

GCSE (9–1) Geography A (Geographical Themes) J383/01 Living in the UK today Sample Resource Booklet

Version 1.2

Time allowed: 1 hour

INSTRUCTIONS

- Do not send this Resource Booklet for marking. Keep it in the centre or recycle it.

INFORMATION

- This document has **12** pages.

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Fig 1

Relief map to show upland areas of the UK

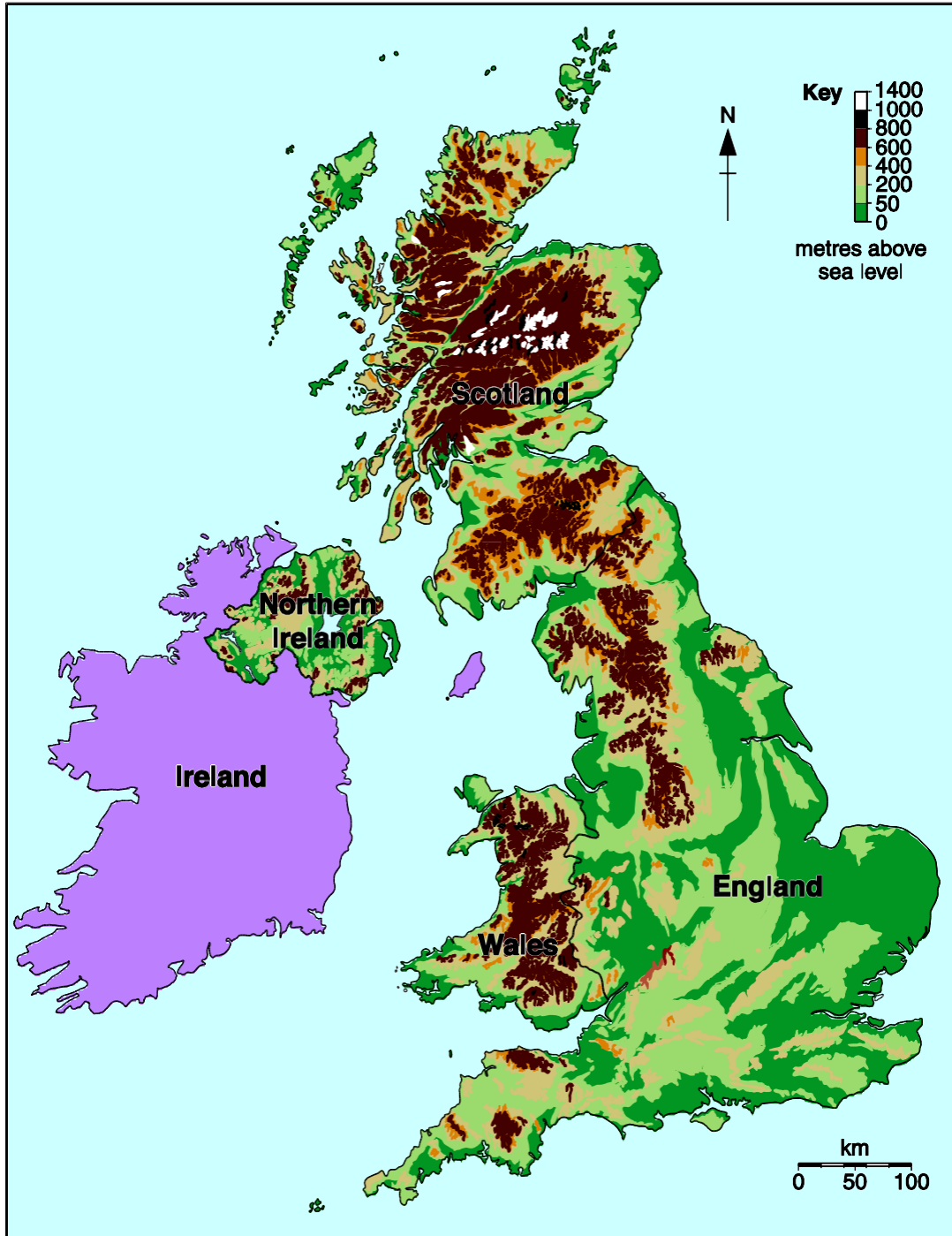


Fig. 2

Photograph of an upland area in the UK



Fig. 3

Choropleth map of average life expectancy in regions of the – UK

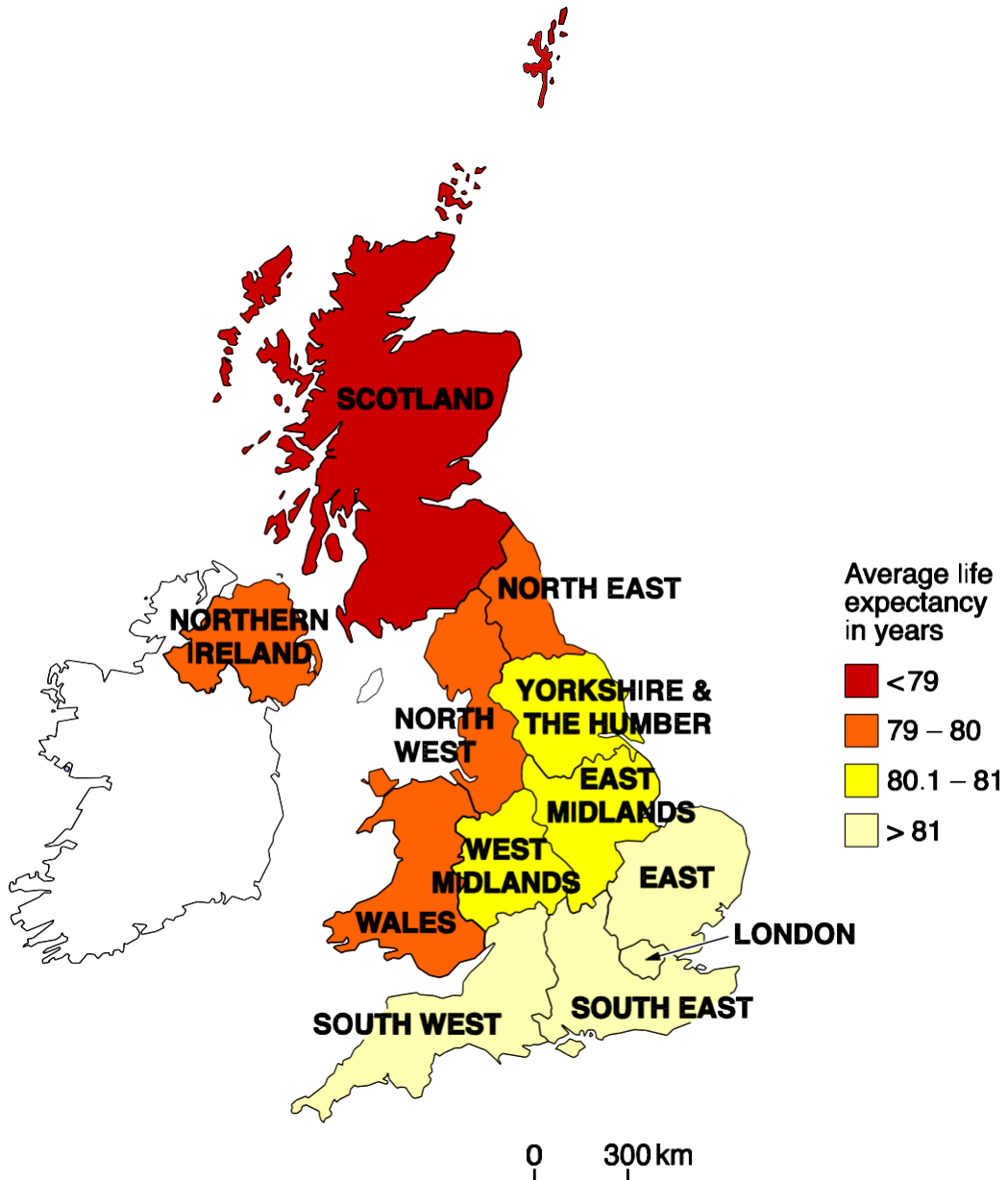


Fig. 4
OS Map Extract in North West England

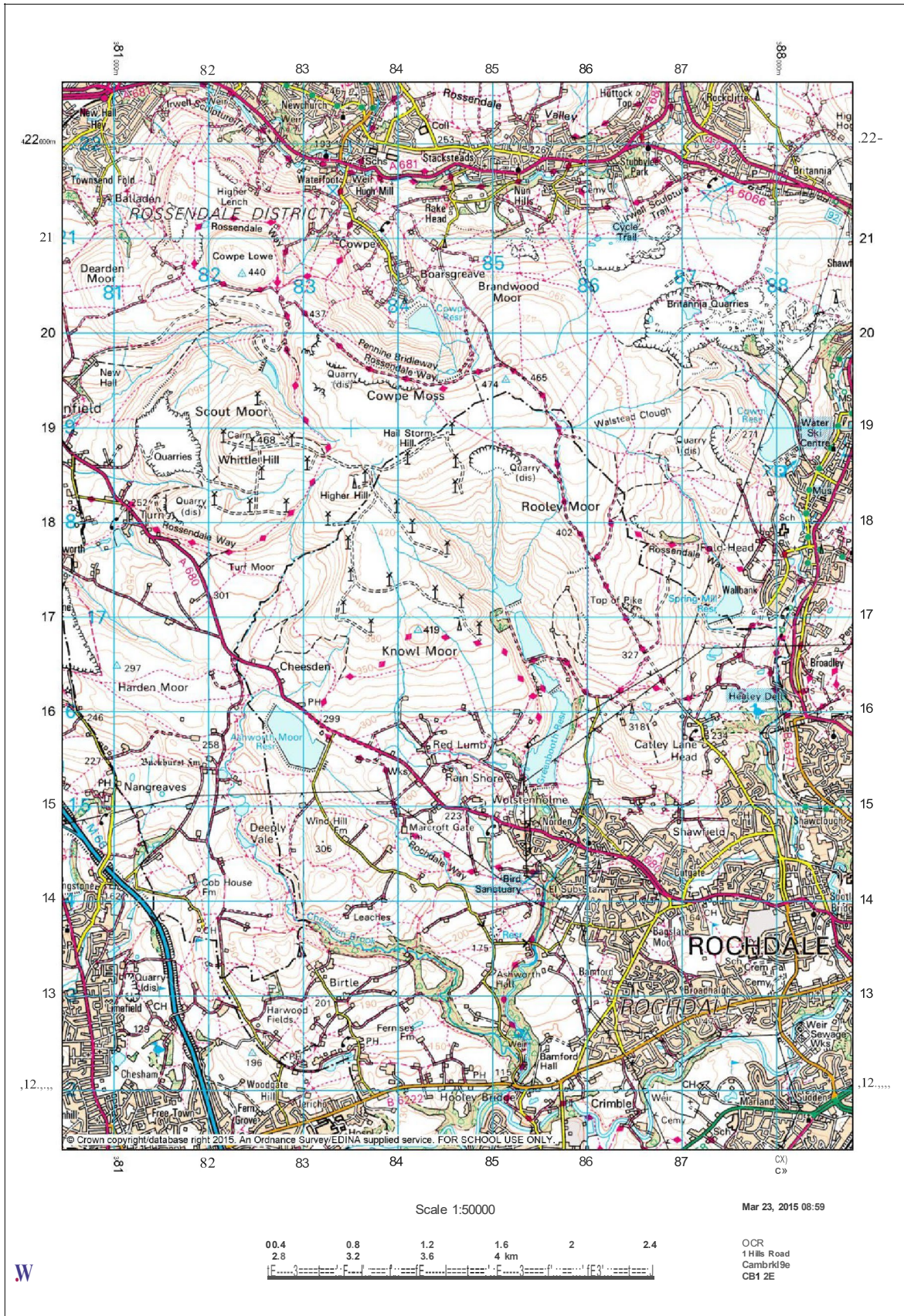


Fig. 5

Carbon dioxide emissions compared to wind turbines used to power homes

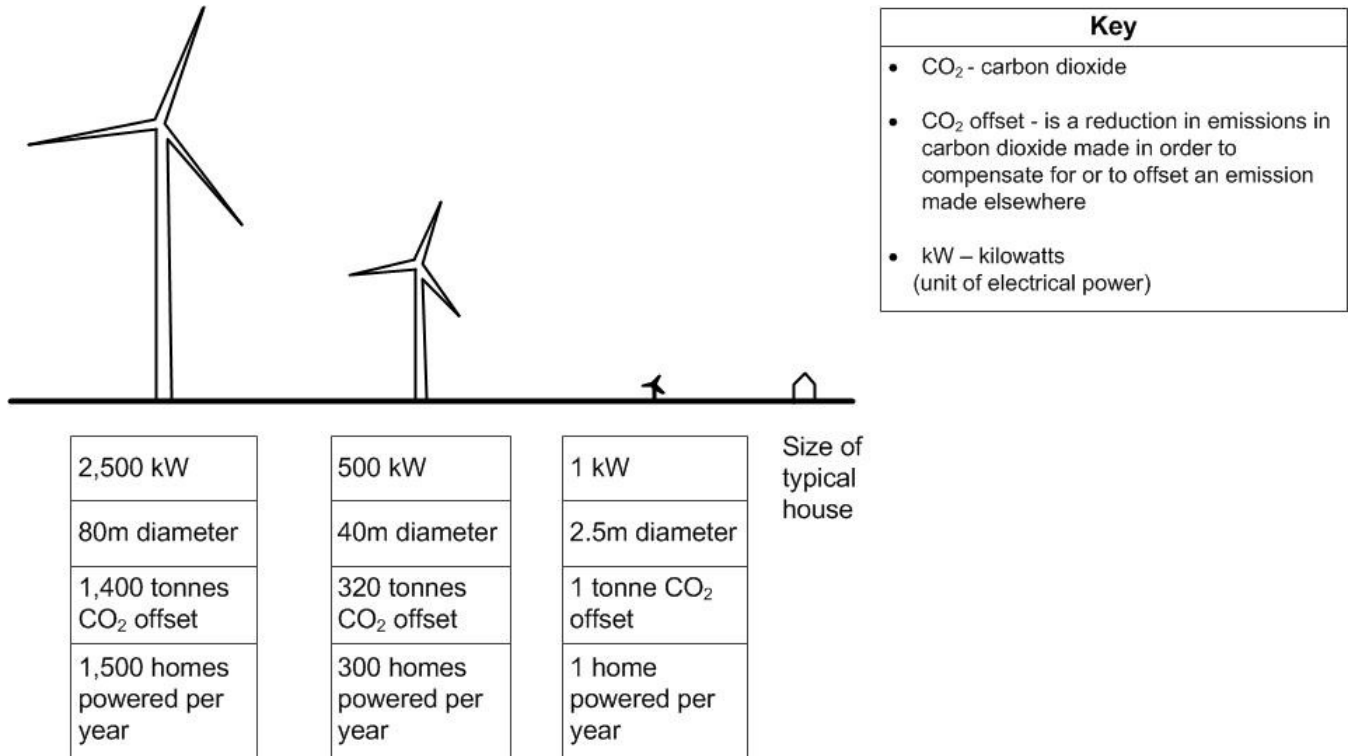
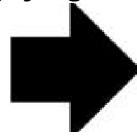


Fig. 6
Community energy system supplying 1500 homes

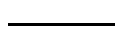
1MW

Town centre

Biomass CHP

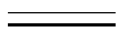


Renewable heat from biomass

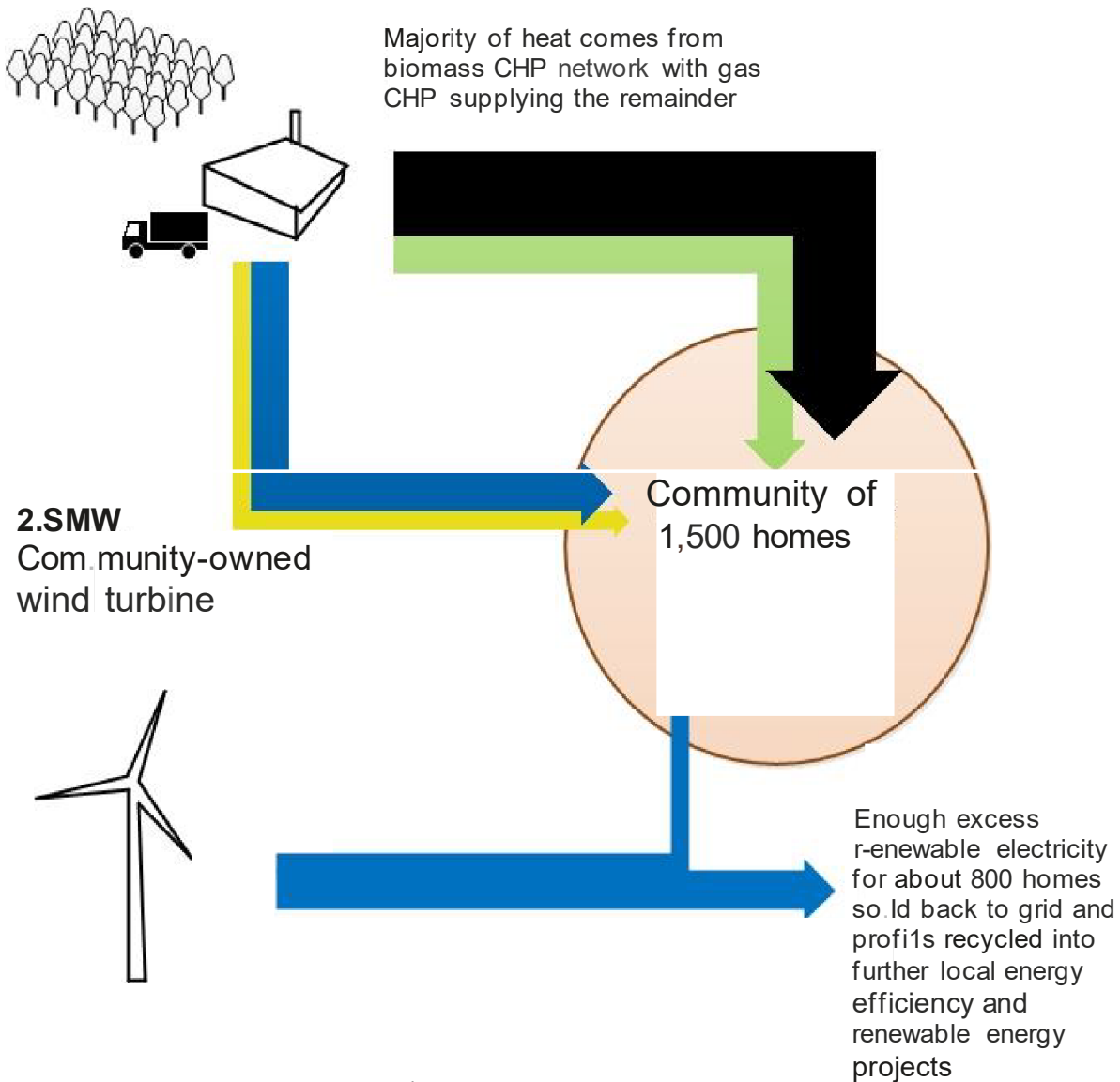


Heat from gas

Renewable energy from biomass and wind



Energy from gas



Key	
•	CHP - Combined heat and power
•	MW- Megawatt (unit of electrical power)
•	1MW 1,000kW

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Summary of updates

Date	Version	Details
July 2021	1.1	Updated copyright acknowledgements.
January 2024	1.2	Updated as part of accessibility improvements.

Copyright Information:

Fig. 2: © © Mark Sunderland Photography. Reproduced by permission of Mark Sunderland, www.marksunderland.com

Fig. 4: OS map extract of North West England © Crown copyright (2015) Ordnance Survey (100043707)

Fig. 5: Image from The Town and Country Planning Association (TCPA), Sustainable Energy by Design, p38.

Fig. 6: Image from The Town and Country Planning Association (TCPA), Sustainable Energy by Design, p32.

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**GCSE (9–1) Geography A
(Geographical Themes)
J383/01 Living in the UK Today
Sample Question Paper**

Date – Morning/Afternoon

Time allowed: 1 hour



You must have:

- the Resource Booklet (inside this document)

You may use:

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




First name																					
Last name																					
Centre number												Candidate number									

INSTRUCTIONS

- Use black ink. You may use an HB pencil 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 number(s) 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 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 has **16** pages.

ADVICE

- Read each question carefully before you start your answer.

Landscapes of the UK

1

(a) Look at **Fig. 1** in the Resource Booklet.

(i) Identify **two** features of the distribution of upland areas over 400m shown on the map.

1

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2

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[2]

(ii) Which **one** of the following is **not** likely to be located in an upland area of the UK?

- A Nuclear power station
- B Sheep farm
- C Ski resort
- D Water storage reservoir

Write the correct letter in the box.

[1]

(b) The table below names four processes of erosion which take place within a river basin. Use arrows to match each process of erosion with the correct description.

One has been done for you.

Process of erosion	Description
Abrasion	Pebbles and rocks collide with each other, reducing their size and making them smoother.
Attrition	A chemical reaction occurs when slightly acid water dissolves calcium to break down rocks such as limestone.
Solution	The power of moving water which is forced against river banks causing them to collapse and be washed away.
Hydraulic action	Small rocks carried by the river wear away the bed and banks of the river.

[2]

(c) Look at **Fig. 2** in the Resource Booklet.

(i) Describe how the landscape in **Fig. 2** is characteristic of an upland area.

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[3]

(ii) Explain the stages in the formation of a gorge.

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[3]

People of the UK

2

(a) Look at **Fig. 3** in the Resource Booklet.

(i) Which **one** of the following correctly ranks the regions shown in **Fig. 3** from highest to lowest average life expectancy?

	Highest average life expectancy → Lowest average life expectancy			
A	London	Yorkshire and The Humber	North East	West Midlands
B	South East	Yorkshire and The Humber	Northern Ireland	Scotland
C	South West	North West	Scotland	East Midlands
D	West Midlands	Wales	East	North East

Write the correct letter in the box.

[1]

(ii) Suggest **two** reasons for the regional variation in average life expectancy between London and Scotland, as shown in **Fig. 3**.

1

2

[2]

(b) Explain how investment in infrastructure can lead to uneven development within the UK.

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[4]

(c) Explain **two** effects of an ageing population in the UK.

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[4]

(d) Discuss the social and economic impacts of immigration on the UK in the 21st century.

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[6]

UK Environmental Challenges

3 Look at **Fig. 4** in the Resource Booklet.

In 2010 Rochdale experienced a flood which caused chaos for local people.

(a) Using **Fig. 4**, give **one** piece of evidence from the map which suggests that Rochdale could experience another flood?

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[1]

Case Study

A flood event in the UK caused by extreme weather conditions

Name of UK flood event:

(b) Explain the effects of the UK flood event on people.

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[4]

(c) Look at **Fig. 4** in the Resource Booklet.

(i) In which **one** of the following grid squares are wind turbines located?

- A** 8216
- B** 8217
- C** 8417
- D** 8517

Write the correct letter in the box.

[1]

(ii) Using **Fig. 4**, describe the relief of the land where the wind farm is located.

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[3]

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