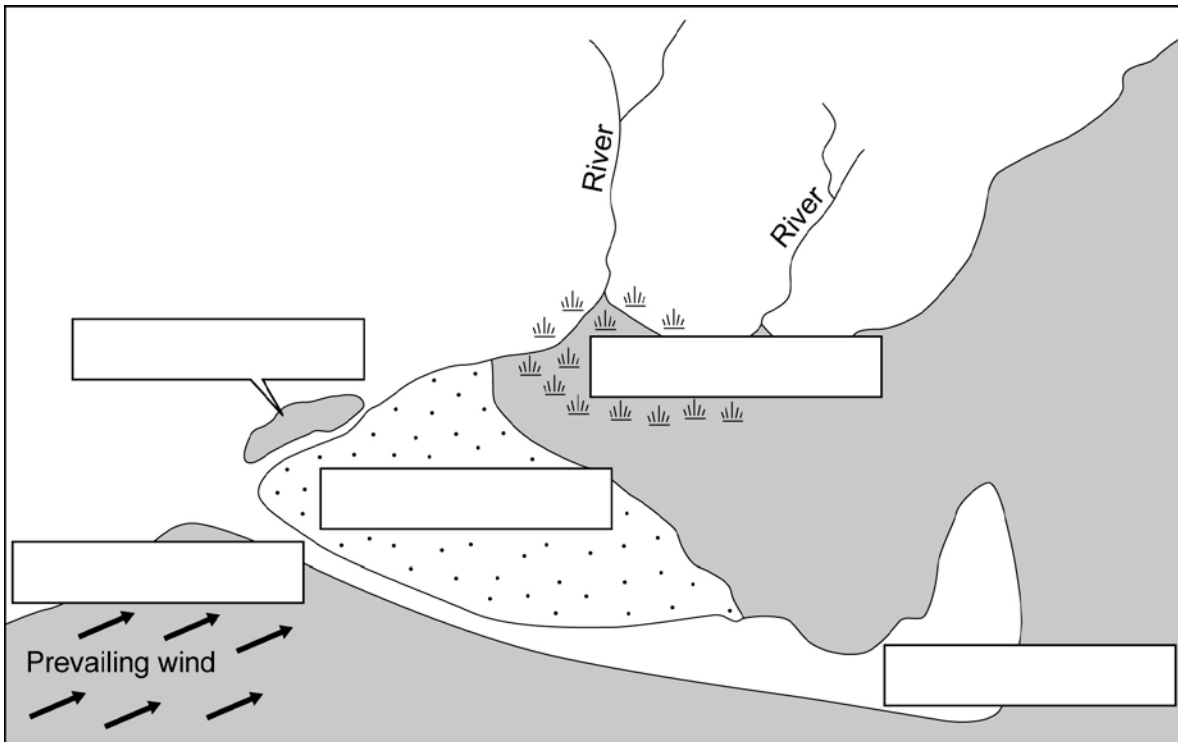
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1 (c) (i) Study **Figure 2**. **Figure 2** shows a coastal spit.

Complete the diagram below. Write the correct term in each box.

- mudflats**
- neck of spit**
- recurved end**
- salt marsh**
- saltwater lake**

**Figure 2**



(4 marks)



1 (c) (ii) Explain how a coastal spit is formed.

You may use a diagram to support your answer.

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(4 marks)

(Extra space) .....

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1 (d) (i) Complete the table below.

Write the correct term next to each definition.

**soft engineering                      longshore drift                      hard engineering**

Term	Definition
	Building concrete barriers between the land and the sea
	Adding sand to the beach in order to protect the coast.

(2 marks)

**Question 1 continues on the next page**



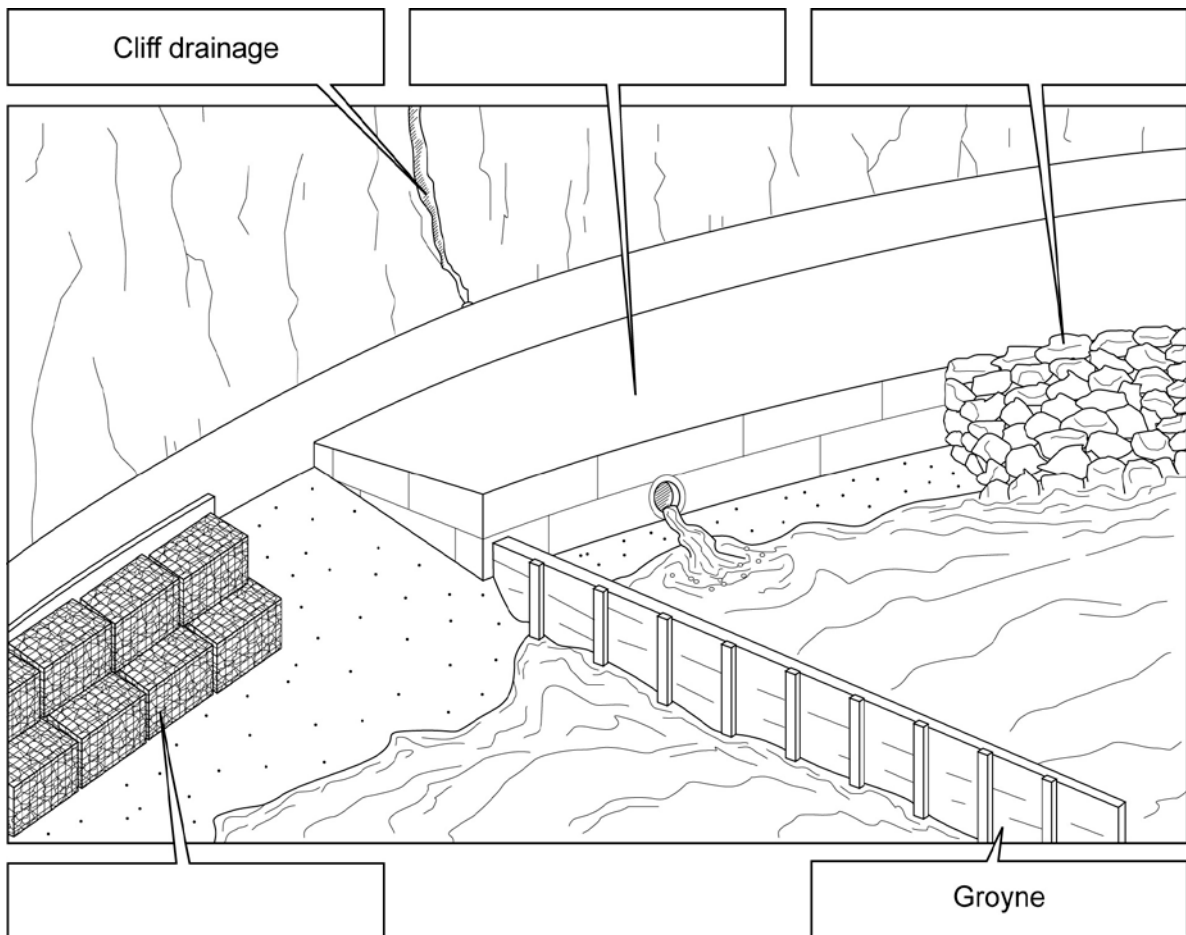
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1 (d) (ii) Study **Figure 3**. **Figure 3** shows a number of coastal engineering methods.

Complete the diagram below. Write the correct term in each box.

**gabions**      **rock armour**      **sea wall**      **tetrapods**

**Figure 3**



(3 marks)



1 (d) (iii) Explain how the following help to protect coastlines.

cliff drainage.....

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groynes.....

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(4 marks)

*Extra space*.....

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1 (e) Study **Figure 4** on the insert. **Figure 4** shows an example of managed retreat in a coastal area.

1 (e) (i) Explain how the method of managed retreat works.

Use **Figure 4** and your own knowledge.

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**Question 1 continues on the next page**



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(6 marks)

(Extra space) .....

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1 (e) (ii) Suggest **one** environmental advantage of managed retreat.

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(2 marks)





## The urban environment

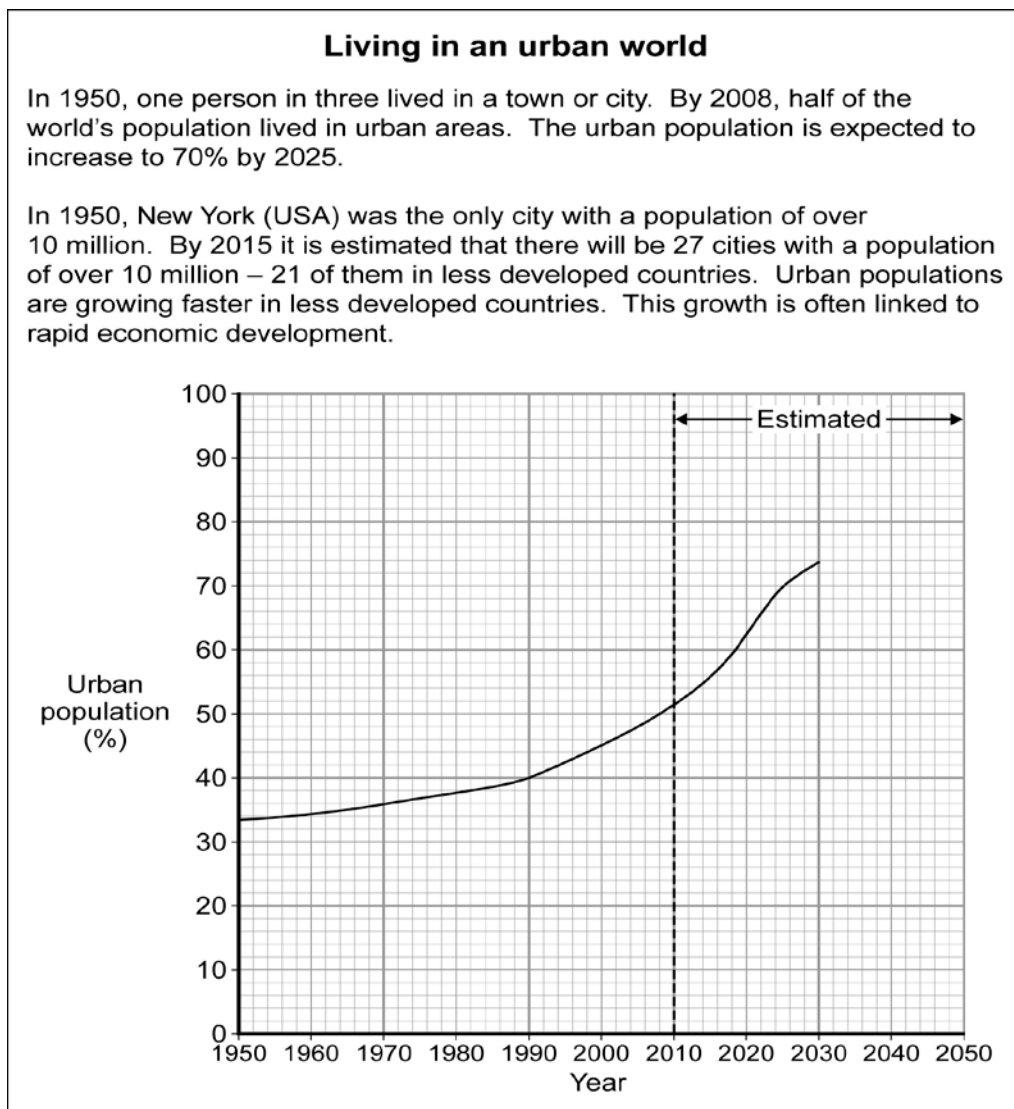
Answer **all** questions.

Use case studies to support your answers where appropriate.

**Total for this question: 43 marks**

- 2 (a)** Study **Figure 5**. **Figure 5** gives information about living in an urban world.

**Figure 5**



**Question 2 continues on the next page**



Barcode

2 (a) (i) Complete the graph in **Figure 5**. Use the information below.

**Estimated Urban Population**

**2040 = 75%**

**2050 = 78%**

(2 marks)

2 (a) (ii) What percentage of the world's population lived in urban areas in 1990?

.....%

(1 mark)

2 (a) (iii) Which is the period of most rapid percentage growth in urban population?

Circle the correct answer.

**1950 – 1990**

**1990 – 2020**

**2020 – 2050**

(1 mark)

2 (a) (iv) Complete the following paragraph.

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

**33%**

**increased**

**more developed**

**50%**

**decreased**

**less developed**

The world urban population has .....steadily in the last sixty years. By 2008 .....of the world's population lived in towns and cities and this figure is expected to increase to 70% by 2025. Most of this increase is in ..... countries where rates of urban growth are higher.

(3 marks)



Barcode

2 (b) (i) Give **one** reason, other than migration, why the urban population is increasing in less developed countries.

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(1 mark)

2 (b) (ii) Explain how urban areas in less developed countries provide opportunities for economic development.

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(6 marks)

SPaG (3 marks)

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**Question 2 continues on the next page**



Barcode

2 (c) Study **Figure 6**, an Ordnance Survey map extract showing the town of Shrewsbury.

2 (c) (i) Give the four figure grid reference for the information centre.

.....  
(1 mark)

2 (c) (ii) Suggest **two** reasons why parts of Shrewsbury are at risk of flooding.

Use evidence from the Ordnance Survey map extract, **Figure 6**.

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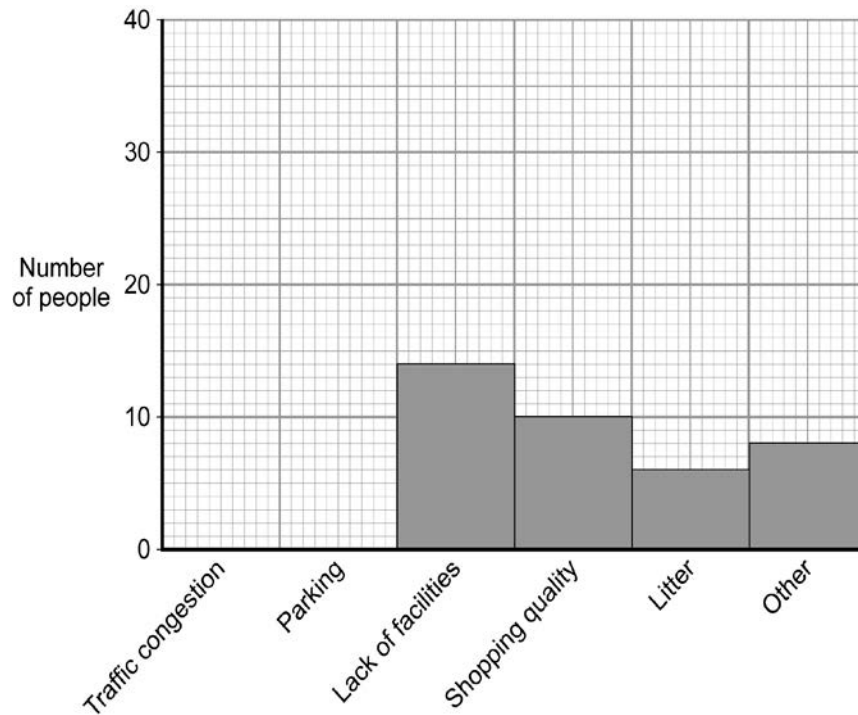
(4 marks)



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- 2 (d) One hundred people were asked what they thought was the main problem in Shrewsbury town centre.

The graph below shows the results of the survey.



Complete the graph. Use the information below.

**Traffic congestion = 38 people**

**Parking = 24 people**

(2 marks)

**Question 2 continues on the next page**



Barcode

2 (e) (i) Using **Figure 6**, the Ordnance Survey map extract, suggest **one** reason why there is traffic congestion in Shrewsbury town centre.

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(2 marks)

2 (e) (ii) How far is the ring road (A49/A5) from Shrewsbury town centre?  
Circle the answer.

**less than 2 km**                      **2 – 5 km**                      **more than 5 km**

(1 mark)

2 (e) (iii) What method of traffic management is shown in grid square 4513?

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(1 mark)

2 (f) Explain how traffic congestion could be reduced in town centres.  
Use an example(s) you have studied.

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(4 marks)



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**2 (g)** Study **Figure 7**, on the insert, information about a new settlement being built in Devon.

**2 (g) (i)** Complete the table below. Write the correct term next to each definition.

**recycling      carbon neutral      pedestrianisation      urban management**

<b>Term</b>	<b>Definition</b>
	making sure the town runs smoothly
	creating traffic-free areas
	a process where materials can be used again

*(3 marks)*

**2 (g) (ii)** What is a 'community settlement'?

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*(2 marks)*

**Question 2 continues on the next page**



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2 (g) (ii) Explain how planners are trying to ensure that Sherford is a sustainable settlement.

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(6 marks)

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**END OF QUESTIONS**





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