OCR
Oxford Cambridge and RSA

Monday 22 May 2023 – 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 (inside this document)

You can use:
- a ruler (cm/mm)
- a scientific or graphical calculator

Please write clearly in black ink. **Do not write in the barcodes.**

Centre number | | | | | | Candidate number | | | | |

First name(s) _____

Last name _____

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.

Landscapes of the UK

1 (a) (i) Look at **Fig. 1** in the Resource Booklet, which shows a landscape at Carding Mill, Shropshire.

Describe how the landscape shown in **Fig. 1** is characteristic of an upland environment.

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..... **[2]**

(ii) Define the term **biological weathering**.

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..... **[2]**

(b) Explain how different types of **erosion** affect river channels.

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

(c)* CASE STUDY

A UK coastal landscape

Name of coastal landscape area in the UK .....

Evaluate the impact of geomorphic processes on the **formation** of landforms in your chosen coastal landscape. **[12]**

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

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People of the UK

2 (a) (i) Look at **Fig. 2** in the Resource Booklet, a pictogram showing the average number of cars entering a city at 9:00 am on one day.

How many cars enter the city by the A24?

A 140
B 1200
C 1400
D 2000

Write the correct letter in the box. ☐ **[1]**

(ii) What is the **range** of the number of cars entering the city by the routes shown in **Fig. 2**?

A 1200
B 1300
C 1400
D 1500

Write the correct letter in the box. ☐ **[1]**

(iii) Suggest **two** sustainable strategies to overcome one or more challenges in cities.

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2 .....

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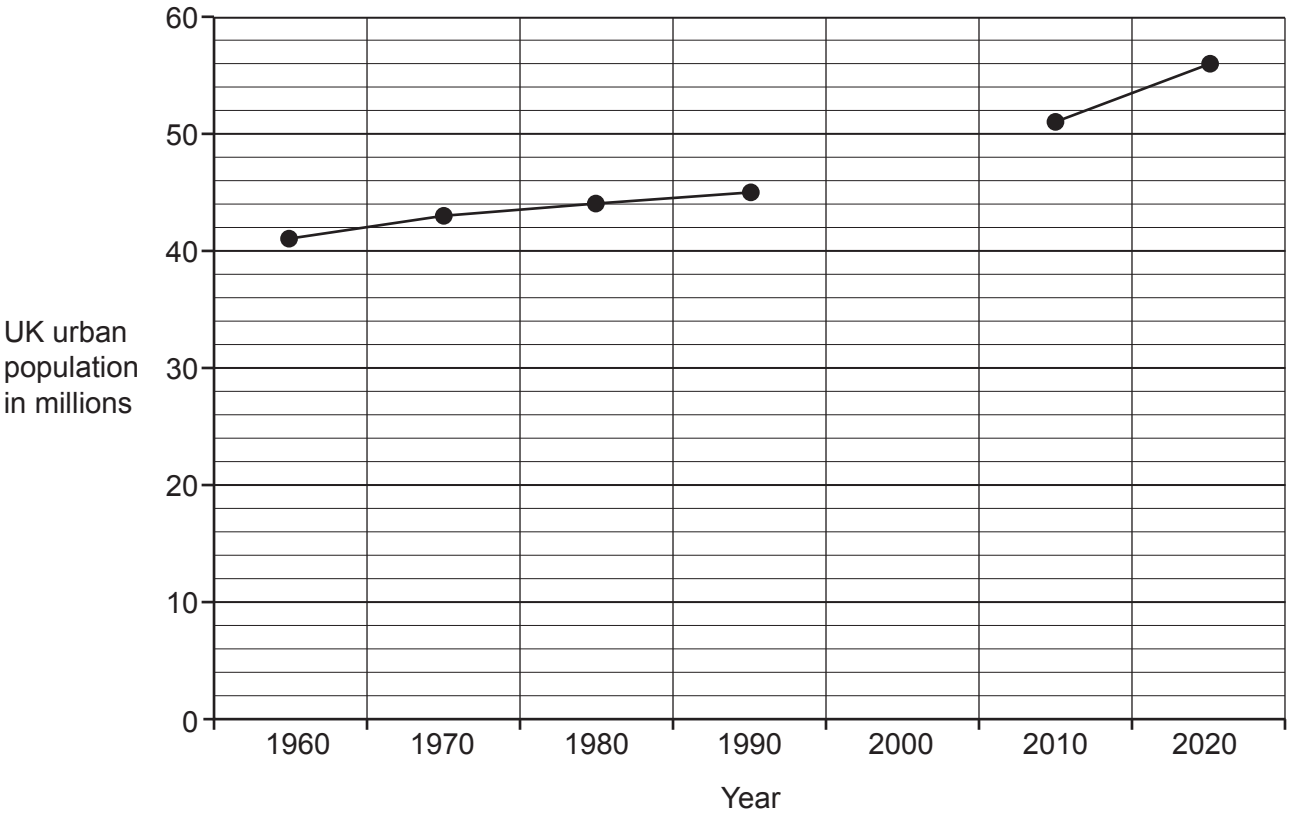
[4]

(b) The line graph below shows changes in the UK's urban population from 1960 to 2020.



(i) Use the data from the table below to complete the graph.

Year	Urban population
2000	46 million

[1]

(ii) Suburbanisation occurs towards the edges of cities.

Which of the following is an **advantage** for the people who live there?

A It is easy to commute to the city centre
B There is a high crime rate
C There are a lot of derelict buildings
D There is high unemployment

Write the correct letter in the box. ☐ **[1]**

(iii) Explain **two** consequences of suburbanisation.

1 .....

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[4]

(c) CASE STUDY

Major city in the UK

Name of major UK city: .....

A city's character is influenced by the culture, ethnicity and leisure activities of its population.

Explain how **one or more** influences, such as those stated above, have impacted on the character of your chosen city.

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UK Environmental Challenges

3 (a) (i) State **three** ways in which environments and ecosystems are **modified** by reservoirs.

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3 .....

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[3]

(ii) Look at **Fig. 3** in the Resource Booklet, which shows the impacts of commercial fishing.

Using information from **Fig. 3**, suggest impacts of commercial fishing on the environment.

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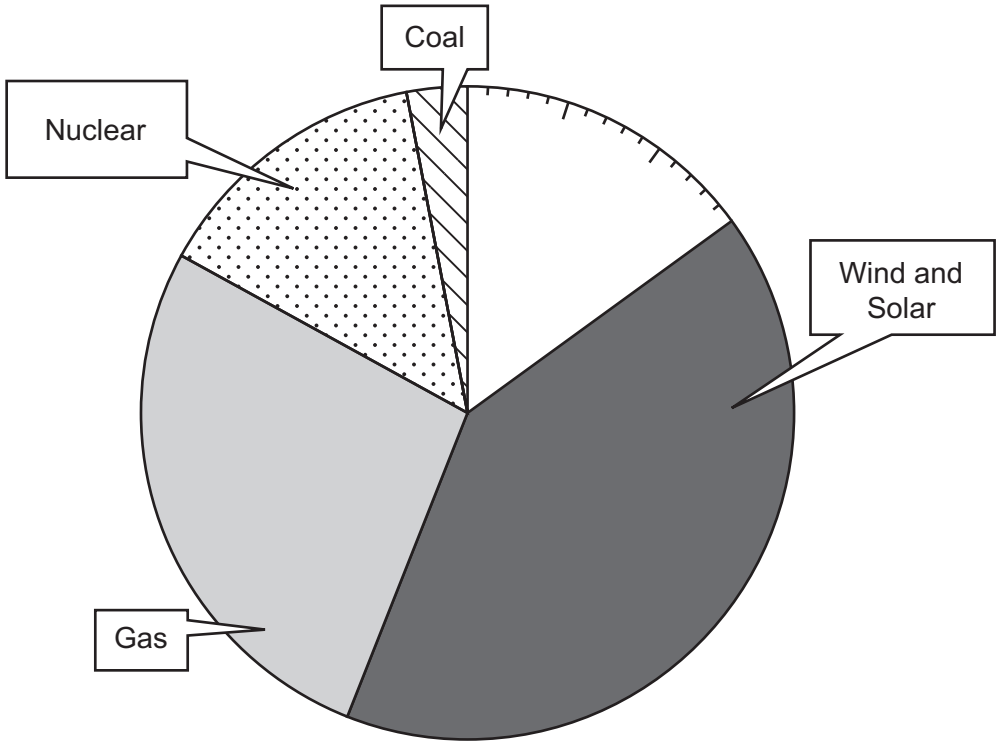
..... **[4]**

(b) The pie chart below shows how electricity was generated in the UK in 2020.



(i) Use the data from the table below to **complete** the pie chart.

Type of energy	% of UK energy generation (2020)	Shading
Biofuel	9%	
Imported Fuel	6%	

[2]

(ii) In the year 2000, the amount of energy produced using gas was 145 Terrawatt hours. By 2019, this had decreased to 130 Terrawatt hours.

Calculate the percentage **decrease** in gas used to produce energy between 2000 and 2019.

Give your answer to **two** decimal places.

You **must** show your working.

..... % **[2]**

(c)* ‘Environmental factors are **more important** than political factors in affecting the UK’s future energy supply.’

To what extent do you agree?

.... **[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).