Please check the examination details below before entering your candidate information

Candidate surname	Other names

Centre Number | Candidate Number

Pearson Edexcel International Advanced Level

Tuesday 16 January 2024

Morning (Time: 1 hour 30 minutes)

Paper reference **WGE02/01**

Geography

International Advanced Subsidiary
UNIT 2: Geographical Investigations

You must have:
Resource Booklet (enclosed)

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions in Sections A and B and **ONE** question in Section C.
- Answer the questions in the spaces provided – *there may be more space than you need.*

Information

- The total mark for this paper is 60.
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*
- Calculators may be used.

Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over

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SECTION A

Crowded Coasts

Answer ALL questions in this section. Write your answers in the spaces provided.

1 Study Figure 1 in the Resource Booklet.

(a) (i) Identify coastal landforms A and B.

(2)

A.....

B.....

(ii) Explain **one** weathering process affecting this coast.

(2)

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(b) Examine how an understanding of physical processes can affect coastal management decision making.

(8)

(Total for Question 1 = 12 marks)

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Urban Problems, Planning and Regeneration

2 Study Figure 2 in the Resource Booklet.

(a) Identify **two** possible problems caused by landfill sites such as this.

(2)

1 .....

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2 .....

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(b) Explain **one** problem for people living in cities with high levels of traffic congestion.

(2)

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(c) Examine the causes of the social and economic inequalities found in developing world cities.

(8)

(Total for Question 2 = 12 marks)

TOTAL FOR SECTION A = 24 MARKS

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SECTION B

Compulsory Fieldwork Section

Answer ALL questions. Write your answers in the spaces provided.

3 You have undertaken geography fieldwork as part of the course.

Use this experience to answer Question 3.

State the title or question of your fieldwork investigation.

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(a) Explain how you selected the title or question for your fieldwork investigation.

(3)

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(b) Explain how you used **one** quantitative data collection method in your fieldwork investigation.

(3)

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(c) Explain how you designed your fieldwork to make sure that the data collected was accurate.

(6)

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(d) Evaluate the success of the techniques used to present and analyse the results from your fieldwork investigation.

(12)

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(Total for Question 3 = 24 marks)

TOTAL FOR SECTION B = 24 MARKS

SECTION C

Geographical Fieldwork and Skills

Answer ONE question in this section – EITHER Question 4 OR Question 5.

If you answer Question 4, put a cross in the box ☒ .

Write your answers in the spaces provided.

Investigating Crowded Coasts

4 (a) Study Figure 3a in the Resource Booklet.

> A group of students studied mangroves as part of a study of coastal ecosystems.
>
> They used secondary data from a 2021 questionnaire about tourism and coastal ecosystems.

(i) Explain **one** problem with the design of the question 'What is your background?'

(2)

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(ii) Explain **one** advantage of a large sample size in primary data collection.

(3)

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The students visited a coastline with mangroves to investigate the human impact of tourism at 26 different sites.

(b) Study Figure 3b below.

Height of mangrove trees	Less than 1m	1–2m	3–4m	5–6m	More than 7m	TOTAL
Number	1	3	2	4	16	26

Level of human damage to mangroves	very high	high	moderate	low	very low	TOTAL
Number	**?**	6	1	8	2	26

Figure 3b

The students' data collection results

(i) Calculate the modal class (mode) for height of mangrove trees.

(1)

.....

(ii) Calculate the missing value for 'very high' human damage to mangroves.

(1)

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(iii) Suggest **one** problem the students might have experienced when collecting this primary data.

(2)

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(c) Explain **one** way the students could use GIS to present and analyse their results.

(3)

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(Total for Question 4 = 12 marks)

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Investigating Urban Problems, Planning and Regeneration

If you answer Question 5, put a cross in the box ☒ .

5 (a) Study Figure 4a in the Resource Booklet.

A group of students studied tourism in a city as part of a study of urban regeneration.

They used secondary data from a 2021 tourism questionnaire about the links between tourism and urban regeneration.

(i) Explain **one** problem with the design of the question 'What is your background?'

(2)

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(ii) Explain **one** advantage of a large sample size in primary data collection.

(3)

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The students visited an area of the city to investigate the quality of hotels for tourists at 26 different sites.

(b) Study Figure 4b below.

Number of floors	1	2–5	6–10	11–20	More than 20	TOTAL
Number	1	3	2	4	16	26

Building quality	very high	high	moderate	low	very low	TOTAL
Number	**?**	6	1	8	2	26

Figure 4b

The students' data collection results

(i) Calculate the modal class (mode) for the number of floors.

(1)

.....

(ii) Calculate the missing value for 'very high' building quality.

(1)

.....

(iii) Suggest **one** problem the students might have experienced when collecting this primary data.

(2)

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(c) Explain **one** way the students could use GIS to present and analyse their results.

(3)

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(Total for Question 5 = 12 marks)

TOTAL FOR SECTION C = 12 MARKS
TOTAL FOR PAPER = 60 MARKS

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Geography

International Advanced Subsidiary
UNIT 2: Geographical Investigations

Resource Booklet
Do not return this Booklet with the question paper.

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SECTION A

This resource relates to Question 1.

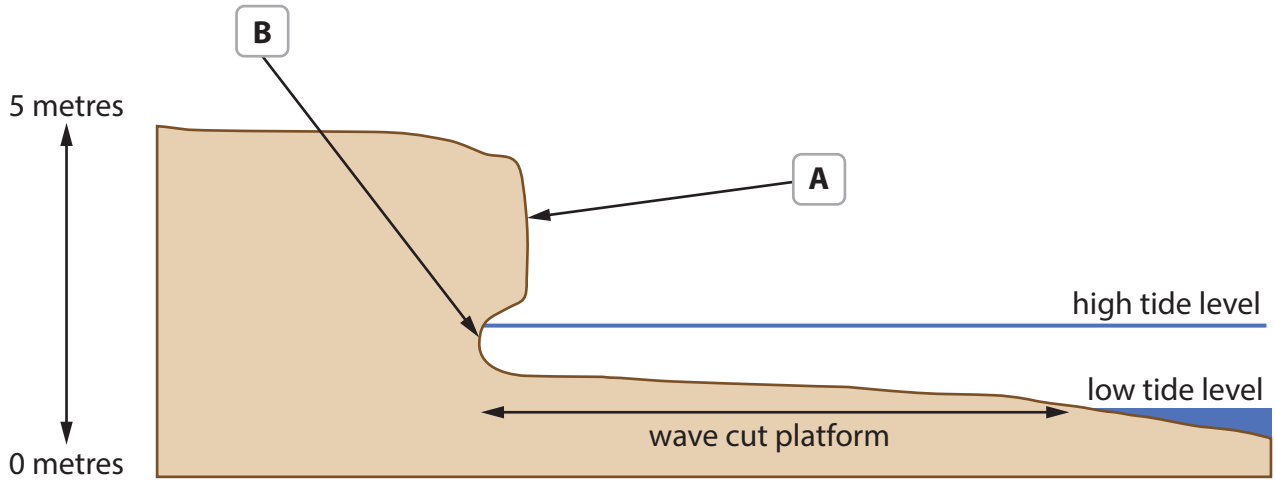

Figure 1

A cross section of a coastline

This resource relates to Question 2.

Figure 2

A landfill site in the Netherlands

This resource relates to Question 4.

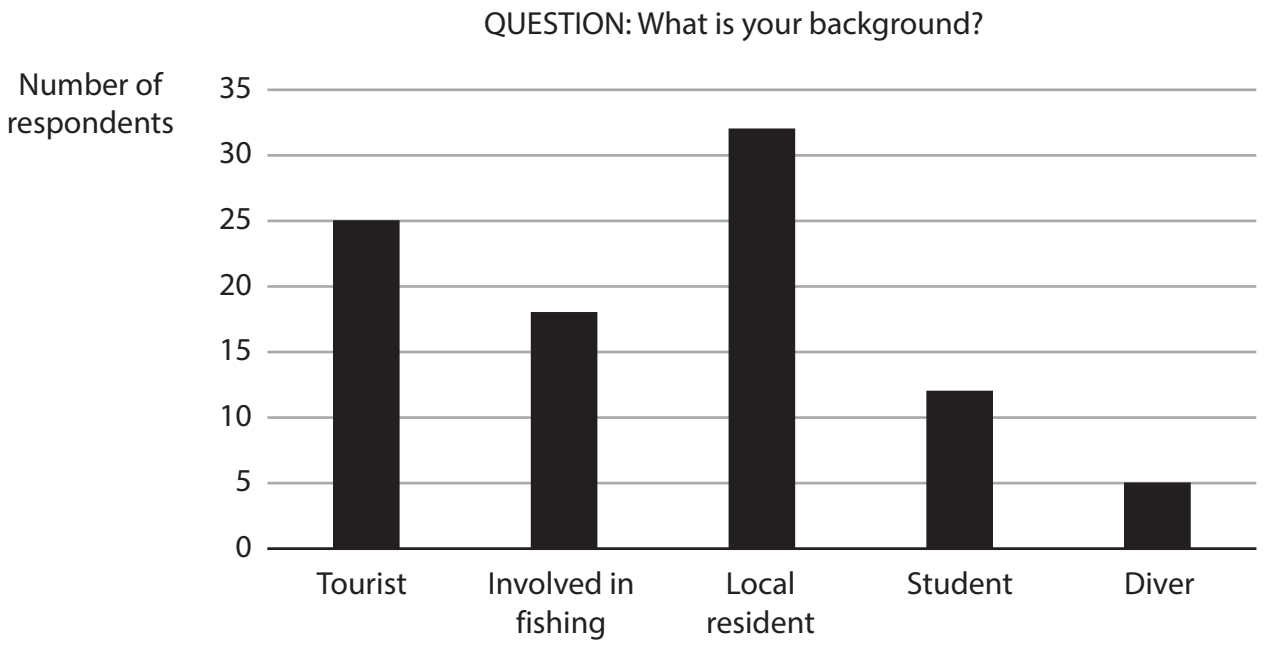

Figure 3a

The results of the questionnaire about tourism and coastal ecosystems

This resource relates to Question 5.

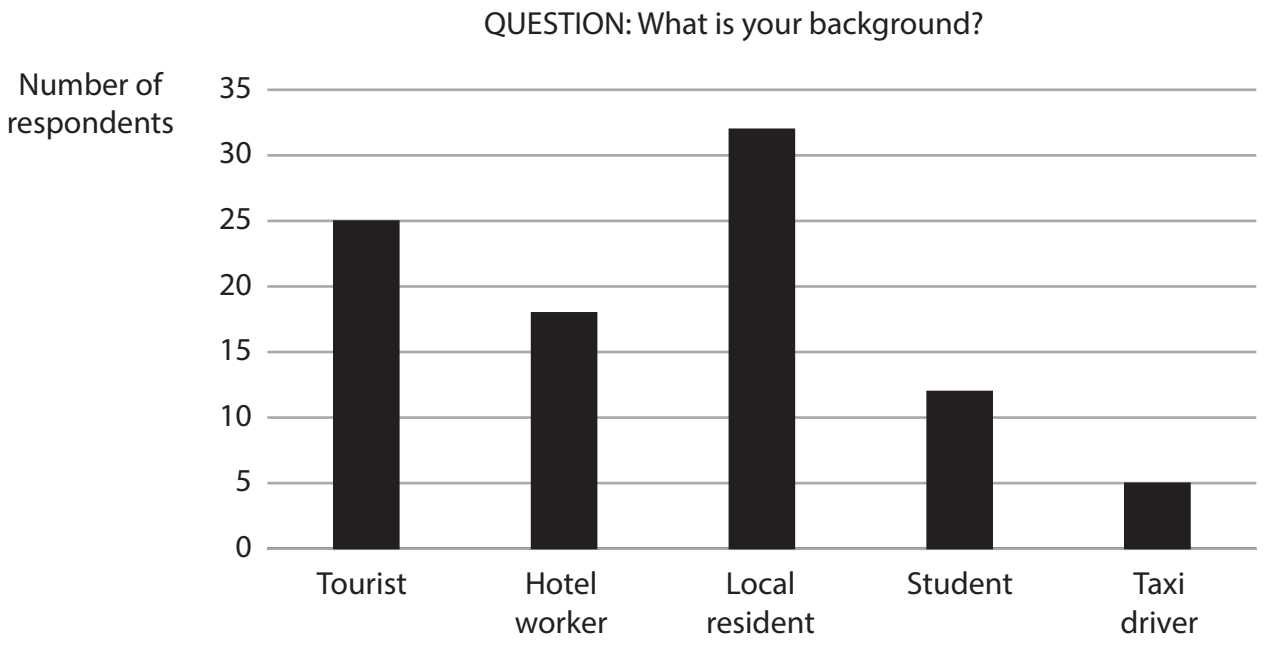

Figure 4a

The results of the questionnaire about regeneration

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Acknowledgements

Pearson Education Ltd. gratefully acknowledges all following sources used in preparation of this paper:

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