



Surname _____

Other Names _____

Centre Number _____

Candidate Number _____

Candidate Signature _____

I declare this is my own work.

**GCSE
GEOGRAPHY**

8035/1

**Paper 1 Living with the
Physical Environment**

Time allowed: 1 hour 30 minutes

**At the top of the page, write your surname
and other names, your centre number, your
candidate number and add your signature.**

[Turn over]



J U N 2 1 8 0 3 5 1 0 1

MATERIALS

For this paper you must have:

- **the OS key insert (enclosed)**
- **the Question paper insert (enclosed)**
- **a pencil**
- **a rubber**
- **a ruler.**

You may use a calculator.

INSTRUCTIONS

- **Use black ink or black ball-point pen.**
- **Answer ALL questions in Section A AND Section B.**
- **Answer TWO questions in Section C.**
- **You must answer the questions in the spaces provided. Do not write on blank pages.**
- **If you need additional extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).**
- **Do all rough work in this book. Cross through any work you do not want to be marked.**



INFORMATION

- **The marks for questions are shown in brackets.**
- **The total number of marks available for this paper is 88.**
- **Spelling, punctuation, grammar and specialist terminology will be assessed in Question 01.11.**

**DO NOT TURN OVER UNTIL TOLD
TO DO SO**



For the multiple-choice questions, shade the circle next to the correct answer.

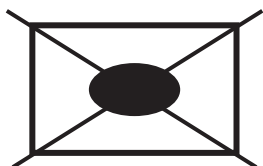
CORRECT METHOD



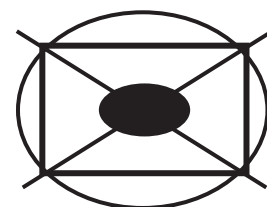
WRONG METHODS



If you want to change your answer you must cross out your original answer as shown.



If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown.



SECTION A – The challenge of natural hazards

Answer ALL questions in this section.

QUESTION 1 The challenge of natural hazards

Study FIGURE 1, on page 3 of the insert, a graph showing the deadliest natural disasters between 1990 and 2018.

01 . 1

**Using FIGURE 1, which natural disaster caused the greatest number of deaths?
[1 mark]**

[Turn over]



01 . 2

Using FIGURE 1, which ONE of the following statements is true?

Shade ONE circle only. [1 mark]

- ☐ **A The two earthquakes in Iran caused 92 000 deaths.**
- ☐ **B The cyclone in Bangladesh killed more people than the cyclone in Myanmar.**
- ☐ **C The two heatwaves in Central Europe and Russia resulted in 126 000 deaths.**
- ☐ **D The earthquake in China killed more people than the earthquake in Pakistan.**



0	1	.	3
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Explain how living in areas that are at risk from a tectonic hazard(s) may have both advantages and disadvantages.
[6 marks]

[Turn over]



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Study FIGURE 2, on pages 4 and 5 of the insert, a map showing the tectonic plates in and around North America and South America.

01 . 4

Using FIGURE 2, which ONE of the following statements is true?

Shade ONE circle only. [1 mark]

☐

A The Nazca Plate is moving towards the Pacific Plate.

☐

B Earthquakes are found in long narrow zones along plate margins.

☐

C Earthquakes are mainly found along the eastern sides of continents.

☐

D The North American Plate is moving away from the Pacific Plate.

[Turn over]



0	1	.	5
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Using FIGURE 2, name the type of plate margin at X. [1 mark]

0	1	.	6
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Suggest why earthquakes and volcanic eruptions happen close to the plate margin at Y.

Use FIGURE 2 and your own understanding. [4 marks]



01 . 7

State TWO ways that planning might help to reduce the damaging effects of an earthquake or a volcanic eruption.
[2 marks]

1 _____

2 _____

Study FIGURE 3, on page 6 of the insert, a diagram showing the global pattern of air pressure and surface winds.

0 1 . 8

Using FIGURE 3, which ONE of the following statements is true?

Shade ONE circle only. [1 mark]

- ☐ **A Air sinks at the Equator.**
- ☐ **B The southeast trade winds blow from the Equator to 30° N and S.**
- ☐ **C High pressure occurs where the air is sinking.**
- ☐ **D Polar easterlies blow from 60° N and S towards the poles.**

[Turn over]



0	1	.	9
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Using FIGURE 3, describe the link between air pressure and surface winds. [2 marks]

0	1	.	1	0
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Suggest why areas close to the Equator usually have high rainfall.

Use FIGURE 3 and your own understanding. [2 marks]

[Turn over]



Study FIGURE 4, on page 7 of the insert, photographs showing some causes of climate change.

01 . 11

To what extent is climate change the result of human actions?

Use FIGURE 4 and your own understanding.

[9 marks] [+ 3 SPaG marks]

[illegible]

[Turn over]



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[End of Section A]

[Turn over]



SECTION B – The living world

Answer ALL questions in this section.

QUESTION 2 The living world

0 2 . 1

Which ONE of the following phrases defines the term biodiversity?

Shade ONE circle only. [1 mark]

☐

A How living things affect each other and the environment.

☐

B The number and types of plants and animals that live in an area.

☐

C Energy flows between living things when they eat or are eaten.

☐

D How plants and animals are adapted to their habitats.



Study FIGURE 5, on page 8 of the insert, a world map showing global biodiversity levels.

0 2 . 2

**Using FIGURE 5, describe the location of areas with low biodiversity levels.
[2 marks]**

[Turn over]



02 . 3

Using FIGURE 5, suggest ONE reason for the high biodiversity levels in area X.
[2 marks]

0	2	.	4
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Outline ONE way that plants are adapted to the climate in EITHER hot deserts OR cold environments. [2 marks]

[Turn over]



02 . 5

Assess the importance of inaccessibility and extreme temperatures as challenges to development in ONE of the following environments.

HOT DESERT ENVIRONMENT

COLD ENVIRONMENT

Tick (✓) the box to show which environment you have chosen. [6 marks]

Hot desert environment ☐

Cold environment ☐

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[Turn over]





Study FIGURE 6, on page 9 of the insert, a graph showing global forest loss from 2011 to 2017.

0 2 . 6

Using FIGURE 6, calculate the mean global forest loss from 2011 to 2017.

**Give your answer to ONE decimal place.
[1 mark]**

_____ million hectares

[Turn over]



02 . 7

Calculate the percentage change in global forest loss between 2011 and 2017.

Shade ONE circle only. [1 mark]

☐ **A 62%**

☐ **B 68%**

☐ **C 74%**

☐ **D 80%**

02 . 8

State ONE way that debt reduction can help to make tropical rainforests more sustainable. [1 mark]



Study FIGURE 7, on page 10 of the insert, statements about deforestation in an LIC or NEE.

02 . 9

‘Tropical rainforests should be protected from economic development.’

Do you agree?

Explain your answer.

Use FIGURE 7 and your own understanding. [9 marks]

[Turn over]



30

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[Turn over]



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[End of Section B]



SECTION C – Physical landscapes in the UK

**Answer TWO questions from the
following:**

**Question 3 (Coasts), Question 4 (Rivers),
Question 5 (Glacial).**

[Turn over]



Question 3 Coastal landscapes in the UK

Study FIGURE 8, on page 11 of the insert, an Ordnance Survey map of part of the coastline in Norfolk.

03 . 1

Using FIGURE 8, how long is the coastline between points X and Y?

Shade ONE circle only. [1 mark]

☐ **A 2.4 km**

☐ **B 2.8 km**

☐ **C 3.2 km**

☐ **D 3.6 km**



0	3	.	2
---	---	---	---

Using FIGURE 8, what direction would you be facing from the lighthouse at 676421 to the dunes at 690433? [1 mark]

[Turn over]



03 . 3

Using FIGURE 8, describe ONE piece of evidence which suggests that Hunstanton is a tourist resort. [2 marks]

Study FIGURE 9, on page 12 of the insert, a photograph taken along the stretch of coastline shown in FIGURE 8.

03 . 4

Suggest ONE type of mass movement that is affecting these cliffs. [1 mark]

[Turn over]



0 3 . 5

Explain the formation of a spit. [4 marks]

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[Turn over]



Study FIGURE 10 and FIGURE 11, on pages 14 and 15 of the insert, photographs showing soft engineering strategies.

03 . 6

Discuss the costs and benefits of soft engineering strategies in protecting coastlines.

Use FIGURE 10 and FIGURE 11 and your own understanding. [6 marks]



[illegible]

[Turn over]



[End of Question 3]



QUESTION 4 River landscapes in the UK

Study FIGURE 12, on page 16 of the insert, an Ordnance Survey map of part of Dartmoor National Park.

04 . 1

Using FIGURE 12, identify a feature of the East Dart River at 627811. [1 mark]

[Turn over]



04 . 2

Describe the relief (height and shape of the land) in the highlighted grid square 6082. [2 marks]

Study FIGURE 13, on page 17 of the insert, a photograph of the East Dart River taken looking upstream from point X on FIGURE 12.

04 . 3

Using FIGURE 12 and FIGURE 13, which direction was the photographer facing when the picture was taken?

Shade ONE circle only. [1 mark]

☐ **A North east**

☐ **B East**

☐ **C South**

☐ **D South west**

[Turn over]



0	4	.	4
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Suggest ONE way that the river valley shown in FIGURE 13 may change as it goes downstream. [1 mark]

0	4	.	5
---	---	---	---

Explain the formation of an ox-bow lake. [4 marks]



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[Turn over]



Study FIGURE 14, on page 18 of the insert, a diagram showing flood management strategies.

04 . 6

Discuss how flood management strategies may have impacts on people and the environment.

Use FIGURE 14 and an example you have studied. [6 marks]

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[Turn over]



[End of Question 4]



QUESTION 5 Glacial landscapes in the UK

Study FIGURE 15, on page 19 of the insert, an Ordnance Survey map showing part of Snowdonia in Wales.

0 5 . 1

**Using FIGURE 15, what is the difference in height between the spot height at 556577 and the spot height at 532577?
[1 mark]**

_____ metres

[Turn over]



0	5	.	2
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Using FIGURE 15, describe the land use shown in the highlighted grid square 5456. [2 marks]

Study FIGURE 16, on page 20 of the insert, a photograph looking north west across Llyn Cwellyn shown on FIGURE 15.

0 5 . 3

Using FIGURE 15 and FIGURE 16, identify the grid square where point X is located.

Shade ONE circle only. [1 mark]

☐ **A 5555**

☐ **B 5354**

☐ **C 5654**

☐ **D 5554**

[Turn over]



0	5	.	4
---	---	---	---

Using FIGURE 16, suggest ONE piece of evidence that shows this area was glaciated. [1 mark]

0	5	.	5
---	---	---	---

Explain the formation of a hanging valley. [4 marks]



Study FIGURE 17, on page 21 of the insert, information about the Snowdon Sherpa bus service.

05 . 6

Discuss the success of strategies used to manage the impacts of tourism in glaciated upland areas.

Use FIGURE 17 and an example you have studied. [6 marks]

[illegible]

[Turn over]



END OF QUESTIONS



Additional page, if required. Write the question numbers in the left-hand margin.

[illegible]

Additional page, if required. Write the question numbers in the left-hand margin.

[illegible]

Additional page, if required. Write the question numbers in the left-hand margin.

[illegible]

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For Examiner's Use	
Question	Mark
1	
2	
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TOTAL	

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