

Please check the examination details below before entering your candidate information

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|-------------------|--|--|--|--|------------------|--|--|--|--|
| Candidate surname |  |  |  |  | Other names      |  |  |  |  |
| Centre Number     |  |  |  |  | Candidate Number |  |  |  |  |
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**Pearson Edexcel International Advanced Level**

**Tuesday 14 May 2024**

Afternoon (Time: 1 hour 45 minutes)

Paper reference **WGE01/01**

**Geography**

**International Advanced Subsidiary**

**UNIT 1: Global Challenges**

**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 Section A. Answer **either** Question 5 **or** Question 6 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 90.
- 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

You must use the Resource Booklet.

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

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 ☒.

1 (a) Study Figure 1 in the Resource Booklet.

(i) Identify the country closest to the epicentre of the earthquake.

(1)

- ☐ **A** India
- ☐ **B** Thailand
- ☐ **C** Indonesia
- ☐ **D** Sri Lanka

(ii) Describe the distribution of deaths caused by the 2004 Asian tsunami.

(2)

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(iii) Suggest **one** reason for the variation in deaths caused by the 2004 Asian tsunami.

(2)

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(b) Explain **two** reasons why economic losses from natural disasters have increased since 1990.

(4)

1 .....

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2 .....

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(c) Explain why tectonic hazard responses vary between countries.

(6)

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(Total for Question 1 = 15 marks)



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2 Study Figure 2 in the Resource Booklet.

(a) (i) Explain how ice albedo feedback causes increased global temperatures.

(3)

(ii) Define the term **climate change tipping point**.

(2)

(b) Explain **two** ways to mitigate carbon emissions.

(4)

1

2



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(c) Explain why some farmers may not be able to adapt to the changing climate caused by global warming.

(6)

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(Total for Question 2 = 15 marks)



**3** Study Figure 3 in the Resource Booklet.

(a) (i) What key term would describe a company such as Nike?

(1)

- ☐ **A** Transinternational company
- ☐ **B** Transnational corporation
- ☐ **C** International corporation
- ☐ **D** National corporation

(ii) Describe the distribution of Nike's workforce.

(2)

(iii) Suggest **one** reason why a company such as Nike has outsourced their production.

(2)

(b) Explain how **two** named intergovernmental organisations (IGOs) have promoted globalisation.

(4)

1 .....

2 .....



(c) Explain the social and environmental problems that economic restructuring led to in many developed countries.

(6)

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(Total for Question 3 = 15 marks)



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**4** Study Figure 4 in the Resource Booklet.

(a) (i) Define the term **migration**.

(1)

(ii) Suggest **two** reasons why some countries have a high number of refugees seeking asylum.

(4)

1

2

(b) Explain the challenges of youthful populations for developing countries.

(4)



(c) Explain how globalisation has increased migration **both** within and between countries.

(6)

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(Total for Question 4 = 15 marks)

**TOTAL FOR SECTION A = 60 MARKS**





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(b) 'The magnitude and pace of current climate warming is different from climate change in the past.'

To what extent do you agree?

(20)

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(Total for Question 5 = 30 marks)



**Do not answer Question 6 if you have answered Question 5.**

**If you answer Question 6, put a cross in the box ☐.**

**6** Study Figure 6 in the Resource Booklet.

- (a) Suggest reasons for the changing share in the world's Gross Domestic Product (GDP).

(10)

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- (b) 'Rising populations and resource demands are an increasingly difficult challenge for megacities to manage.'

To what extent do you agree?

(20)

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(Total for Question 6 = 30 marks)

**TOTAL FOR SECTION B = 30 MARKS**  
**TOTAL FOR PAPER = 90 MARKS**



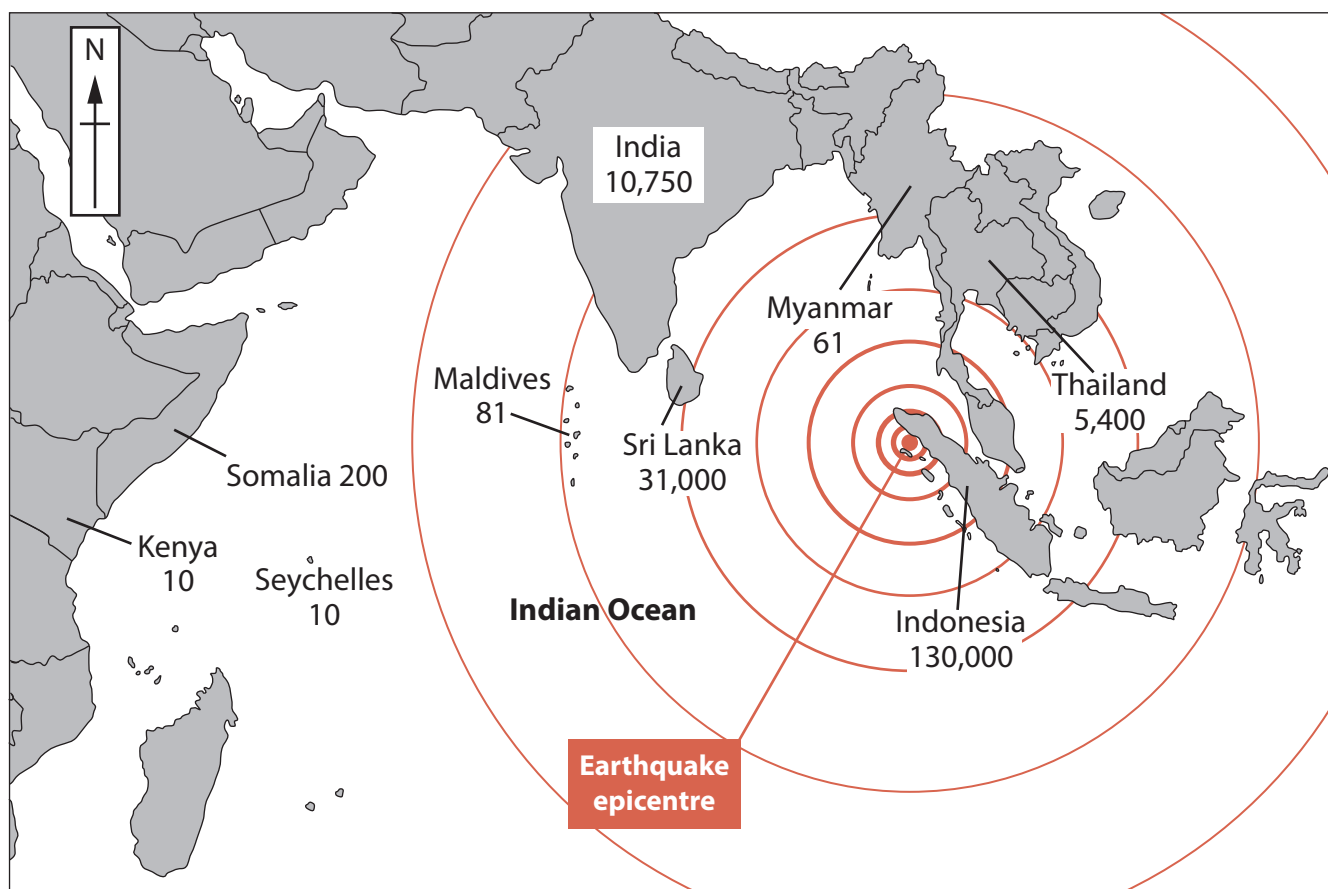
**Pearson Edexcel International Advanced Level****Tuesday 14 May 2024**

Afternoon (Time: 1 hour 45 minutes)

**Paper  
reference****WGE01/01****Geography****International Advanced Subsidiary****UNIT 1: Global Challenges****Resource Booklet****Do not return this Booklet with the question paper.***Turn over* ►**P75784A**©2024 Pearson Education Ltd.  
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## SECTION A

The following resource relates to Question 1.



Key

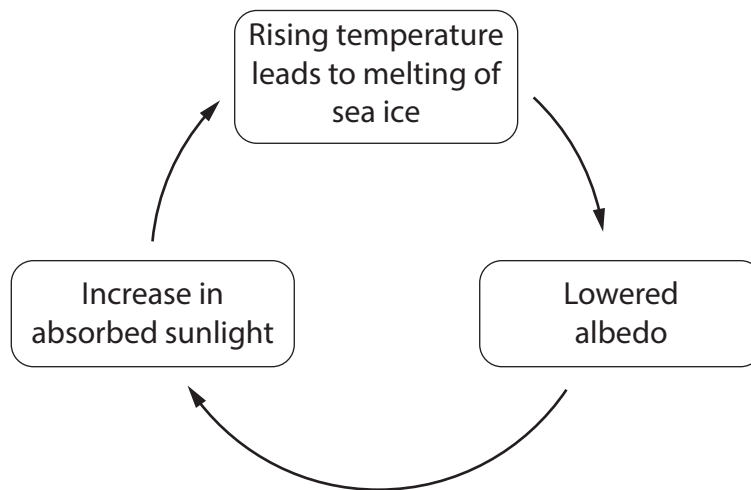
— Tsunami direction of travel

number = deaths

**Figure 1**

**Impact of the 2004 Asian earthquake and tsunami on selected countries**

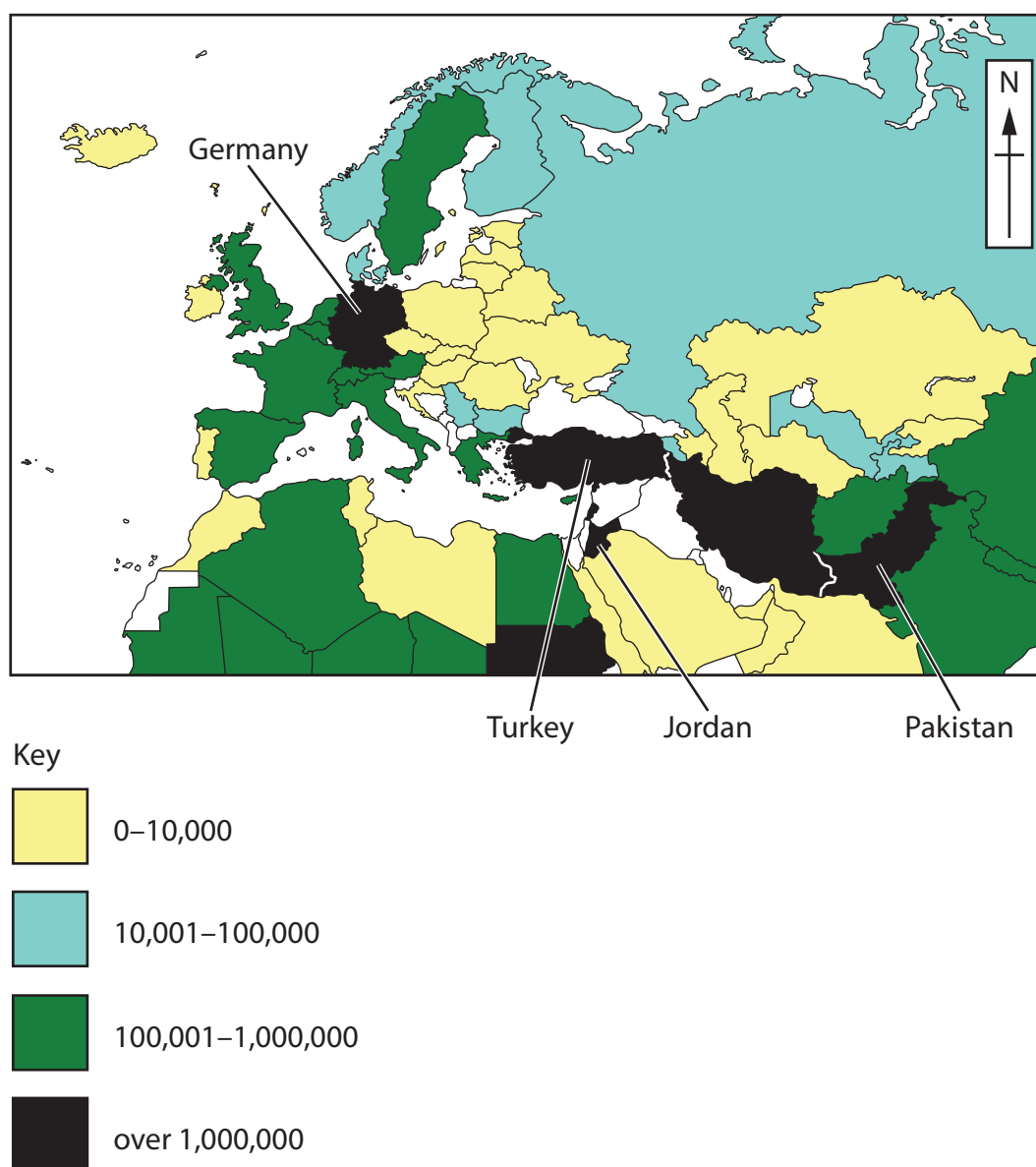
The following resource relates to Question 2.



**Figure 2**  
**Ice albedo feedback**



The following resource relates to Question 4.



**Figure 4**

**Number of refugees by country in which they are seeking asylum, 2021**

## SECTION B

The following resource relates to Question 5.

| Components of disaster risk | Haiti     | Japan     | Morocco |
|-----------------------------|-----------|-----------|---------|
| Hazard risk                 | Very high | Very high | Medium  |
| Capacity to cope            | Very low  | High      | Low     |
| Vulnerability               | Very high | Medium    | High    |

**Figure 5**

**A disaster risk assessment of three countries**

The following resource relates to Question 6.

| Year | China | USA | Europe |
|------|-------|-----|--------|
| 1820 | 32    | 3   | 26     |
| 1920 | 3     | 22  | 32     |
| 2020 | 20    | 26  | 22     |

**Figure 6**

**Changes in the share of the world's GDP, 1820–2020**

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**Acknowledgements:**

Figure 1: adapted from <https://www.theguardian.com/world>

Figure 2: adapted from <https://www.open.edu/openlearn/nature-environment/environment-understanding-atmospheric-and-ocean-flows/content-section-5.2>

