

Please write clearly in block capitals.

Centre number

Candidate number

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I declare this is my own work.

# INTERNATIONAL GCSE GEOGRAPHY

## Paper 3 Geographical and Fieldwork Skills

Time allowed: 1 hour 15 minutes

### Materials

For this paper you must have:

- a ruler with millimetre measurements
- a calculator, which you are expected to use where appropriate.

### Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of the page.
- Answer **all** questions.
- You must answer the questions in the spaces provided.  
Do not write outside the box around each page or on blank pages.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- All working must be shown.
- Do all rough work in this book. Cross through any work you do not want to be marked.

For Examiner's Use	
Section	Mark
A	
B	
C	
<b>TOTAL</b>	

### Information




- The maximum mark for this paper is 60.
- The marks for questions are shown in brackets.
- You **may use** a bilingual dictionary for this exam.
- You may **not** use an English dictionary.





**Section A****Geographical skills**

Answer **all** questions in the spaces provided.

For the multiple-choice questions, shade the circle next to the correct answer.

CORRECT METHOD  WRONG METHODS    

If you want to change your answer you must cross out your original answer as shown. 

If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown. 

**0 1 . 1**

Which **one** of the following is the most appropriate method to present data given as different percentages of a total?

Shade **one** circle only.

**[1 mark]**

**A** Line chart

**B** Pictogram

**C** Pie chart

**D** Scattergraph

**0 1 . 2**

Outline how satellite photographs can be used by geographers.

**[2 marks]**

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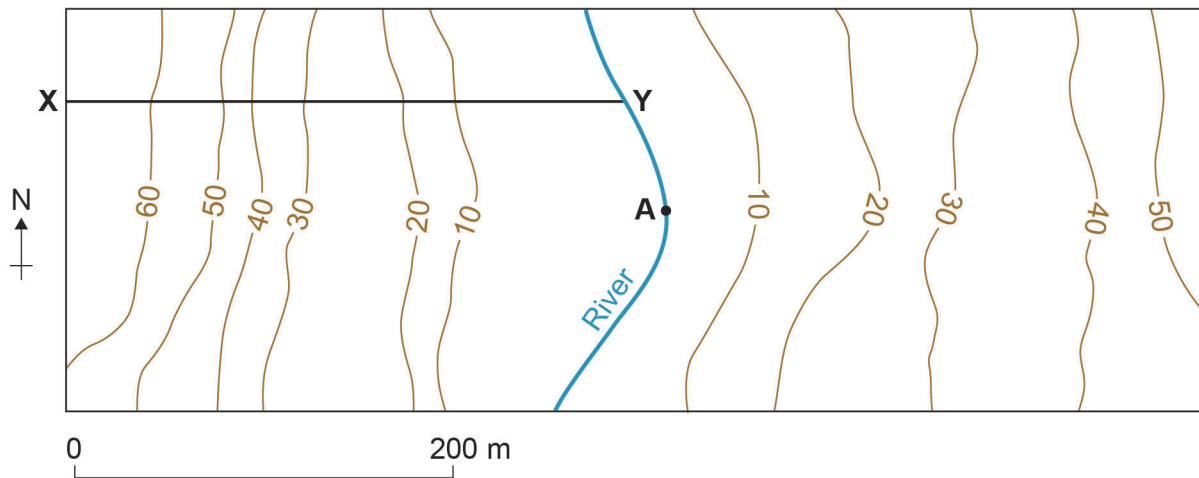


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Study **Figure 1**, part of a contour map across a river valley.

**Figure 1**



**Key**

- Contours at intervals of 10 metres above sea level  
 — River

**0 1 . 3** What is the height above sea level of the river channel at point **A** in **Figure 1**?

Shade **one** circle only.

**[1 mark]**

- A** Above 50 metres
- B** Below 10 metres
- C** Between 10 metres and 20 metres
- D** Between 30 metres and 40 metres

**0 1 . 4** Describe the gradient of the land from point **X** to the river channel at point **Y**.

**[2 marks]**

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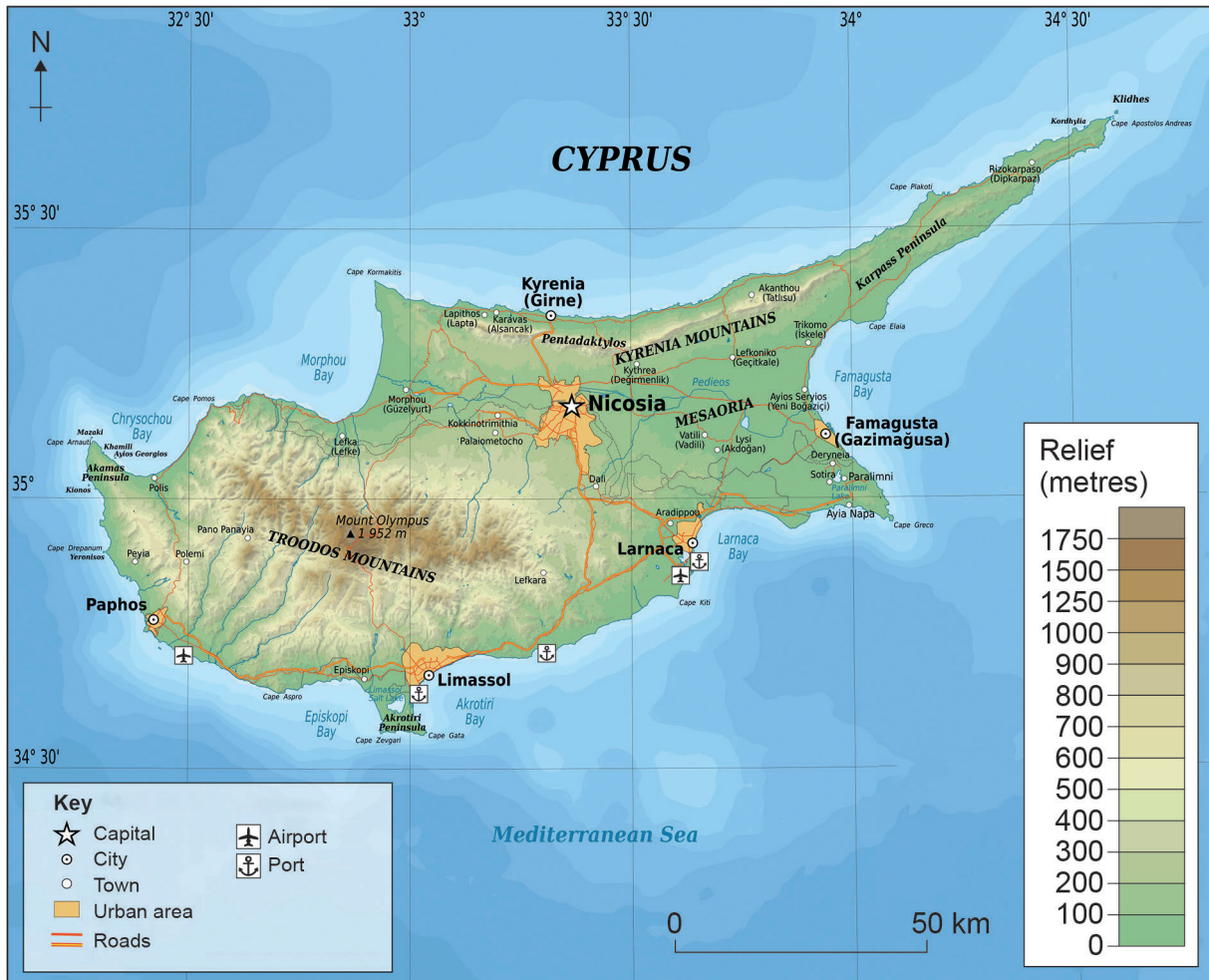
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Study **Figure 2**, an atlas map showing the island of Cyprus in the eastern Mediterranean Sea.

**Figure 2**



**0 2 . 1** Which of the following is the correct latitude and longitude for Mount Olympus?

Shade **one** circle only.

**[1 mark]**

**A** 32° 52'N; 34° 55'E

**B** 33° 35'N; 34° 33'E

**C** 34° 55'N; 32° 52'E

**D** 35° 12'N; 33° 20'E



0 2 . 2

Describe **two** features of the relief shown on **Figure 2**.

[2 marks]

1 \_\_\_\_\_

\_\_\_\_\_

2 \_\_\_\_\_

\_\_\_\_\_

0 2 . 3

Suggest reasons for the pattern of settlement shown on **Figure 2**.

[4 marks]

\_\_\_\_\_

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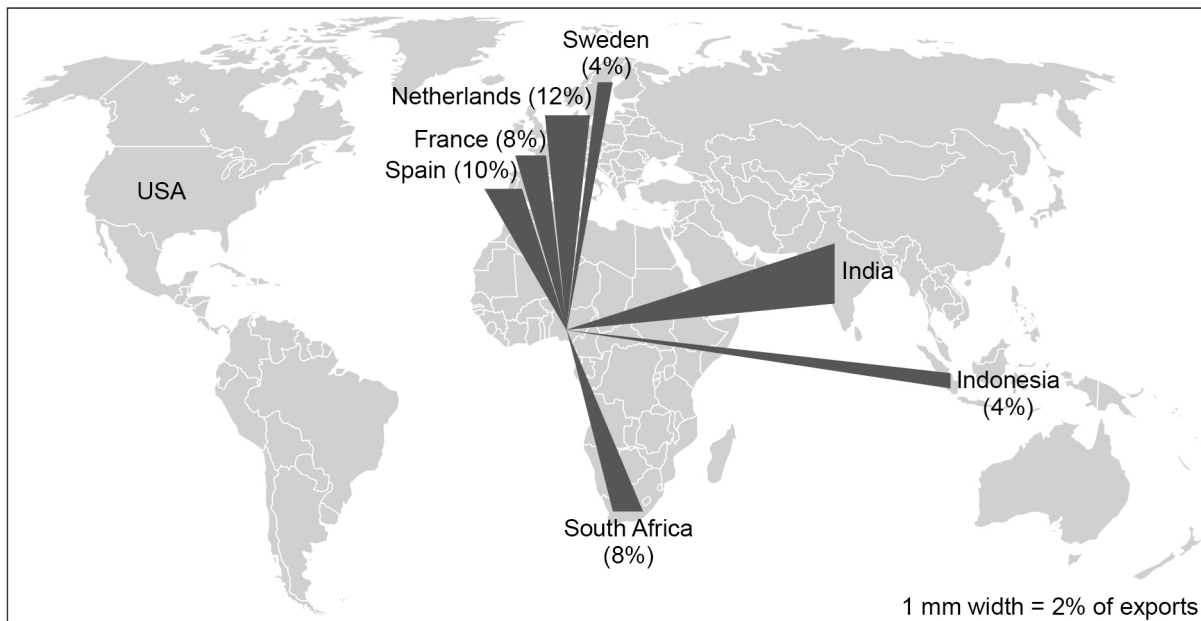
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Study **Figure 3**, a flow line map showing the top eight countries receiving exports (by value) from Nigeria.

**Figure 3**



**0 3 . 1** What percentage of Nigeria's exports go to India?

**[1 mark]**

\_\_\_\_\_ %

**0 3 . 2** Complete the map by drawing a flow line of exports to the USA using the information below.

Nigeria's exports (by value) to USA = **6%**

**[2 marks]**



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0 3 . 3

Describe the pattern of Nigeria's exports shown on **Figure 3**.

**[4 marks]**

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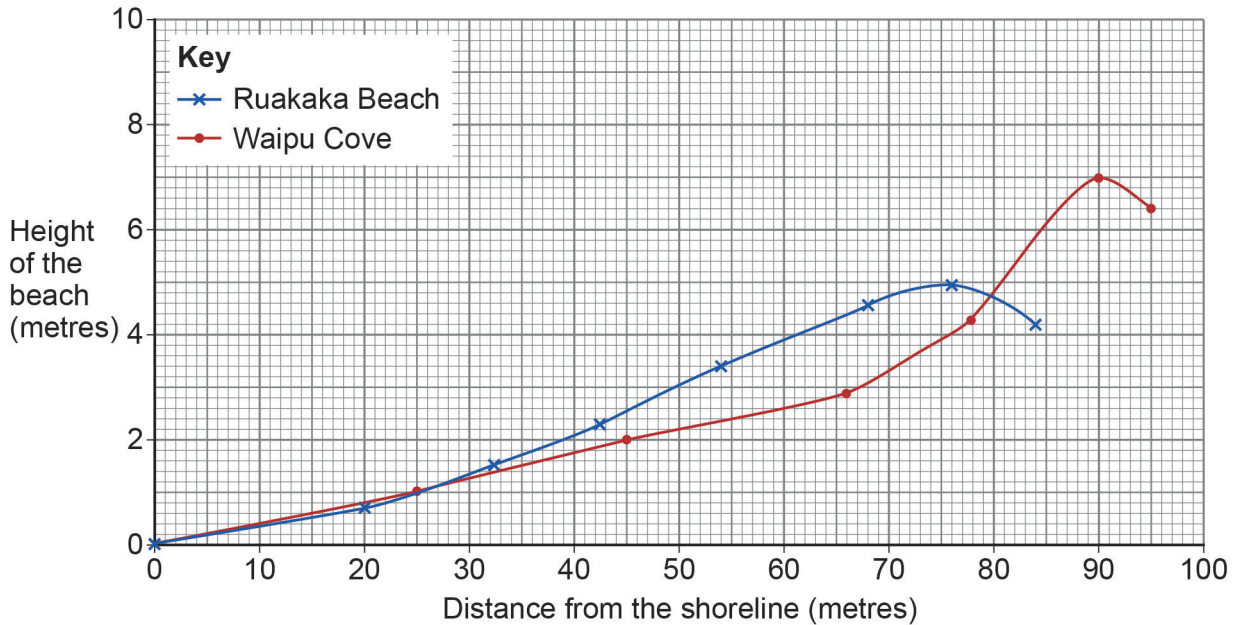
## Section B

## Fieldwork skills (unfamiliar contexts)

Students measured the height of the beach moving inland from the shoreline at two beaches in New Zealand and constructed beach profiles (cross sections) for each.

Study **Figure 4**, a graph showing the two beach profiles.

**Figure 4**



0 4 . 1

Identify **two** differences between the beach profiles shown in **Figure 4**.

[2 marks]

1 \_\_\_\_\_

\_\_\_\_\_

2 \_\_\_\_\_

\_\_\_\_\_



0 4 . 2

Justify other type(s) of data that the students could collect to improve their understanding of beach profiles.

[4 marks]

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0 4 . 3

Give **two** soft engineering strategies that could be used to protect the coastline.

[2 marks]

1 \_\_\_\_\_

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2 \_\_\_\_\_

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Question 4 continues on the next page

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Study **Figure 5**, a table showing the percentage of vegetation cover with increasing distance from the shoreline at Ruakaka beach.

**Figure 5**

Percentage vegetation cover at distances in metres(m) inland from shoreline					
0 m (shoreline)	15 m	30 m	45 m	60 m	75 m
3%	8%	12%	19%	38%	54%

0 4 . 4

State the sampling method that was used to collect this data.

[1 mark]

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0 4 . 5

Suggest **one** type of graph that could be used to present this data.

[1 mark]

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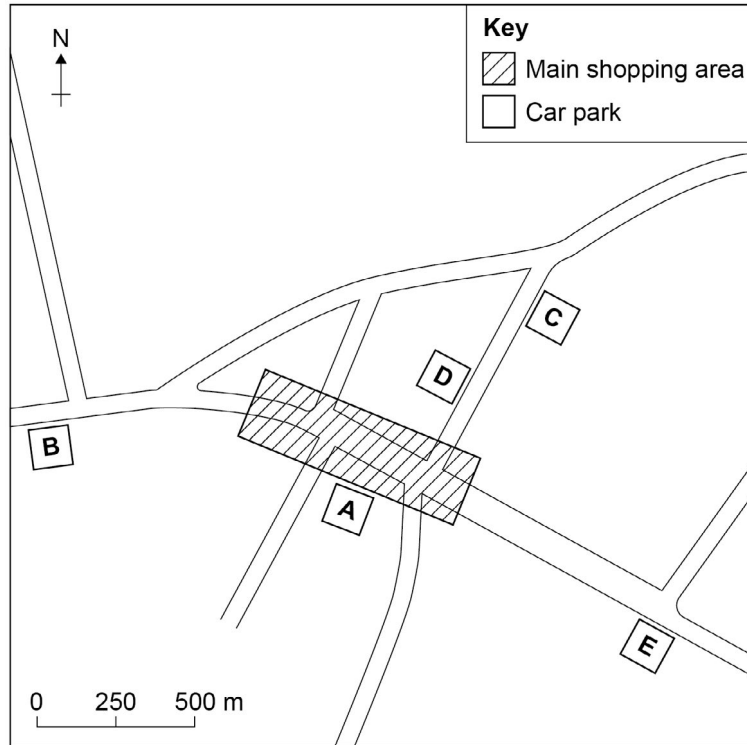
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Students investigated the use of five car parks in a town centre. They recorded how full (% occupancy) each car park was at **two different times** during the week.

Study **Figure 6a**, a sketch map of the town centre and location of the car parks and **Figure 6b**, a table showing the results of the data recorded.

**Figure 6a**



**Figure 6b**

Day/time	% occupancy in each car park				
	A	B	C	D	E
Tuesday 10 am	76	42	58	64	40
Saturday 12 noon	100	64	80	92	59

0 5 . 1

Calculate the difference between the mean % occupancy of the 5 car parks (A–E) on Tuesdays and on Saturdays.

[2 marks]

Tuesday mean = \_\_\_\_\_ % Saturday mean = \_\_\_\_\_ %

Difference between the mean occupancy rates = \_\_\_\_\_ %



**0 5 . 2** Outline an appropriate method of presenting the results of the car park survey. **[2 marks]**

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**0 5 . 3** Suggest why data collected in **Figure 6b** may not be accurate. **[2 marks]**

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**0 5 . 4** The students' hypothesis was that 'the use of car parks in the town is affected by the distance from the main shopping area'.  
To what extent can the students draw reliable conclusion(s) to this hypothesis?  
Use evidence shown in **Figure 6a** and **Figure 6b**. **[4 marks]**

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**Section C****Individual fieldwork enquiry**

State the title of your geography fieldwork enquiry below.

Fieldwork enquiry title:

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Answer the following questions related to your geography fieldwork enquiry.

**0 6 . 1**

Outline the factors you considered when selecting a suitable question or hypothesis for your enquiry.

**[2 marks]**

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**0 6 . 2**

Suggest why the location used was suitable for your enquiry.

**[2 marks]**

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0 6 . 3

Justify **one** method of data collection used in your enquiry.

**[4 marks]**

Data collection method used \_\_\_\_\_

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0 6 . 4

Assess the limitations of the data you collected and how it could be improved.

**[6 marks]**

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