

Please check the examination details below before entering your candidate information

Candidate surname

Other names

**Pearson Edexcel
International
Advanced Level**

Centre Number

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Candidate Number

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Tuesday 21 May 2019

Morning (Time: 1 hour 30 minutes)

Paper Reference **WGE02/01**

Geography

International Advanced Subsidiary

Paper 2: Geographical Investigations

You must have:

Resource Booklet (enclosed)

Total Marks

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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.
- In Section C answer **EITHER** Question 4 **OR** Question 5.
- Answer the questions in the spaces provided
– there may be more space than you need.
- Calculators may be used.

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.

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.

(a) (i) Identify the coastal ecosystems A and B.

(2)

A

B

(ii) Explain **one** way the coastal development shown in the photograph may threaten ecosystem A.

(2)

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URBAN PROBLEMS, PLANNING AND REGENERATION

2 Study Figure 2.

(a) (i) Identify **two** pieces of evidence from the photograph that show this area is being regenerated.

(2)

1

2

(ii) Suggest **one** possible problem caused by the regeneration scheme in Figure 2.

(2)

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SECTION B

COMPULSORY FIELDWORK QUESTION

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

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

Use this experience to answer Question 3.

State the title or question of your fieldwork investigation:

.....
.....

(a) Explain how you reduced **one** risk that you identified when planning your fieldwork.

Named risk

(2)

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(b) Explain how you collected fieldwork data using **two** quantitative techniques as part of your investigation.

(4)

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(c) Explain how you used secondary data as part of your investigation.

(6)

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(d) Evaluate how successfully your investigation answered the title or question you chose.

(12)

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(Total for Question 3 = 24 marks)

TOTAL FOR SECTION B = 24 MARKS



(b) Explain **one** reason why sample size is important when collecting primary fieldwork data.

(3)

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(c) Study Figure 3b.

The students used secondary data and photographs to understand more about coastal management.

(i) Calculate the percentage of respondents that disagree and strongly disagree.

(1)

.....%

(ii) Identify the modal response.

(1)

<input type="checkbox"/>	A Strongly agree
<input type="checkbox"/>	B Agree
<input type="checkbox"/>	C Neither agree nor disagree
<input type="checkbox"/>	D Strongly disagree

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Study Figure 3c.

(d) Explain **one** advantage of using this photograph to judge the quality of coastal flood defences.

(3)

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(Total for Question 4 = 12 marks)

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

Investigating Urban Problems, Planning and Regeneration

5 Study Figure 4a.

A group of students studied local traffic as part of a wider investigation into transport problems.

They designed a survey to assess the quality of transport management.

(a) Explain **two** limitations of their recording sheet.

(4)

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(b) Explain **one** reason why sample size is important when collecting primary fieldwork data.

(3)

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(c) Study Figure 4b in the Resource Booklet.

The students used secondary data and photographs to understand more about transport management.

(i) Calculate the percentage of respondents that disagree and strongly disagree.

(1)

.....%

(ii) Identify the modal response.

(1)

<input type="checkbox"/>	A Strongly agree
<input type="checkbox"/>	B Agree
<input type="checkbox"/>	C Neither agree nor disagree
<input type="checkbox"/>	D Strongly disagree



Study Figure 4c.

(d) Explain **one** advantage of using this photograph to judge the quality of transport management.

(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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Pearson Edexcel International Advanced Level

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Geography

International Advanced Subsidiary

Paper 2: Geographical Investigations

Resource Booklet

Do not return this Resource Booklet with the question paper.

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Figure 1
Photographs of two coastal ecosystems



Figure 2
Urban regeneration scheme, Dublin, Ireland

Coastal defence quality criteria	Site 1: Flood defence wall		
General upkeep	Neglected	OK	Well kept
Surrounding landscape impact	High	OK	Low
Scheme effectiveness	Not effective	OK	Effective
Architectural design	Ugly	OK	Attractive
Ease of repairing	Crane access needed	OK	Ground level
Estimated defence cost	Low	Average	Expensive

Figure 3a

A student's completed recording sheet assessing the quality of coastal flood defences

QUESTION: "I support the coastal protection scheme."

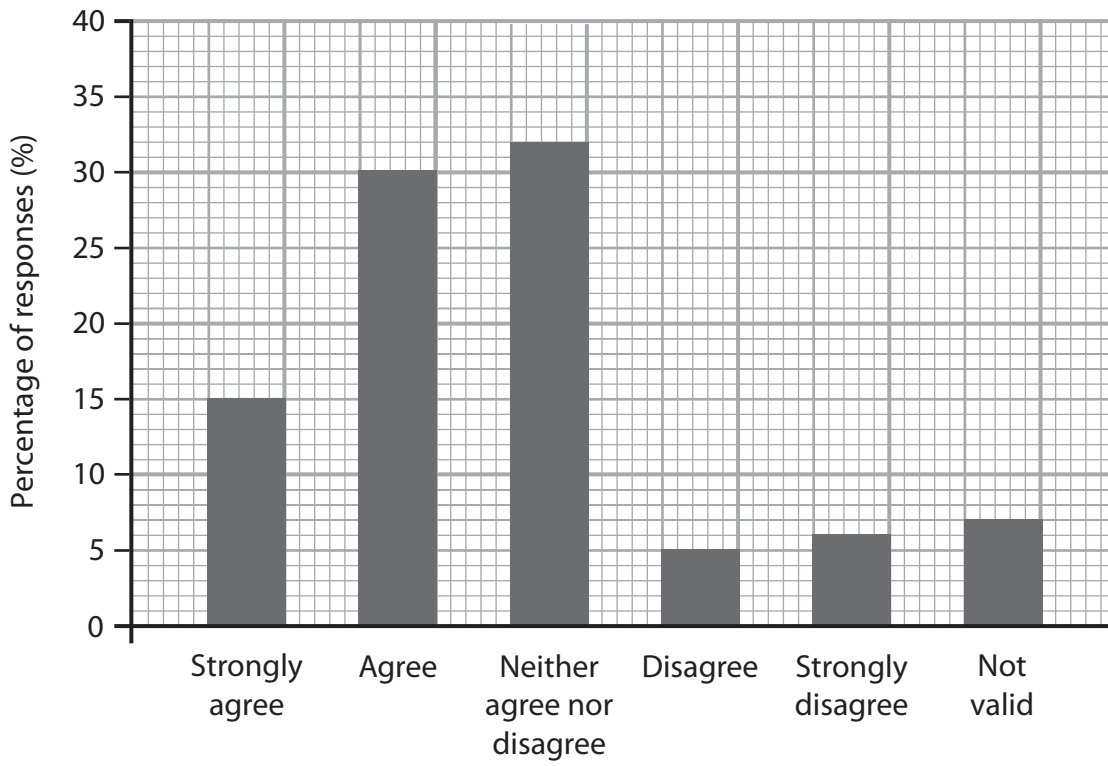


Figure 3b

Responses to a coastal protection survey question



Figure 3c

A student's photograph of local sea defences on Male, the Maldives

Criteria for quality of transport management	Site 1: Traffic intersection		
General upkeep	Neglected	OK	Well kept
Density of traffic flow	High	OK	Low
Traffic management	Not effective	OK	Effective
Highway design	Ugly	OK	Attractive
Ease of repairing	Crane access needed	OK	Highway level
Estimated public transport cost	Low	Average	Expensive

Figure 4a

A student's completed recording sheet assessing the quality of transport management

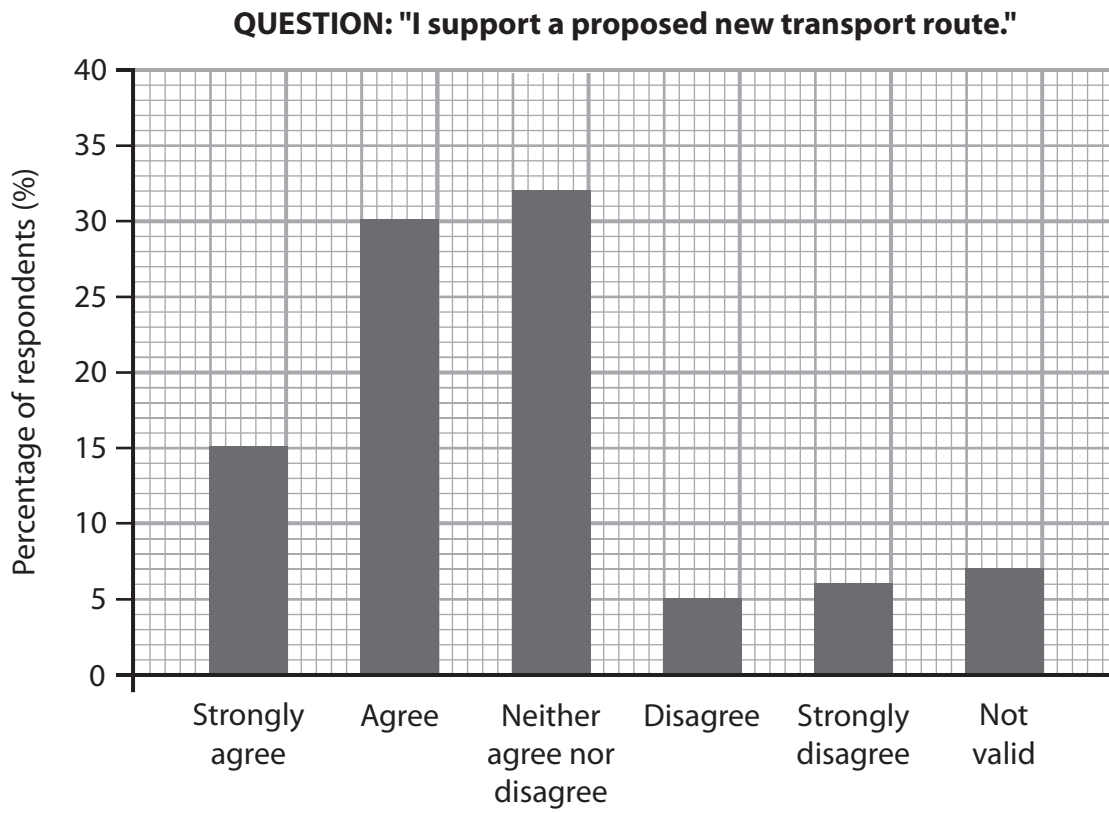


Figure 4b
Responses to a traffic management survey question



Figure 4c

A student's photograph of local transport problems in Kowloon, Hong Kong



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