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

## J383/01 Living in the UK Today

### Sample Question Paper

## Date – Morning/Afternoon

Time allowed: 1 hour

**You must have:**

- the Resource Booklet

**You may use:**

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



<b>First name</b>																			
<b>Last name</b>																			
<b>Centre number</b>												<b>Candidate number</b>							

### INSTRUCTIONS

- Use black ink. You may use an HB pencil for graphs and diagrams.
- Complete the boxes above with your name, centre number and candidate number.
- Answer **all** the questions.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.
- The separate Resource Booklet will be found inside this document.

### INFORMATION

- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [ ].
- Quality of extended responses will be assessed in questions marked with an asterisk (\*).
- Spelling, punctuation and grammar and the use of specialist terminology (SPaG) will be assessed in questions marked with a pencil (✎).
- This document consists of **16** pages.

Answer **all** the questions.

### Landscapes of the UK

1 Use **Figs 1 and 2** in the separate Resource Booklet.

(a) Study **Fig. 1** which shows a relief map to show upland areas of the UK.

(i) Identify **two** features of the distribution of upland areas over 400m shown on the map.

1 .....

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2 .....

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[2]

(ii) Which **one** of the following is **not** likely to be located in an upland area of the UK?

- A Nuclear power station
- B Sheep farm
- C Ski resort
- D Water storage reservoir

Write the correct letter in the box.

[1]

(b) The table below names four processes of erosion which take place within a river basin. Use arrows to match each process of erosion with the correct description.

One has been done for you.

Process of erosion	Description
Abrasion	Pebbles and rocks collide with each other, reducing their size and making them smoother.
Attrition	A chemical reaction occurs when slightly acid water dissolves calcium to break down rocks such as limestone.
Solution	The power of moving water which is forced against river banks causing them to collapse and be washed away.
Hydraulic action	Small rocks carried by the river wear away the bed and banks of the river.

[2]

(c) Study **Fig. 2** which shows a photograph of an upland area in the UK.

(i) Describe how the landscape shown in **Fig. 2** is characteristic of an upland area.

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[3]

(ii) Explain the stages in the formation of a gorge.

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[3]

SPECIMEN

**(d)\* CASE STUDY – a UK coastal landscape**

Name of coastal landscape area in the UK

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Examine how far human activity has positively impacted the coastal landscape in your chosen area.

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**[8]**

SPECIMEN

### People of the UK

2 Use **Fig. 3** in the separate Resource Booklet.

(a) Study **Fig. 3** which shows a choropleth map of average life expectancy in regions of the UK.

(i) Which **one** of the following correctly ranks the regions shown in **Fig. 3** from highest to lowest average life expectancy?

	Highest average life expectancy <span style="float: right;">→</span> Lowest average life expectancy			
<b>A</b>	London	Yorkshire and The Humber	North East	West Midlands
<b>B</b>	South East	Yorkshire and The Humber	Northern Ireland	Scotland
<b>C</b>	South West	North West	Scotland	East Midlands
<b>D</b>	West Midlands	Wales	East	North East

Write the correct letter in the box.

[1]

(ii) Suggest **two** reasons for the regional variation in average life expectancy between London and Scotland, as shown in **Fig. 3**.

- 1 .....
- .....
- 2 .....
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[2]

(b) Explain how investment in infrastructure can lead to uneven development within the UK.

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[4]

(c) Explain **two** effects of an ageing population in the UK.

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[4]

SPECIMEN

(d) Discuss the social and economic impacts of immigration on the UK in the 21<sup>st</sup> century.

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[6]

SPECIMEN

### UK Environmental Challenges

3 Use **Figs 4** and **5** in the separate Resource Booklet.

(a) In 2010 Rochdale experienced a flood which caused chaos for local people.

Using **Fig. 4** an OS map extract in North West England, give **one** piece of evidence from the map which suggests that Rochdale could experience another flood?

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[1]

(b) **Case Study – a flood event in the UK caused by extreme weather conditions**

Name of UK flood event:

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Explain the effects of the UK flood event on people.

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[4]

(c) Study **Fig. 4** an OS map extract in North West England, which shows a wind farm.

(i) In which **one** of the following grid squares are wind turbines located?

- A 8216
- B 8217
- C 8417
- D 8517

Write the correct letter in the box.

[1]



(ii) Using **Fig. 4**, describe the relief of the land where the wind farm is located.

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[3]

(d)\* Study **Figs 5 and 6** in the separate Resource Booklet

Using **Figs 5 and 6** and your own knowledge and understanding, assess whether the sustainable management of energy has been successful at a local scale.

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**[12]**

 Spelling, punctuation and grammar and the use of specialist terminology **[3]**

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