



Oxford Cambridge and RSA

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

## J383/01 Living in the UK Today

### Tuesday 22 May 2018 – Afternoon

### Time allowed: 1 hour



**You must have:**

- the Resource Booklet (inserted)

**You may use:**

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



First name										
Last name										
Centre number						Candidate number				

#### INSTRUCTIONS

- The separate Resource Booklet will be found inside this document.
- 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, 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.

#### 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 **12** pages.

Answer **all** the questions.

**Landscapes of the UK**

1 (a) (i) Which of the following are characteristics of glaciated uplands?

- A Cold, wet climate with steep sided valleys.
- B Deep, fertile soils ideal for growing crops.
- C Flat landscape with layers of clay and gravel.
- D Little weathering due to dry, warm climate.

Write the correct letter in the box.  [1]

(ii) Study **Fig. 1** which shows the area of the UK covered by an ice sheet about 18 000 years ago.

Which of the following areas was **not** covered by the ice sheet?

- A Central Wales
- B Northern Ireland
- C South East England
- D Southern Scotland

Write the correct letter in the box.  [1]

(b) Study **Fig. 2** which shows a photograph of Blakeney Point spit.

(i) Describe the characteristics of the spit in the photograph.

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..... [2]







People of the UK

2 (a) Study Fig. 3 which shows superfast broadband coverage in the UK in 2014.

Describe the pattern of superfast broadband coverage shown in Fig. 3.

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..... [3]

(b) Study Fig. 4 which shows demographic transition in the UK.

(i) In which year was the birth rate 16 births per 1000 population?

..... [1]

(ii) In which stage was the birth rate 20 births per 1000 population?

- A Stage 1
- B Stage 2
- C Stage 3
- D Stage 4

Write the correct letter in the box.

[1]

(iii) Explain the responses to an ageing population in the UK.

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..... [4]



**UK Environmental Challenges**

- 3 (a) (i) The table below shows **four** air masses that influence the weather in the UK. Use arrows to match each air mass to the correct description.

One has been done for you.

Air mass	Description
Polar maritime	In winter it brings very cold, dry air. It can cause snow showers in the east of the UK.
Tropical continental	It can bring heatwaves to the UK in summer and fine, mild weather in winter.
Polar continental	Warm, moist air brings mild weather in winter.
Tropical maritime	Cold air collects moisture over the sea resulting in cold, showery weather.

[2]

- (ii) Explain how continentality influences the weather in the UK.

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..... [2]

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

Name of UK flood event:

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Explain **two** causes of the UK flood event.

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..... [4]



(c) Study **Fig. 5** which shows energy sources used to produce electricity in the UK in 2009 and 2020 (predicted).

(i) Define the term renewable energy.

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..... [1]

(ii) Give the predicted decrease in the use of gas between 2009 and 2020.

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(iii) Suggest **two** reasons to explain the changing contribution of gas in the UK between 2009 and 2020.

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..... [2]



**ADDITIONAL ANSWER SPACE**

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

A large area of lined paper for writing. It features a vertical solid line on the left side, creating a margin. The rest of the page is filled with horizontal dotted lines, providing space for writing answers.

