

Please check the examination details below before entering your candidate information			
Candidate surname		Other names	
Centre Number		Candidate Number	
Pearson Edexcel Level 3 GCE			
Tuesday 12 May 2026			
Morning (Time: 2 hours 15 minutes)		Paper reference	9GE0/01
Geography Advanced PAPER1			
You must have: Resource Booklet (enclosed) Calculator, ruler			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 Section **A**, and Section **C**.
- Answer **either** Question 2 **or** Question 3 in Section **B**.
- Answer the questions in the spaces provided – *there may be more space than you need.*

Information

- The total mark for this paper is 105.
- 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.
- You should show all your working out with your answer.

Turn over ►

SECTION A**Tectonic Processes and Hazards**

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

- 1** Study Figure 1 below.

This shows the annual rates of movement of selected tectonic plates.

Tectonic plate	Annual rate of movement (mm per year)
Arabian	26
Caribbean	30
Cocos	49
Eurasian	18
Indian	48
Nazca	28
North American	25
Pacific	85
South American	47

Figure 1

Annual rates of movement of selected plates, in mm

- (a) (i) Calculate the **mean** rate of movement of these plates.

Give your answer to **two** decimal places.

(1)

.....mm

- (ii) Calculate the **median** rate of movement of these plates.

(1)

.....mm

- (iii) Calculate the **interquartile range (IQR)** for the rate of movement of these plates.

Show your working below.

(2)

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(b) Assess the relative importance of physical processes in influencing the impacts of ear thquakes.

(12)

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(Total for Question 1 = 16 marks)

TOTAL FOR SECTION A = 16 MARKS

SECTION B

Landscape Systems, Processes and Change

Answer ONE question in this section – either Question 2 OR Question 3.

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 2, put a cross in the box ☐.

Glaciated Landscapes and Change

You must use the Resource Booklet provided.

2 Study Figure 2a in the Resource Booklet.

- (a) Explain how the landscape of relict glaciated areas, such as the Lake District National Park, contributes to their economic value.

(6)

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(b) Explain how fluvio-glacial processes contribute to the glacial landscape shown.

(6)

(c) Explain why human activity can degrade the landscape and ecology of active glaciated landscapes.

(8)

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(d) Evaluate the view that the basal temperature of the ice is the most important influence on the rate of glacial movement.

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(Total for Question 2 = 40 marks)

Do not answer Question 3 if you have answered Question 2.

If you answer Question 3, put a cross in the box ☐ .

Coastal Landscapes and Change

You must use the Resource Booklet provided.

3 Study Figure 3a in the Resource Booklet.

(a) Explain how land value contributes to the different Shoreline Management Policy decisions shown.

(6)

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Study Figure 3b in the Resource Booklet.

(b) Explain how sediment transport and deposition contributes to the coastal landscape shown.

(6)

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(c) Explain why coastal recession can cause significant social and economic losses.

(8)

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(d) Evaluate the view that geology is the most important influence on the development of erosional coastal landscapes.

(20)

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(Total for Question 3 = 40 marks)

TOTAL FOR SECTION B = 40 MARKS

SECTION C

Physical Systems and Sustainability

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

You must use the Resource Booklet provided.

4 Study Figure 4a in the Resource Booklet.

(a) Explain **one** reason for the projected change in water use.

(3)

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(b) Explain why river flooding has impacts on soils and ecosystems.

(6)

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(c) Explain why human actions disrupt the flows of the drainage basin cycle.

(8)

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(d) Study Figure 4b in the Resource Booklet.

Assess the reasons why the future concentration of atmospheric carbon dioxide is uncertain.

(12)

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(e) Evaluate the view that for most countries achieving energy security is difficult.

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(Total for Question 4 = 49 marks)

TOTAL FOR PAPER = 105 MARKS

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