Please check the examination details below before entering your candidate information

Candidate surname	Other names

Pearson Edexcel International Advanced Level

Centre Number | Candidate Number

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

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.

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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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(b) Evaluate the importance of geology on rates of coastal recession.

(8)

(Total for Question 1 = 12 marks)

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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)

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2 .....

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

(2)

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(b) Assess the benefits of regeneration schemes for different groups of people.

(8)

(Total for Question 2 = 12 marks)

TOTAL FOR SECTION A = 24 MARKS

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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:

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(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

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SECTION C

GEOGRAPHICAL FIELDWORK AND SKILLS

Answer ONE question in this section – EITHER Question 4 OR Question 5.
Write your answers in the spaces provided.

Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

Investigating Crowded Coasts

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

4 Study Figure 3a.

> A group of students studied coastal erosion and flood risk as part of a wider investigation into managing coastal change.
>
> They designed a survey to assess the quality of coastal flood defences.

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

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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 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)

☒	**A** Strongly agree
☒	**B** Agree
☒	**C** Neither agree nor disagree
☒	**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)

☒	**A** Strongly agree
☒	**B** Agree
☒	**C** Neither agree nor disagree
☒	**D** Strongly disagree

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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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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	Very 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

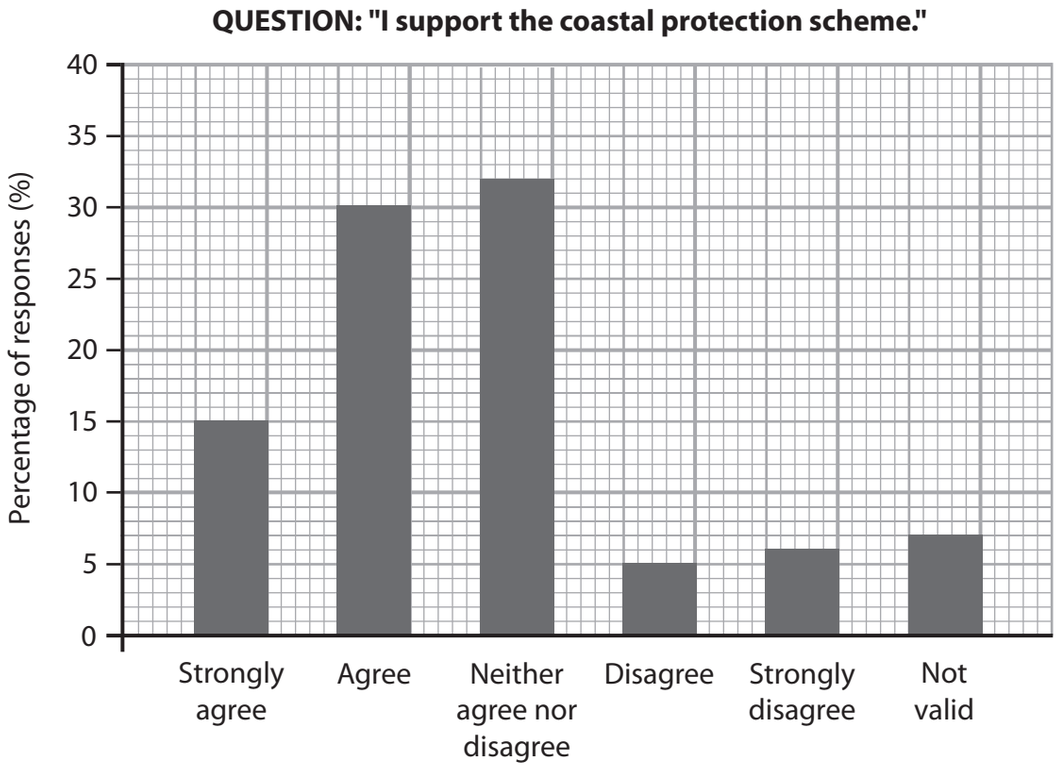

Figure 3b

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	Very 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

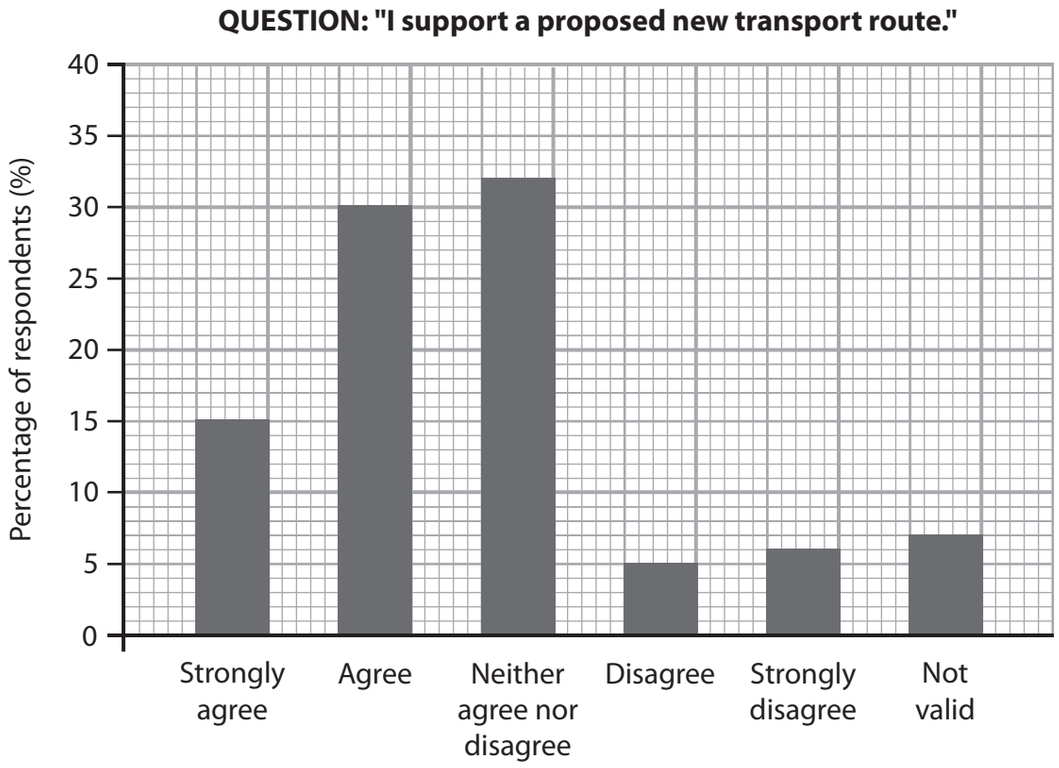

Figure 4b

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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