

# Friday 17 May 2024 – Afternoon

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

J383/01 Living in the UK Today

Time	343H.	312122	21	7	$110^{-14}$ 31	
alime	аш	owe	0 57	Fig. 1	поыг	

#### You must have:

- the Resource Booklet (inside this document)
- OS Map (inside this document)

#### You can use:

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



 $56\ 319756\$ 

56 319756 319756 319756 319756 319756 319756 319756 319756 319756 56 319756 319 16 319756

566 319756 319756 319766 31975

56 31976 319765 31976 319756 3

56 319756

Please write clearly in black ink. <b>Do not write in the barcodes</b> .								
Centre number					Candidate number			
First name(s)								
Last name								

56 319<sub>756</sub>

56 319756

#### **INSTRUCTIONS**

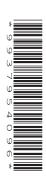
- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space you should use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer all the questions.

#### **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 ( $\mathscr{P}$ ).
- This document has 12 pages.

#### **ADVICE**

· Read each question carefully before you start your answer.



## Landscapes of the UK

1 (a) (i)	Which type of geomorphic process is <b>slumping</b> ?
	<ul> <li>A erosion</li> <li>B mass movement</li> <li>C transport</li> <li>D weathering</li> </ul>
	Write the correct letter in the box. [1]
(ii)	Describe the geomorphic process of <b>traction</b> .
	[3]
(iii)	Explain why <b>deposition</b> occurs in a river channel.
	[17]

# CASE STUDY A UK river basin

	Name of UK river basin:
(b)*	'Human activities have negative impacts on your chosen river basin.'
	To what extent do you agree?
	[12]

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

## People of the UK

2 (a)	Look at <b>Fig. 1</b> in the Resource Booklet.	
(i)	Identify <b>one</b> difference between the population of Cornwall and the population of the UK.	
(ii)	Calculate the total percentage of <b>females</b> in Cornwall aged 0–20.	
(")	calculate the total percentage of <b>remaies</b> in communicacy of the control of the	% [1]
(iii)	Suggest two impacts of Cornwall's population structure.	
	1	
		[2]
(b) (i)	Since the year 1900, there has been an overall decline in the birth rate in the UK.  Explain <b>one</b> reason why.	
		[21

(	(ii)	The UK	has an	ageing	population.
٨	,	THE OIL	nas an	agenig	population.

Which of the statements below is a reason why?

- A good medical care
- **B** higher death rates
- **C** higher infant mortality
- **D** lower life expectancy

Write the correct letter in the box.		[1]
--------------------------------------	--	-----

### (c) Look at the table below.

It shows the average weekly income per person by UK region in 2021.

UK region	Average weekly income per person in 2021 (£)
East Midlands	573
East of England	629
London	728
North East	587
North West	578
Northern Ireland	575
Scotland	622
South East	660
South West	577
Wales	571
West Midlands	582
Yorkshire and the Humber	569

(i) Calculate the **median** in the average weekly income per person in 2021.

You **must** show your working.

£			[2]

© OCR 2024 Turn over

### **CASE STUDY**

# Consequences of economic growth and/or decline in a place or region

	Name of UK place or region:
(ii)	Explain <b>two</b> consequences of economic growth and/or decline in your chosen place or region.
	1
	2
	[4]
	Look at Fig. 2a and Fig. 2b in the Resource Booklet.
	Development can be affected by geographical location, economic change, infrastructure and government policy.
(d)*	Using evidence from <b>Fig. 2a</b> and <b>Fig. 2b</b> and your own understanding, analyse the reasons for development in places such as Exeter.
	[6]

## **UK Environmental Challenges**

3 (a)	Explain how the North Atlantic Drift affects the UK's weather in winter.
	[3]
(b)	Look at the <b>OS Map</b> .
(i)	What is the total length of the buildings at Hinkley Point Power Stations measured from east to west?
	<b>A</b> 0.5 km <b>B</b> 1 km
	C 2 km D 3 km
	Write the correct letter in the box. [1]
(ii)	Give the <b>four-figure</b> grid reference for the location of Little Dowden's Farm.
	[1]
(iii)	What is the highest point above sea level in grid square 1844?
	metres [1]
(iv)	Suggest why Hinkley Point was chosen as a site for generating nuclear power.
	[2]

(c)	State <b>three</b> ways in which the UK's energy supply is likely to change in the future.	
	1	
	2	
	3	
		[3]
(d)	Examine the <b>success</b> of sustainable energy strategies in the UK.	
		[8]

### **END OF QUESTION PAPER**

### **EXTRA ANSWER SPACE**

If you need extra space use these lined pages. You must write the question numbers clearly in the margin.						

• • • • • • • • • • • • • • • • • • • •	
•••••	


 1	 	



#### **Copyright Information**

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download from our public website (www.ocr.org.uk) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact The OCR Copyright Team, The Triangle Building, Shaftesbury Road, Cambridge CB2 8EA.

OCR is part of Cambridge University Press & Assessment, which is itself a department of the University of Cambridge.