

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Thursday 12 June 2025 – Morning

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

J383/03 Geographical Skills

**Time allowed: 1 hour 30 minutes
plus your additional time allowance**

YOU MUST HAVE:

**the Resource Booklet (with this document)
Insert for Question 4(b) (with this document)**

YOU CAN USE:

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

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 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 80.

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.

SECTION A

GEOGRAPHICAL SKILLS

1

(a) Look at FIG. 1 in the Resource Booklet.

(i) Identify TWO renewable sources of energy which have seen global growth in FIG. 1. [1]

- A HEP and solar power**
- B HEP and wind power**
- C Solar and gas**
- D Solar and wind power**

Write the correct letter in the box.

(ii) Which source of renewable energy saw record growth in China?

_____ **[1]**

(iii) Using FIG. 1, identify TWO benefits of the increased capacity in renewable energy.

1 _____

2 _____

[2]

(b) Look at FIG. 2 in the Resource Booklet.

(i) Which graphical technique is being used to display this information? [1]

- A Dispersion graph**
- B Histogram**
- C Line graph**
- D Vertical Bar graph**

Write the correct letter in the box.

(ii) Describe the CHANGES in renewable energy generation between 2020 and 2022.

[4]

(iii) Suggest ONE reason for the pattern of change in renewable energy generation in FIG. 2.

[1]

- (c) The table below shows trends in UK trade in non-renewable energy during 2022.

	Imports %	Exports %
Coal	+33	-56
Crude Oil	+63	-6
Gas	+11	+145
Petroleum	+9	+34

- (i) Calculate the MEAN percentage change in imports.

You MUST show your working.

_____ % [2]

- (ii) Calculate the DIFFERENCE in the percentage change of coal and gas exports.

You MUST show your working.

_____ % [2]

“To reduce our reliance on imports we must fully use our North Sea gas supplies.”

(d)*To what extent do you AGREE that reducing UK energy imports is MORE important than moving away from non-renewable energy?

Use ANY RESOURCE FROM QUESTION 1 and your own understanding to answer. [8]

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

2 Look at FIG. 3 in the Resource Booklet.

(a) Which of the countries has the HIGHEST child mortality? [1]

- A Mali**
- B Niger**
- C Pakistan**
- D Solomon Islands**

Write the correct letter in the box.

(b) Using the trends from the graph in FIG. 3, what would be the MOST likely child mortality for a country with a natural increase of 4%? [1]

- A 1%**
- B 3%**
- C 5%**
- D 12%**

Write the correct letter in the box.

FIG. 3 uses proportional symbols to display some of its information.

(c) Using data from the graph, explain what the proportional symbols show.

[2]

Look at FIG. 3 in the Resource Booklet.

- (d) Describe the relationship between natural population increase and child mortality.**

Use information from FIG. 3 in your answer.

[4]

(e) Suggest ONE reason for the relationship shown in FIG. 3.

Explain your answer.

[3]

3 Look at FIG. 4 in the Resource Booklet.

FIG. 4 uses choropleth shading to represent patterns of world population growth.

- (a) State ONE reason why a choropleth map like FIG. 4 can be inaccurate.**

[1]

- (b) Using information from FIG. 4, state whether country A or B is more likely to be a Lower Income Developing Country (LIDC).**

Justify your choice.

[3]

(c) Describe the pattern of world population growth seen in FIG. 4.

Use data in your answer.

[4]

Look at the extract below.

Cities must prepare for climate migration

As climate change impacts the world, migration will increase. Urbanisation is a key impact of climate change, as people seek both work and safety in cities.

Rapid growth, poor infrastructure, limited vegetation, and high numbers of people make cities vulnerable to climate change hazards. Low-income populations are particularly at risk as they often live in high-risk areas and have limited means to recover. In many of the most affected regions, cities lack adequate housing, infrastructure, education, food, water, and health facilities to adapt to rapid population growth.

- Use the extract and your own understanding.**

[6]

SECTION B

GEOGRAPHICAL FIELDWORK

- 4 Some Geography students have been conducting HUMAN GEOGRAPHY fieldwork in London. They were investigating the impact of urban redevelopment.**

Look at FIG. 5a in the Resource Booklet.

- (a) Suggest ONE way that the data collected might be improved.**

_____ **[1]**

Look at FIG. 5b in the Resource Booklet.

- (b) Select an ALTERNATIVE way that this data might be presented.**

Justify your choice.

_____ **[3]**

Look at FIG. 6 in the Resource Booklet.

- (c) Identify TWO features in the photograph that show the site's environmental quality.

1 _____

2 _____ [2]

- (d) The students completed environmental surveys at two sites.

–5 most negative score
+5 most positive score

Environmental Quality	Site 1	Site 2
Traffic Noise	–2	3
Air Quality	–3	2
Building attractiveness	3	4
Graffiti	3	3
Illegal Parking	–2	4
Amount of greenery	–1	3

The results of the environmental surveys are shown in the graph on the Insert.

- (i) COMPLETE the Environmental Quality graph to show the Amount of Greenery at sites 1 and 2. [2]

(ii) State whether FIG. 6 is a photograph of site 1 or 2.

Justify your choice.

[2]

[6]

- 5 You will have taken part in fieldwork in a PHYSICAL GEOGRAPHY environment. Examples might include a river or coastal study.**

State your fieldwork question for investigation: _____

Location of study area: _____

(a) Evaluate TWO fieldwork techniques used in your investigation.

Fieldwork technique 1

Fieldwork technique 2

[illegible]

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.

[illegible]



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