

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Wednesday 17 November 2021 – Afternoon

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

J383/01 Living in the UK Today

Time allowed: 1 hour

plus your additional time allowance

YOU MUST HAVE:
the Resource Booklet

YOU CAN USE:
a scientific or graphical calculator
a ruler (cm/mm)

Please write clearly in black ink.

Centre number

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Candidate number

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First name(s) _____

Last name _____

READ INSTRUCTIONS OVERLEAF



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 (✎).

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? [1]

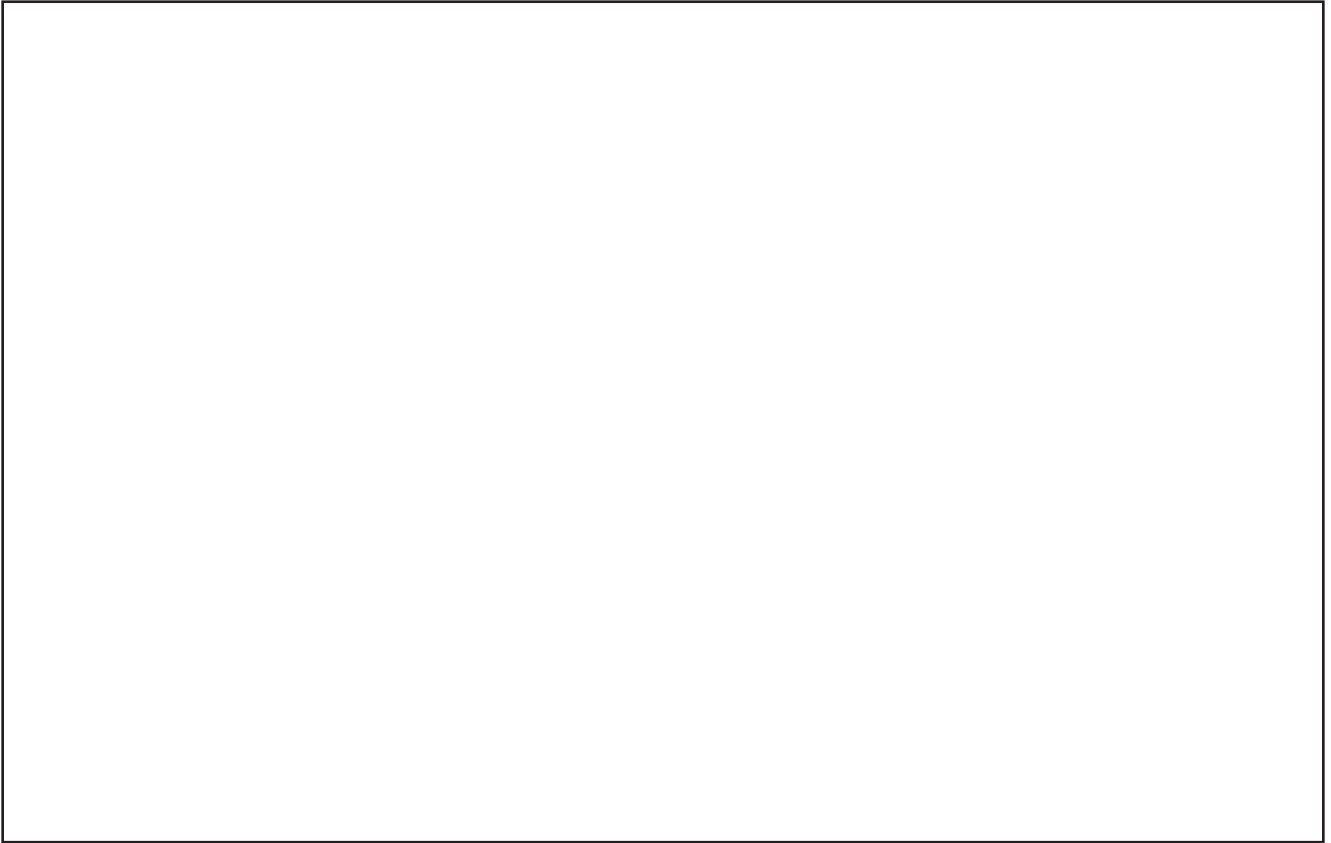
- A The land is very rocky**
- B They have deep, fertile soils**
- C They have shallow, poor quality soils**
- D They have steep slopes**

Write the correct letter in the box.

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

[4]

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



[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]

[illegible]

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? [1]

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

Write the correct letter in the box.

- (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.

[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.

[3]

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

Name of major UK city: _____

Explain ONE contemporary challenge facing the city.

[4]

- (d) The causes of uneven development in the UK include geographical location, economic change, infrastructure and government policy.**

Analyse the impact of TWO of these causes on the development of the UK.

[6]

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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. [1]

- 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.

- (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 _____

2 _____

[2]

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

Year	Electricity generated by wind power (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 on page 14 and justify your choice.

Type of graph _____

_____ [2]

- (iii) State TWO impacts of renewable energy on the environment.

1 _____

2 _____

_____ [2]

- (c) Examine whether wind energy or fracking should play a greater role in the UK's future energy supply. [8]

END OF QUESTION PAPER

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).

[illegible]



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