Please check the examination details below before entering your candidate information

Candidate surname	Other names

Centre Number | Candidate Number

Pearson Edexcel International Advanced Level

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 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 on Figure 1.

(2)

A .....

B .....

(ii) Explain **one** weathering process that affects coastal landforms.

(2)

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(b) Examine the importance of sediment transport within the coastal system.

(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) (i) Using evidence from the photograph, state **two** problems that local residents may have experienced in this area of East London.

(2)

1 .....

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2 .....

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(ii) Explain **one** way NGOs or community groups can improve housing in cities.

(2)

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(b) Evaluate the benefits of urban regeneration for the different groups involved.

(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 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 managed **one** risk associated with your fieldwork investigation.

(2)

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(b) Explain how you used **two** qualitative primary data collection methods as part of your fieldwork.

(4)

1 .....

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2 .....

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(c) Explain how you used different secondary information sources as part of your fieldwork investigation.

(6)

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(d) Evaluate the success of the fieldwork design and data collection methods used in your fieldwork investigation.

(12)

(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.

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 ☒.

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

Write your answers in the spaces provided.

Investigating Crowded Coasts

4 Study Figure 3a in the Resource Booklet.

> A group of students studied the development and structure of a sand dune ecosystem.
>
> They used the information in Figure 3a to support their geographical investigation.

(a) Explain **one** reason for using a model or concept, such as Figure 3a, as part of a geographical investigation.

(2)

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(b) Explain **one** disadvantage of using the internet as part of a geographical investigation.

(3)

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(c) Study Figure 3b below.

A group of students used secondary data to find out about beach pollution.

They found some information online about a beach litter survey carried out in July 2021.

Type of beach litter	Number of litter items	Percentage (%)	Possible litter source
Industrial packaging	1046	44.8	Shipping
Rope and nets	174	7.5	Fishing
Wood	104		Crates
Plastic packaging	310	13.3	Beach tourism
Other litter	702	30.1	Unknown

Figure 3b

Secondary data from part of a beach litter survey in July 2021

(i) Calculate the missing percentage for wood in the blank box.

(1)

..... %

(ii) Calculate the range for the 'Number of litter items'.

(1)

Range: .....

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(iii) Suggest **one** reason why the information shown in Figure 3b may be unreliable.

(2)

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(d) Explain **one** way the students could have used photographs as part of their geographical investigation into beach litter pollution.

(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 Study Figure 4a in the Resource Booklet.

A group of students studied the impacts of regeneration on land values and building height in an urban area.

They used the information in Figure 4a to support their geographical investigation.

(a) Explain **one** reason for using a model or concept, such as Figure 4a, as part of a geographical investigation.

(2)

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(b) Explain **one** disadvantage of using the internet as part of a geographical investigation.

(3)

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(c) Study Figure 4b below.

A group of students used secondary data to find out about urban pollution.

They found some information online about an urban litter survey carried out in July 2021.

Type of urban litter	Number of litter items	Percentage (%)	Possible litter source
Smoking related	1046	44.8	Residents
Fast food related	174	7.5	Tourism
Vehicle parts	104		Transport
Plastic packaging	310	13.3	Industrial
Other litter	702	30.1	Unknown

Figure 4b

Secondary data from part of an urban litter survey in July 2021

(i) Calculate the missing percentage for vehicle parts in the blank box.

(1)

..... %

(ii) Calculate the range for the 'Number of litter items'.

(1)

Range: .....

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(iii) Suggest **one** reason why the information shown in Figure 4b may be unreliable.

(2)

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(d) Explain **one** way the students could have used photographs as part of their geographical investigation into urban litter pollution.

(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

Time 1 hour 30 minutes

Paper reference **WGE02/01**

Geography

International Advanced Subsidiary
PAPER 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.

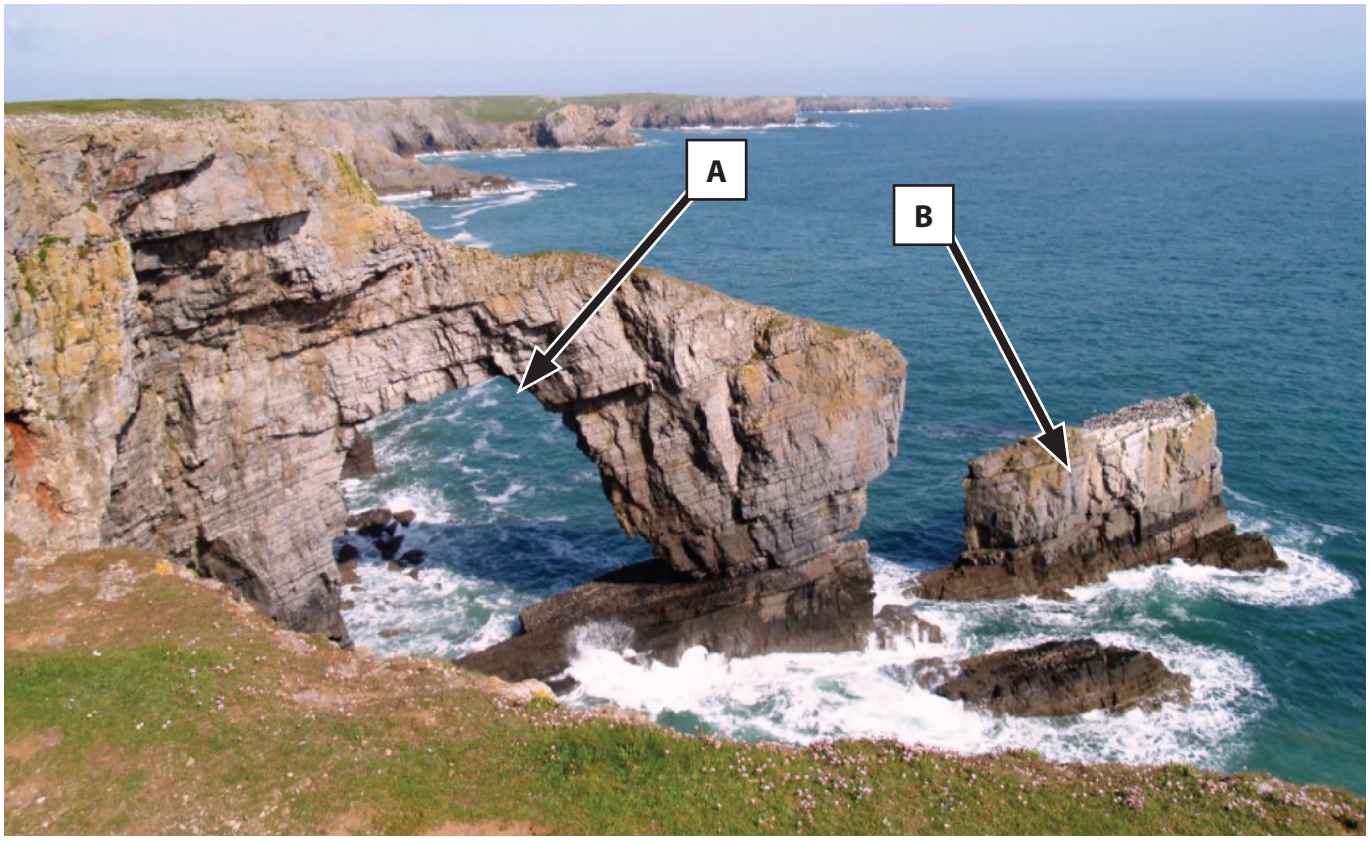

Figure 1

A coastal landscape in West Wales

This resource relates to Question 2.

Figure 2

An area of East London that is undergoing urban change

This resource relates to Question 4.

Number of species present	0	6	0	4	9	5	10	11	19
Examples of plant species	none	Sea couch grass Sea rocket	none	Marram grass	Gorse Heather	Sedge	Heather	Grass	Oak woodland

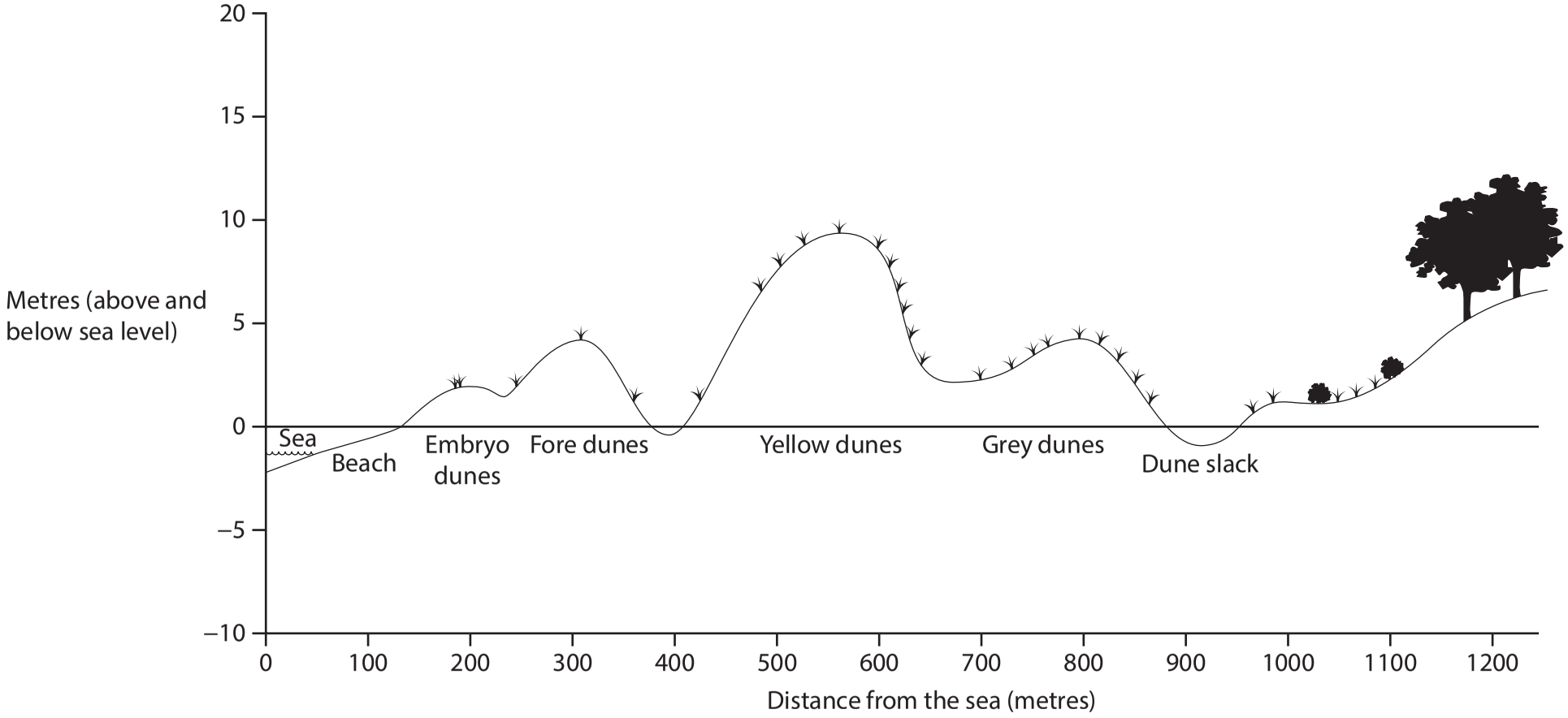

Figure 3a

A model of sand dune development and structure

This resource relates to Question 5.

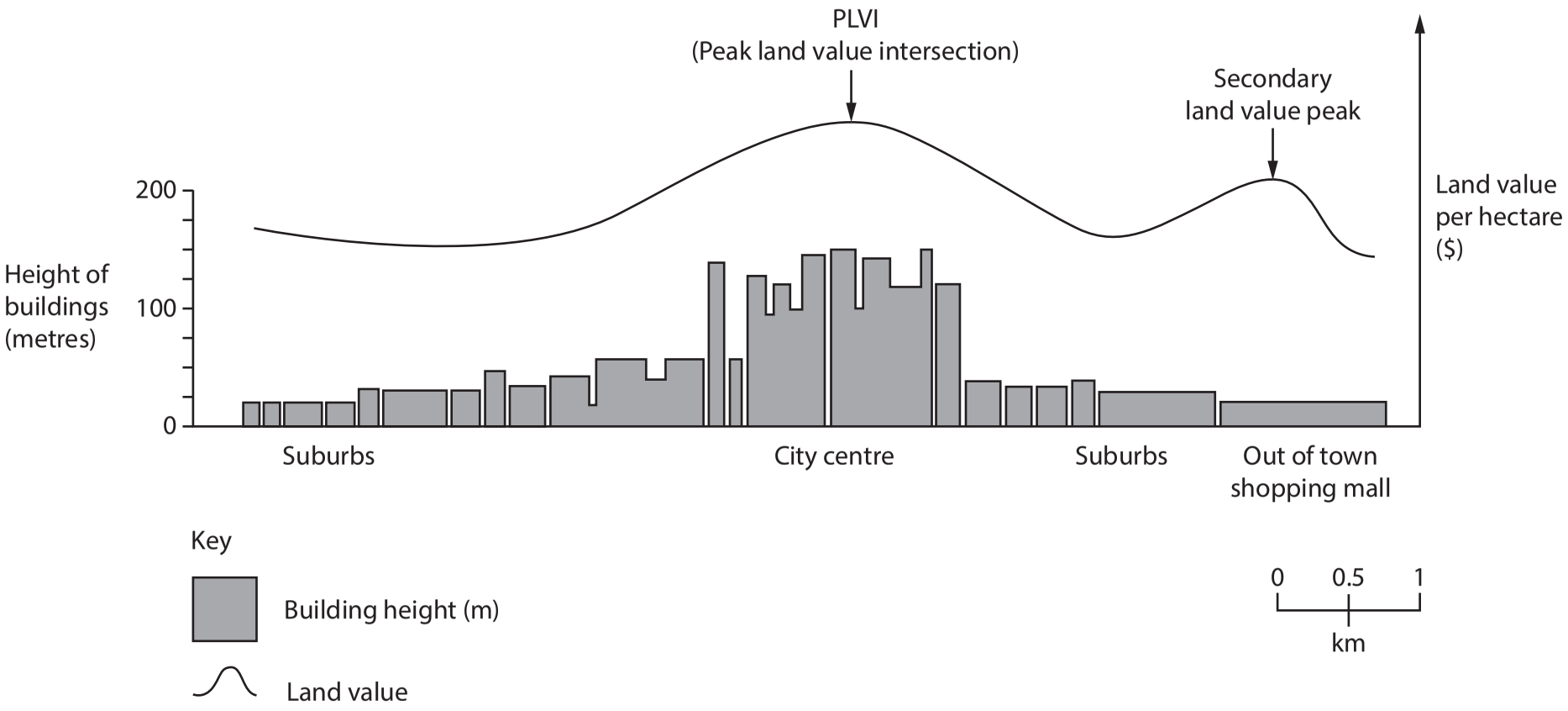

Figure 4a

A model of land values and building height in an urban area

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Acknowledgements

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

Figure 1 adapted from : https://www.flickr.com/photos/geography_southwest/4719938915/in/photostream/

Figure 2 adapted from: https://www.flickr.com/photos/geography_southwest/48077596386/in/pool-4580497@N24/

Figure 3a adapted from: https://www.flickr.com/photos/geography_southwest/48812525286/in/pool-14692498@N22/

Figure 4a adapted from: https://www.flickr.com/photos/geography_southwest/48802668282/