

## Section C Physical landscapes in the UK

Answer **two** questions from the following:

Question 3 (Coasts), Question 4 (Rivers), Question 5 (Glacial).

Shade the circle below to indicate which **two** optional questions you will answer.

Question **0 3** ☐

Question **0 4** ☐

Question **0 5** ☐

CORRECT METHOD ☒

WRONG METHODS

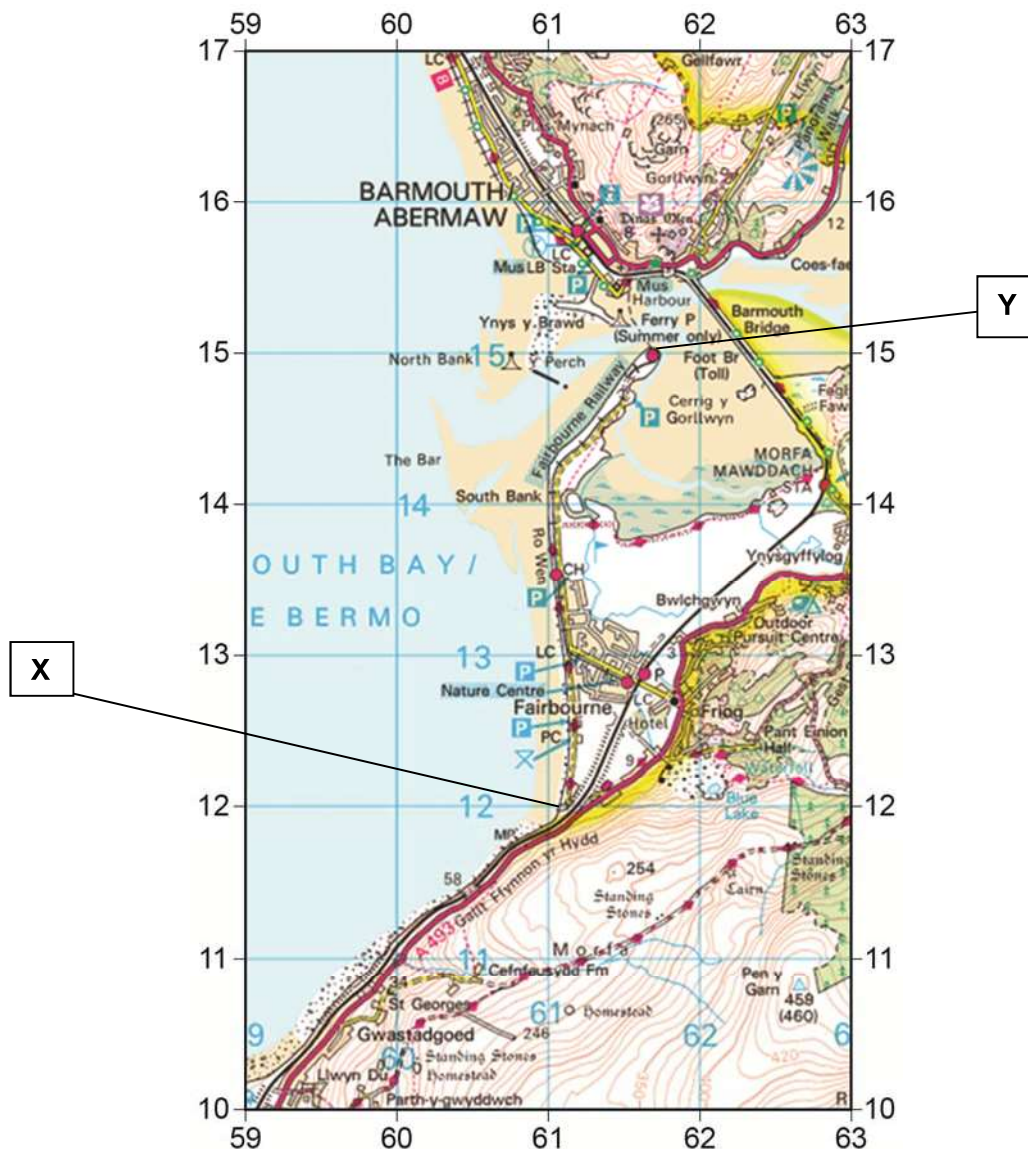


**0 3**

### Coastal landscapes in the UK

Study **Figure 10**, a 1:50 000 Ordnance Survey map of the Barmouth area.

**Figure 10**



Turn over ►

**0 3 . 1** Using **Figure 10**, give the 6 figure grid reference for a shingle beach.

Shade **one** circle only.

**[1 mark]**

**A** 616138 ☐

**B** 609138 ☐

**C** 596106 ☐

**D** 614147 ☐

**0 3 . 2** Using **Figure 10**, which of the following statements best describes the features of grid square 6016?

Shade **one** circle only.

**[1 mark]**

**A** An area of flat land, a small stream and a saltmarsh in the north. ☐

**B** A steep cliff, a road and railway, no buildings and narrow beach. ☐

**C** A long narrow piece of land, car park, railway and wide beach. ☐

**D** A beach with groynes, a small coastal settlement and an A road. ☐

**0 3 . 3** Using **Figure 10**, how long is the coastline between **X** (611120) and **Y** (617150)?

Shade **one** circle only.

**[1 mark]**

**A** 2.3 km ☐

**B** 2.7 km ☐

**C** 3.0 km ☐

**D** 3.4 km ☐

Study **Figure 11** a photograph of part of the coastline shown in **Figure 10**.

**Figure 11**



**0 3 . 4** Using **Figures 10 and 11**, in which direction was the photographer facing when the picture was taken?

Shade **one** circle only.

**[1 mark]**

**A** north east ☐

**B** north west ☐

**C** south west ☐

**D** south east ☐

**Turn over ►**

0	3	.	5
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Using **Figures 10 and 11**, suggest **one** reason why the area in grid squares 6014 and 6015 shows evidence of deposition.

**[1 mark]**

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0	3	.	6
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Feature **Z** labelled on **Figure 11** is a spit.

Explain the formation of a spit.

**[4 marks]**

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**0 3 . 7** 'Hard engineering strategies are effective in protecting the coastline.'

Do you agree with this statement?

Explain your answer.

**[6 marks]**

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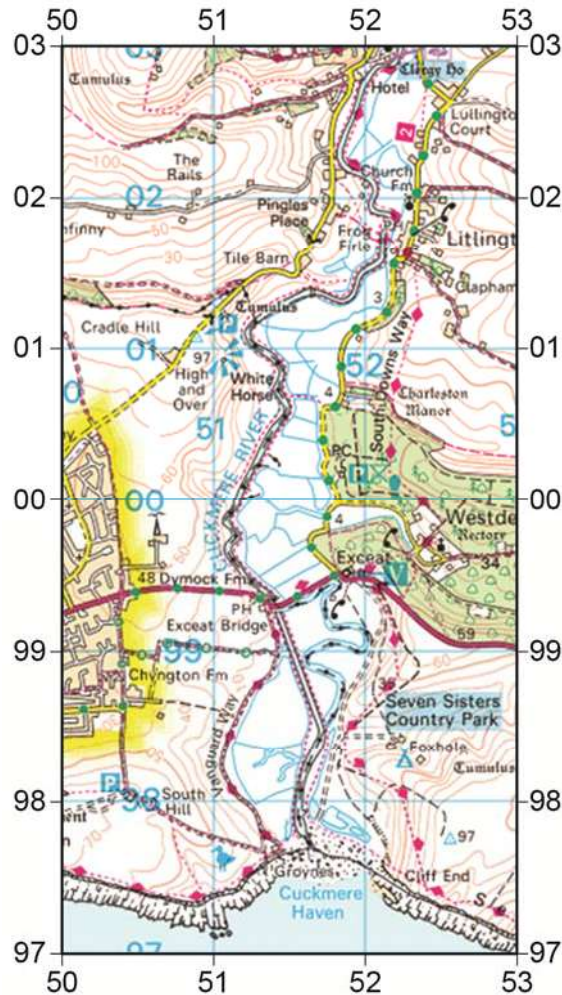
**Turn over for the next question**

**Turn over ►**

0 4

**River landscapes in the UK**

Study **Figure 12**, a 1:50 000 Ordnance Survey map of the River Cuckmere in Sussex.

**Figure 12**

0 4 . 1

Give the 6 figure grid reference of the mouth of the River Cuckmere.

Shade **one** circle only.

**[1 mark]**

- A 512983 ☐
- B 516977 ☐
- C 523974 ☐
- D 515985 ☐



**0 4 . 2** Using **Figure 12**, which grid square matches the following description?

‘There is a meandering river. Land is flat in the south, but it rises to 70 metres in the north west. Two secondary roads pass through the area.’

Shade **one** circle only.

**[1 mark]**

**A** 5297 ☐

**B** 5202 ☐

**C** 5101 ☐

**D** 5002 ☐

Study **Figure 13**, a photograph of the River Cuckmere and its valley.

**Figure 13**



**Question 4 continues on the next page**

**Turn over ►**

**0 4 . 3** Using **Figures 12 and 13**, give the grid reference of point **X** on **Figure 13**.

Shade **one** circle only.

**[1 mark]**

**A** 517985

☐

**B** 513993

☐

**C** 516989

☐

**D** 520991

☐

**0 4 . 4** Using **Figure 13**, describe **one** feature of the River Cuckmere where it reaches the sea at point **Y**.

**[1 mark]**

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**0 4 . 5** Using **Figures 12 and 13**, suggest why there is a straightened channel next to the natural river meander.

**[1 mark]**

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