

Paper Reference WGE02/01  
Pearson Edexcel  
International Advanced Level

Total Marks
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Geography  
International Advanced Subsidiary  
UNIT 2: Geographical Investigations

Monday 20 May 2024 – Morning

Time: 1 hour 30 minutes

In the boxes below, write your name, centre number and candidate number.

Surname					
Other names					
Centre Number					
Candidate Number					

**YOU MUST HAVE**

**Nil**

**YOU WILL BE GIVEN**

**Resource Booklet  
Data Booklet**

**INSTRUCTIONS**

**Answer ALL questions in Sections A and B and  
ONE question in Section C.**

**Answer the questions in the spaces provided in this  
Question Paper – 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.**

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**SECTION A**

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

**Crowded Coasts**

1. Study Figure 1 in the Resource Booklet.

(a) (i) Identify the landforms labelled.

(2 marks)

A \_\_\_\_\_

\_\_\_\_\_

B \_\_\_\_\_

\_\_\_\_\_

(ii) Explain ONE process that has resulted in  
the formation of the delta shown.

(2 marks)

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(continued on the next page)

**1. continued.**

**(b) Examine the costs and benefits of coastal land reclamation and building artificial islands.**

**(8 marks)**

**Answer lines continue on the next two pages.**

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**1. (b) continued.**

[illegible]

**Turn over**

1. (b) continued.

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(Total for Question 1 = 12 marks)

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## Urban Problems, Planning and Regeneration

**2. Study Figure 2 in the Resource Booklet.**

**(a) (i) Identify TWO different sources of air pollution shown in the photograph.**

**(2 marks)**

**1** \_\_\_\_\_

\_\_\_\_\_

**2** \_\_\_\_\_

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**(continued on the next page)**

**2. (a) continued.**

**(ii) Explain ONE solution planners use to  
reduce urban air pollution.**

**(2 marks)**

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**(continued on the next page)**

**2. continued.**

**(b) Assess the success of planned 'ideal' new towns and cities in minimising social and environmental problems.**

**(8 marks)**

**Answer lines continue on the next two pages.**

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**2. (b) continued.**

[illegible]

**Turn over**

2. (b) continued.

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(Total for Question 2 = 12 marks)

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**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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**(continued on the next page)**

**3. continued.**

**(a) Explain how ONE idea, model or theory helped you decide on the title of your fieldwork investigation.**

**(3 marks)**

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**(continued on the next page)**



**3. continued.**

**(b) Explain why the location you selected was suitable for your fieldwork investigation.**

**(3 marks)**

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**3. continued.**

**(c) Explain how you analysed the data you collected.**

**(6 marks)**

**Answer lines continue on the next page.**

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**3. (c) continued.**

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**(continued on the next page)**

**3. continued.**

**(d) Evaluate the success of the primary data collection methods you used.**

**(12 marks)**

**Answer lines continue on the next three pages.**

[illegible]

**3. (d) continued.**

[illegible]

**Turn over**

**3. (d) continued.**

[illegible]

3. (d) continued.

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(Total for Question 3 = 24 marks)

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**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.**

**Indicate which question you are answering  
by marking a cross in the box. If you change  
your mind, put a line through the box and  
then indicate your new question with a cross.**

**Write your answers in the spaces provided.**

**If you answer Question 4, put a cross in this  
box**

☐**Investigating Crowded Coasts**



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

**A group of students carried out a questionnaire about management strategies as part of a wider study into the success of coastal management.**

**Their sampling procedure was to ask the opinions of 10 local people and 10 visitors.**

**They presented the results of one question on a graph, Figure 3a.**

**(continued on the next page)**

4. (a) continued.

(i) Identify TWO problems with the students' data presentation in Figure 3a.

(2 marks)

1 \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2 \_\_\_\_\_

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(continued on the next page)

4. (a) continued.

(ii) Explain why a bar chart is a more suitable presentation technique for this data.

(2 marks)

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4. (a) continued.

(iii) Explain ONE advantage of the sampling procedure the students used for their questionnaire.

(3 marks)

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**4. continued.**

**The students researched the costs of coastal management strategies.**

**Their results are shown in Figure 3b.**

**(b) Study Figure 3b in the Data Booklet.**

**(i) Calculate the cost for 1 metre of this sea wall.**

**(1 mark)**

**US\$ \_\_\_\_\_**

**(continued on the next page)**

4. (b) continued.

(ii) Calculate the cost of  $0.5$  kilometres of beach nourishment.

(1 mark)

US\$ \_\_\_\_\_

(continued on the next page)

4. continued.

(c) Explain ONE way these students could use GIS in this fieldwork investigation.

(3 marks)

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(Total for Question 4 = 12 marks)

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**Do not answer Question 5 if you have answered Question 4.**

**If you answer Question 5, put a cross in this box**

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**Investigating Urban Problems, Planning and Regeneration**



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

**A group of students carried out a questionnaire about regeneration of a run—down area as part of a wider study into the success of urban management.**

**Their sampling procedure was to ask the opinions of 10 local people and 10 visitors.**

**They presented the results of one question on a graph, Figure 4a.**

**(continued on the next page)**

5. (a) continued.

(i) Identify TWO problems with the students' data presentation in Figure 4a.

(2 marks)

1 \_\_\_\_\_

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2 \_\_\_\_\_

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5. (a) continued.

(ii) Explain why a bar chart is a more suitable presentation technique for this data.

(2 marks)

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5. (a) continued.

(iii) Explain ONE advantage of the sampling procedure the students used for their questionnaire.

(3 marks)

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**5. continued.**

**The students researched the costs of urban regeneration strategies.**

**Their results are shown in Figure 4b.**

**(b) Study Figure 4b in the Data Booklet.**

**(i) Calculate the cost for 1 metre of this water feature.**

**(1 mark)**

**US\$ \_\_\_\_\_**

**(continued on the next page)**

5. (b) continued.

(ii) Calculate the cost of **0·5** kilometres of flower beds.

(1 mark)

**US\$** \_\_\_\_\_

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**5. continued.**

**(c) Explain ONE way these students could use GIS in this fieldwork investigation.**

**(3 marks)**

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**(Total for Question 5 = 12 marks)**

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**TOTAL FOR SECTION C = 12 MARKS**

**TOTAL FOR PAPER = 60 MARKS**

**END OF PAPER**

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