



Oxford Cambridge and RSA

**Wednesday 17 November 2021 – Afternoon**

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

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

**Time allowed: 1 hour**



**You must have:**

- the Resource Booklet

**You can use:**

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



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)

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Last name

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**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 you should 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) Lowland landscapes are often used for growing crops. Which of the statements below explains why?

- A The land is very rocky
- B They have deep, fertile soils
- C They have shallow, poor quality soils
- D They have steep slopes

Write the correct letter in the box.

**[1]**

- (b) (i) Explain how sediment is transported along a coastline.

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..... **[4]**

- (ii) Explain how bays are formed in a coastal landscape. You may use a diagram.



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..... [4]

**(c)\* CASE STUDY – a UK river basin**

Name of UK river basin: .....

Evaluate the impact of geomorphic processes in the formation of landforms in your chosen river basin. **[12]**

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

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### People of the UK

- 2 (a) Study the table below. It shows the number of immigrants entering the UK from other countries.

| Year ending | Number of immigrants |
|-------------|----------------------|
| June 2014   | 574 000              |
| June 2015   | 639 000              |
| June 2016   | 652 000              |
| June 2017   | 599 000              |
| June 2018   | 628 000              |

- (i) What was the **mean** number of immigrants entering the UK between June 2014 and June 2018?

- A** 65 000  
**B** 601 000  
**C** 618 400  
**D** 628 000

Write the correct letter in the box.

[1]

- (ii) Identify **two** pull factors which cause people to migrate to the UK.

1 .....

2 ..... [2]

- (iii) Explain **one** social impact of immigration into the UK.

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..... [2]

- (b) Study **Fig. 1** in the separate Resource Booklet, which shows the route of the Edinburgh tram network.

Suggest how the route of the Edinburgh tram network benefits the city.

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..... [3]

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

Name of major UK city: .....

Explain **one** contemporary challenge facing the city.

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**UK Environmental Challenges**

- 3 (a) (i) Study **Fig. 2** in the separate Resource Booklet, which shows a map of major water transfer schemes in England and Wales.

Identify **two** reservoirs that supply Manchester with water.

- A** Grafham Water and Rutland Water
- B** Haweswater and Thirlmere
- C** Longdendale Reservoirs and Derwent Group
- D** Vyrnwy and Thirlmere

Write the correct letter in the box.

[1]

- (ii) Study **Fig. 3** in the separate Resource Booklet, which shows water transfer schemes in the UK.

Using **Fig. 3**, suggest **two** impacts of water transfer schemes on ecosystems.

1 .....

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2 .....

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[2]

- (b) (i) Study the table below. It shows the energy generated by UK wind farms.

| Year | Electricity generated by wind power<br>(terawatt hours) |
|------|---------------------------------------------------------|
| 2004 | 0.2                                                     |
| 2005 | 0.4                                                     |
| 2006 | 0.7                                                     |
| 2007 | 0.8                                                     |
| 2008 | 1.3                                                     |
| 2009 | 1.8                                                     |
| 2010 | 3.1                                                     |
| 2011 | 5.1                                                     |
| 2012 | 7.6                                                     |
| 2013 | 11.5                                                    |
| 2014 | 16.8                                                    |
| 2015 | 17.4                                                    |

Calculate the value of the upper quartile of the data. You must show your working out.

..... Terawatt hours [3]

- (ii) Identify **one** suitable graph to present the information shown in the table above and justify your choice.

Type of graph .....

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..... [2]

(iii) State **two** impacts of renewable energy on the environment.

1 .....

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2 .....

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[2]

(c) Examine whether wind energy or fracking should play a greater role in the UK's future energy supply.

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**END OF QUESTION PAPER**

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