



Oxford Cambridge and RSA

**Monday 23 May 2022 – Morning**

**GCSE (9–1) Geography A (Geographical Themes)**

**J383/01** Living in the UK Today

**Time allowed: 1 hour**



**You must have:**

- the Resource Booklet (inside this document)

**You can use:**

- a ruler (cm/mm)
- a scientific or graphical calculator



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

Last name

**INSTRUCTIONS**

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions.

**INFORMATION**

- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- Spelling, punctuation and grammar (SPaG) and the use of specialist terminology will be assessed in questions marked with a pencil (✎).
- This document has **12** pages.

**ADVICE**

- Read each question carefully before you start your answer.

Answer **all** the questions.

### Landscapes of the UK

- 1 (a) Which of the following terms is defined below?

'Large pebbles and boulders are rolled along the beach.'

- A** Saltation
- B** Solution
- C** Suspension
- D** Traction

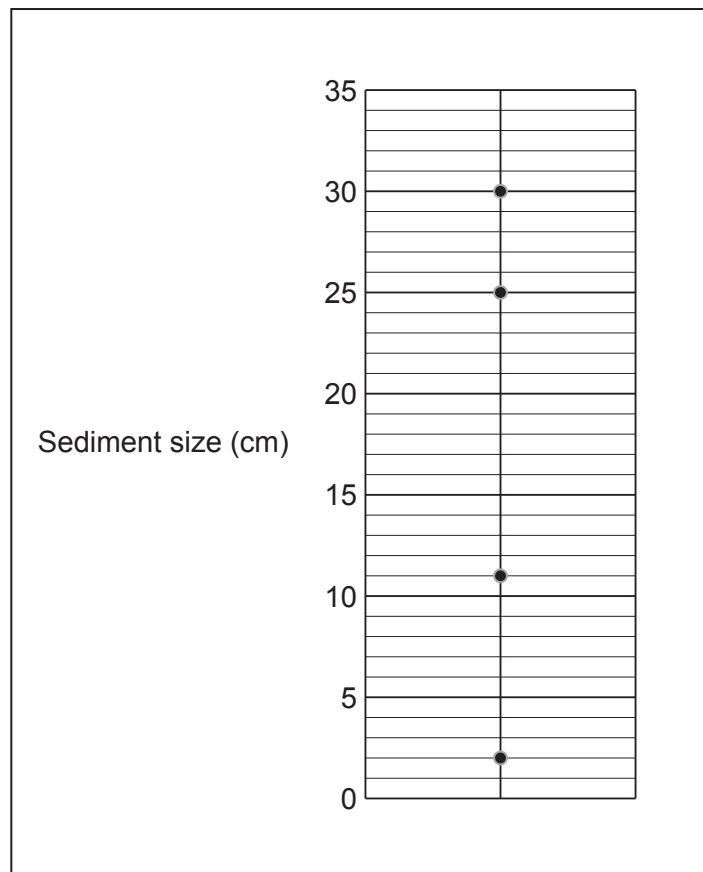
Write the correct letter in the box.

[1]

- (b) (i) Study the dispersion graph below. It shows the variation in sediment size on a beach.

Complete the graph using the data:

Sediment size (cm)
5



[1]

**(ii)** What is the median sediment size on the dispersion graph?

- |          |       |
|----------|-------|
| <b>A</b> | 2 cm  |
| <b>B</b> | 11 cm |
| <b>C</b> | 25 cm |
| <b>D</b> | 31 cm |

Write the correct letter in the box.

1

[1]

(iii) Identify **two** processes that erode sediment on the coast.

1 .....

[2]

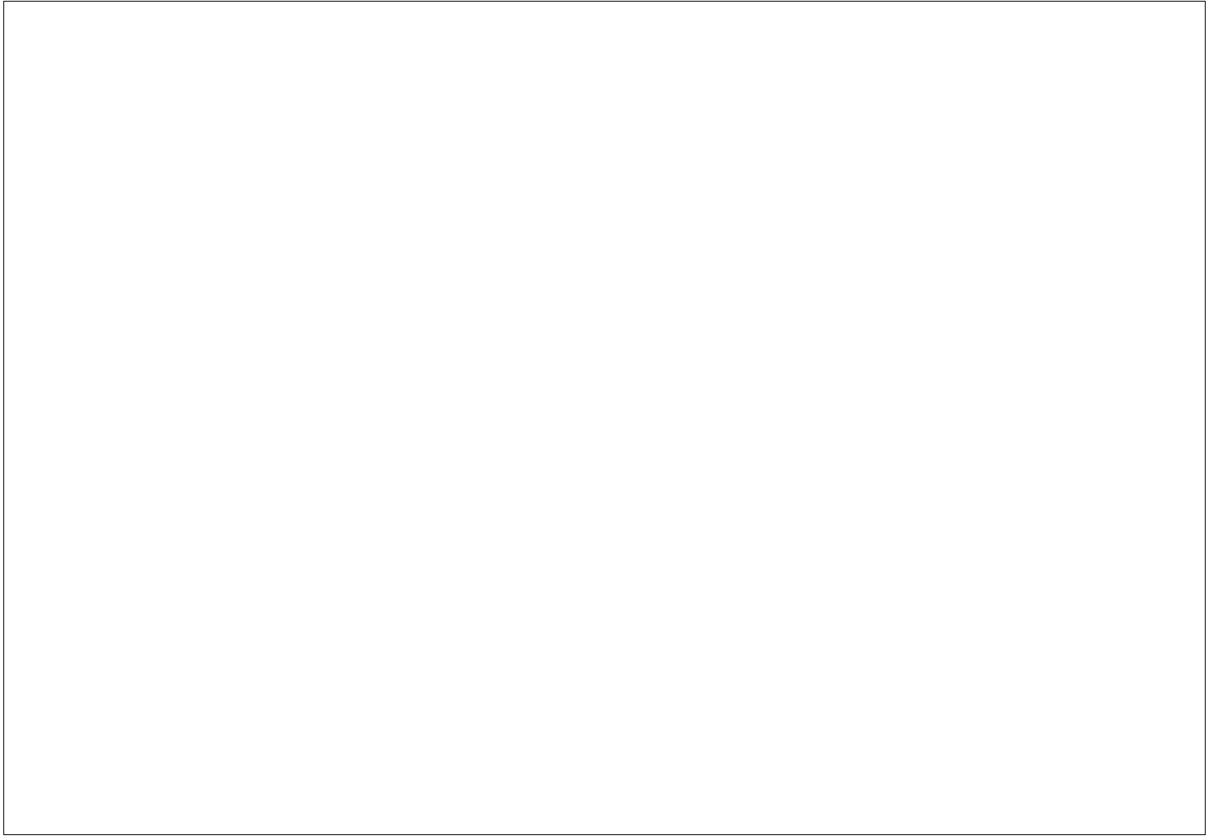
**(c)** Study **Fig. 1** in the separate Resource Booklet, which shows a photograph of a lowland landscape in the UK.

Describe the characteristics of the lowland landscape shown in the photograph.

..... [4]

[4]

(d) Explain how geomorphic processes form oxbow lakes. You may use a diagram.



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..... [4]

**(e) CASE STUDY – a UK coastal landscape**

Name of coastal landscape in the UK .....

Explain the impact of geology on your chosen coastal landscape.

[6]

## People of the UK

- 2 (a) Study the table below. It contains unemployment data for the UK in 2019.

Calculate the mean unemployment rate for the UK. You must show your working.

Country	Percentage unemployment (2019)
England	4.0%
Northern Ireland	2.9%
Scotland	3.2%
Wales	4.5%

..... % [2]

- (b) (i) Define the term 'immigration'.

.....  
 ..... [1]

- (ii) Explain **two** economic impacts of immigration.

1 .....  
 .....  
 .....  
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 .....  
 2 .....  
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 .....  
 ..... [4]

**(c) CASE STUDY – one major city in the UK**

Name of major UK city .....

Explain **two** ways in which your chosen city is connected to other places, such as its region, the country or the wider world.

1 .....

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2 .....

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**[4]**

(d)\* Study **Fig. 2** in the separate Resource Booklet, which shows a sphere of influence map of urban trends in Cambridge.

Using information from **Fig. 2** and your own understanding, examine the effects of **one or more** urban trends in the UK.

[8]



## UK Environmental Challenges

- 3 (a)** Study **Fig. 3** in the separate Resource Booklet, which shows a wind rose for Newquay Airport, Cornwall.

- (i)** Describe the pattern of wind direction as shown in **Fig. 3**.

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..... **[3]**

- (ii)** Study **Fig. 4** in the separate Resource Booklet, which shows the location of Newquay Airport.

Using **Figs. 3 and 4**, identify the air mass likely to occur most often at Newquay Airport.

- A** Arctic Maritime
- B** Polar Maritime
- C** Tropical Continental
- D** Tropical Maritime

Write the correct letter in the box.

**[1]**

- (b)** Explain the impacts of wind farms on environments in the UK.

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..... **[3]**



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