

Paper Reference 1GB0/02
Pearson Edexcel
Level 1/Level 2 GCSE (9–1)

Total Marks

Geography B

Paper 2: UK Geographical Issues

Wednesday 3 June 2020 – Morning

Time: 1 hour 30 minutes plus your additional time allowance.

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

Surname					
Other names					
Centre Number					
Candidate Number					

YOU MUST HAVE

Calculator

YOU WILL BE GIVEN

Diagram Book

INSTRUCTIONS

Answer ALL questions in Sections A and B

**In Section C1 answer EITHER Question 8 OR
Question 9**

**In Section C2 answer EITHER Question 10 OR
Question 11**

**Answer the questions in the spaces provided in this
Question Paper or in the Diagram Book – there may be
more space than you need.**

**You must show all your working out with your
answer clearly identified at the end of your
solution.**

Turn over

INFORMATION

The total mark for this paper is 94

**The marks for EACH question are shown in brackets
– use this as a guide as to how much time to spend on
each question.**

**The marks available for spelling, punctuation and
grammar are clearly indicated.**

There may be spare copies of some diagrams.

ADVICE

**Read each question carefully before you start to
answer it.**

Check your answers if you have time at the end.

SECTION A

The UK's Evolving Physical Landscape

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

Some questions are multiple choice. Write the letter(s) of your chosen answer(s) in the box(es) provided.

1. Study Figure 1 in the Diagram Book.

It shows a photograph of a landscape in Cumbria, northern England.

(a) Identify which ONE of the following is the best description of the distribution of woodland.

A It is found only on the highest ground

B It is mostly on steep valley slopes

C It is mostly on flatter ground

D It is found in all areas

Answer

(1 mark)

(continued on the next page)

1. continued.

(b) Identify which ONE of the following is a region of the UK dominated by igneous rocks.

A The south–east of England

B The north–west of Scotland

C The east of England

D The south of Wales

Answer

(1 mark)

(continued on the next page)

1. continued.

(c) Explain ONE characteristic of sedimentary rocks.

(2 marks)

(Total for Question 1 = 4 marks)

Coastal Change and Conflict

2. (a) Study Figure 2 in the Diagram Book.

It shows a part of the coastline of
Aberdeenshire, Scotland.

(i) Identify ONE type of hard engineering used
to protect this coastline.

(1 mark)

(continued on the next page)

2. (a) continued.

(ii) Identify which ONE of the following is most likely to result in rapid coastal erosion.

A Low wave energy and easily eroded rocks

B High wave energy and easily eroded rocks

C Low wave energy and resistant rocks

D High wave energy and resistant rocks

Answer

(1 mark)

(continued on the next page)

2. (a) continued.

**(iii) Explain ONE way in which hard engineering
can reduce coastal erosion.**

(2 marks)

(continued on the next page)

2. continued.

(b) Explain ONE reason why some coastlines are protected whilst others are not.

(4 marks)

[illegible]

(Total for Question 2 = 8 marks)

River Processes and Pressures

3. Study Figure 3 in the Diagram Book.

It shows a flood risk map for part of Reading, Berkshire.

(a) Identify which ONE of the following is the best description of the flood risk in this part of Reading.

- A The north–east area of the map has many areas at risk**
- B The western half of the map has most of the flood–risk areas**
- C The B3031 will often be closed because of flooding**
- D There are more high–risk areas than low–risk areas**

Answer

(1 mark)

(continued on the next page)

Turn over

3. continued.

(b) Explain ONE way in which human activity can increase the risk of river flooding.

(2 marks)

(continued on the next page)

3. continued.

(c) Explain how both the processes of erosion and deposition create river meanders.

You may use a diagram if you feel you would like to.

(4 marks)

Answer lines continue on the next page.

3. (c) continued.

(Total for Question 3 = 7 marks)

Investigating a UK Geographical Issue

4. Analyse Figure 4 in the Diagram Book.

It shows selected glaciated and unglaciated landscapes in the UK.

Assess the varied impact of glaciation on the landscape of the United Kingdom.

(8 marks)

Answer lines continue on the next two pages.

4. continued.

[illegible]

Turn over

4. continued.

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(Total for Question 4 = 8 marks)

TOTAL FOR SECTION A = 27 MARKS

Turn over

SECTION B**The UK's Evolving Human Landscape**

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

Some questions are multiple choice. Write the letter(s) of your chosen answer(s) in the box(es) provided.

5. (a) Study Figure 5 in the Diagram Book.

It shows the views of some residents in a rural community in north–west Wales who have been asked to comment on the impact of English migrants.

(i) Identify which ONE of the following is a positive impact of English migrants on the local community.

- A Houses too expensive for locals**
- B Protection of the Welsh language**
- C Keeping the school open**
- D Ruining Welsh identity**

Answer

(1 mark)

(continued on the next page)

Turn over

5. (a) continued.

(ii) State TWO reasons why some people retire to rural areas in the UK.

(2 marks)

1 _____

2 _____

(continued on the next page)

5. continued.

(b) Explain TWO reasons why transnational corporations (TNCs) have become more important to the UK economy.

(4 marks)

1 _____

2 _____

(Total for Question 5 = 7 marks)

Turn over

Dynamic UK Cities

6. (a) Study Figure 6 in the Diagram Book. It shows a suburban high street before and after urban regeneration.
- (i) Identify which ONE of the following is the most obvious change to this suburban high street.
- A** The buildings have been extended upwards
 - B** There are fewer shops and offices
 - C** Most of the buildings have been painted
 - D** There are more houses

Answer

(1 mark)

(continued on the next page)

Turn over

6. (a) continued.

(ii) Identify ONE piece of evidence that this is a high street in the suburbs rather than in a city centre.

(1 mark)

(iii) Explain ONE strategy for making urban living more sustainable.

(2 marks)

(continued on the next page)

6. continued.

(b) For a UK city that you have studied, explain
ONE negative impact and ONE positive impact
of regeneration on local people.

(4 marks)

Answer lines continue on the next page.

UK city _____

Negative impact

Positive impact

6. (b) continued.

(continued on the next page)

6. continued.

(c) For a UK city that you have studied, explain the differences between the land use in the central business district (CBD) and in the urban–rural fringe.

(4 marks)

UK city _____

(Total for Question 6 = 12 marks)

Turn over

Investigating a UK Geographical Issue

In this question, up to four additional marks will be awarded for your spelling, punctuation, grammar and use of specialist terminology.

- 7. (a) Analyse the information in Figure 7 in the Diagram Book. It shows variations in gross disposable income (GDI) per head in 2017, between UK regions and within those regions.**

Assess the possible impacts of these variations in gross disposable income (GDI) per head.

(8 marks)

Answer lines continue on the next four pages.

7. (a) continued.

[illegible]

Turn over

7. (a) continued.

[illegible]

Turn over

7. (a) continued.

[illegible]

Turn over

7. (a) continued.

(Spelling, punctuation, grammar and use of specialist terminology = 4 marks)

(Total for Question 7 = 12 marks)

TOTAL FOR SECTION B = 31 MARKS

SECTION C1**Geographical Investigations: Fieldwork in a Physical Environment**

Answer EITHER Question 8 OR Question 9 in this section.

Write your answers in the spaces provided.

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.

If you answer Question 8 put a cross in this box

☐

Coastal Change and Conflict

8. You have carried out your own fieldwork investigating the impact of coastal management on coastal processes and communities.

Name your coastal fieldwork location:

- (a) Explain ONE method that you used to collect your primary data.
(2 marks)

(continued on the next page)

Turn over

8. continued.

(b) Using an annotated diagram, explain how you used a graph to present your fieldwork data.

(4 marks)

Answer lines continue on the next page.

Turn over

8. (b) continued.

(continued on the next page)

8. continued.

(c) Explain how geographical case studies and theories helped in the analysis of your data.

(4 marks)

[illegible]

(continued on the next page)

8. continued.

(d) In 2018 a group of 20 students stayed in a hostel in New Quay/Ceinewydd, west Wales, for two days to carry out their fieldwork into the impact of coastal management on coastal processes.

They decided to measure beach profiles at two contrasting locations to investigate whether coastal management affected beach gradients.

They used the 1 : 25,000 OS map in the Diagram Book (Figure 8) to choose the two contrasting locations for their data collection.

(continued on the next page)

8. (d) continued.

Assess the factors that the students should have considered when selecting their two contrasting locations.

You must use evidence from Figure 8 to support your answer.

(8 marks)

Answer lines continue on the next two pages.

8. (d) continued.

[illegible]

Turn over

8. (d) continued.

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(Total for Question 8 = 18 marks)

Turn over

Do not answer Question 9 if you have answered Question 8.

If you answer Question 9 put a cross in this box

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Investigating River Processes and Pressures

9. You have carried out your own fieldwork investigating the influence of drainage basin and channel characteristics on flood risk.

Name your river fieldwork location:

- (a) Explain ONE method that you used to collect your primary data.
(2 marks)

(continued on the next page)

Turn over

9. continued.

(b) Using an annotated diagram, explain how you used a graph to present your fieldwork data.

(4 marks)

Answer lines continue on the next page.

Turn over

9. (b) continued.

(continued on the next page)

9. continued.

(c) Explain how geographical case studies and theories helped in the analysis of your data.

(4 marks)

(continued on the next page)

9. continued.

(d) In 2018 a group of 20 students stayed in a hostel in Gunnerside, North Yorkshire, for two days to carry out their fieldwork into the impact of drainage basin and channel characteristics on flood risk.

They decided to measure channel characteristics at two contrasting locations to investigate the impact of channel characteristics on flood risk.

They used the 1:25,000 OS map in the Diagram Book (Figure 9) to choose the two contrasting locations for their data collection.

(continued on the next page)

9. (d) continued.

Assess the factors that the students should have considered when selecting their two contrasting locations.

You must use evidence from Figure 9 to support your answer.

(8 marks)

Answer lines continue on the next two pages.

9. (d) continued.

[illegible]

Turn over

9. (d) continued.

[illegible]

(Total for Question 9 = 18 marks)

TOTAL FOR SECTION C1 = 18 MARKS

SECTION C2**Geographical Investigations: Fieldwork in a Human Environment**

Answer EITHER Question 10 OR Question 11 in this section.

Write your answers in the spaces provided.

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.

If you answer Question 10 put a cross in this box

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Investigating Dynamic Urban Areas

10. A group of **20** students carried out fieldwork investigating environmental quality in two contrasting urban areas.

They conducted an environmental quality survey in **10** streets in each area.

They assessed the levels of graffiti, traffic noise, litter and pavement quality on a scale of **+2** to **−2** for each factor, with **+2** indicating a very positive view and **−2** indicating a very negative view.

Their results are shown in Figure 10 in the Diagram Book.

(continued on the next page)

10. continued.

(a) Calculate the 'Total score' for Lower Walton.

You must show your working.

(2 marks)

Total score = _____

(continued on the next page)

10. continued.

(b) Explain ONE method that the students might have used to select the streets that they surveyed.

(2 marks)

(continued on the next page)

10. continued.

(c) Suggest ONE way in which secondary data might have been used in this investigation.

(2 marks)

(continued on the next page)

10. continued.

- (d) Suggest TWO reasons why the students concluded that Westgate and Lower Walton had more differences than similarities.

(4 marks)

1 _____

2 _____

(continued on the next page)

Turn over

10. continued.

- (e) You have conducted your own fieldwork into the reasons why the quality of life varies within an urban area.

Assess the strengths and weaknesses of the methods that you used to collect your primary data.

(8 marks)

Answer lines continue on the next two pages.

Named urban area:

Turn over

10. (e) continued.

[illegible]

Turn over

10. (e) continued.

[illegible]

(Total for Question 10 = 18 marks)

Turn over

Do not answer Question 11 if you have answered Question 10.

If you answer Question 11 put a cross in this box

☐

Investigating Changing Rural Settlements

11. A group of **20** students carried out fieldwork investigating environmental quality in two contrasting rural areas.

They conducted an environmental quality survey in **10** streets in each village.

They assessed the levels of graffiti, traffic noise, litter and pavement quality on a scale of **+2** to **−2** for each factor, with **+2** indicating a very positive view and **−2** indicating a very negative view.

Their results are shown in Figure 11 in the Diagram Book.

(continued on the next page)

11. continued.

(a) Calculate the 'Total score' for Winterbourne Abbott.

You must show your working.

(2 marks)

Total score = _____

(continued on the next page)

11. continued.

(b) Explain ONE method that the students might have used to select the streets that they surveyed.

(2 marks)

(continued on the next page)

11. continued.

(c) Suggest ONE way in which secondary data might have been used in this investigation.

(2 marks)

(continued on the next page)

11. continued.

- (d) Suggest TWO reasons why the students concluded that Lower Withering and Winterbourne Abbott had more differences than similarities.

(4 marks)

1 _____

2 _____

(continued on the next page)

Turn over

11. continued.

- (e) You have conducted your own fieldwork into the reasons why deprivation varies within rural areas.

Assess the strengths and weaknesses of the methods that you used to collect your primary data.

(8 marks)

Answer lines continue on the next two pages.

Named rural area:

Turn over

11. (e) continued.

[illegible]

Turn over

11. (e) continued.

[illegible]

(Total for Question 11 = 18 marks)

Turn over

TOTAL FOR SECTION C2 = 18 MARKS

TOTAL FOR PAPER = 94 MARKS

END OF PAPER

Acknowledgements

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FIGURE 2 © Kenslens Photography/Alamy

**FIGURE 4 adapted from: https://www.pietsmulders.nl/engeland_glaciated-upland-landscapes.html with
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**FIGURE 6 Photographer 'Morley von Sternberg' for the
'after image' and Jan Kattein Architects for the
'before image'**

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