GradeMax

Please check the examination details below before entering your candidate information

Candidate surname	Other names

Centre Number | Candidate Number

Pearson Edexcel International Advanced Level

Tuesday 13 May 2025

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.*
- Calculators may be used.

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.*

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 number of people at risk from flooding in Bangladesh.

(1)

☒ **A** 12 million

☒ **B** 45 million

☒ **C** 94 million

☒ **D** 200 million

(ii) Suggest **two** reasons why the population at risk from flooding varies between the countries shown in Figure 1.

(4)

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(b) Explain why the impacts of tropical cyclones are often most severe in developing countries.

(4)

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(c) Explain how El Niño Southern Oscillation (ENSO) cycles can cause changes to flood and drought patterns.

(6)

(Total for Question 1 = 15 marks)

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2 Study Figure 2 in the Resource Booklet.

(a) (i) Compare global temperatures before and after the year 1980.

(2)

(ii) Explain **one** way volcanic eruptions can cause short-term climate change.

(3)

(b) Explain why some coastal cities are economically vulnerable to the impacts of rising sea levels.

(4)

(c) Explain why some countries have higher per capita greenhouse gas emissions than others.

(6)

(Total for Question 2 = 15 marks)

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3 Study Figure 3 in the Resource Booklet.

(a) (i) Identify the change in internet connectivity for Europe between 2013 and 2023.

(1)

☒ **A** +8.5%

☒ **B** +14.2%

☒ **C** +19.8%

☒ **D** +22.9%

(ii) Suggest **one** reason for the difference in internet connectivity between Africa and Europe in 2023.

(2)

(iii) Explain **one** reason why internet connections are important to transnational corporations (TNCs).

(2)

(b) Explain **two** costs of globalisation argued by anti-globalisation groups.

(4)

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(c) Explain why intergovernmental organisations (IGOs), such as the WTO and the IMF, have a controversial role in globalisation.

(6)

(Total for Question 3 = 15 marks)

4 Study Figure 4 in the Resource Booklet.

(a) (i) Describe the pattern of urbanisation in Africa.

(2)

(ii) Suggest **one** reason why urbanisation is increasing rapidly in some African countries.

(3)

(b) Explain **two** reasons why it is difficult for countries to manage international migration.

(4)

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(c) Suggest why projections of the size of the global population in the future are uncertain.

(6)

(Total for Question 4 = 15 marks)

TOTAL FOR SECTION A = 60 MARKS

SECTION B

Answer ONE question in this section – EITHER Question 5 OR Question 6.

Use the evidence provided in the Resource Booklet, your own ideas and examples.

If you answer Question 5, put a cross in the box ☒ .

5 Study Figure 5 in the Resource Booklet.

(a) Suggest reasons why these impacts of global warming will be uneven across the world.

(10)

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(b) 'Mega-disasters require a different scale and type of response compared to other natural disasters.'

To what extent do you agree?

(20)

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(Total for Question 5 = 30 marks)

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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 possible reasons for the differences in the 2021 KOF Globalisation Index scores for the five selected countries.

(10)

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(b) 'Negative impacts of urbanisation are experienced by people in megacities in countries at all levels of economic development.'

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

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Geography

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UNIT 1: Global Challenges

Resource Booklet

Do not return this Booklet with the question paper.

Turn over ▶

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SECTION A

The following resource relates to Question 1.

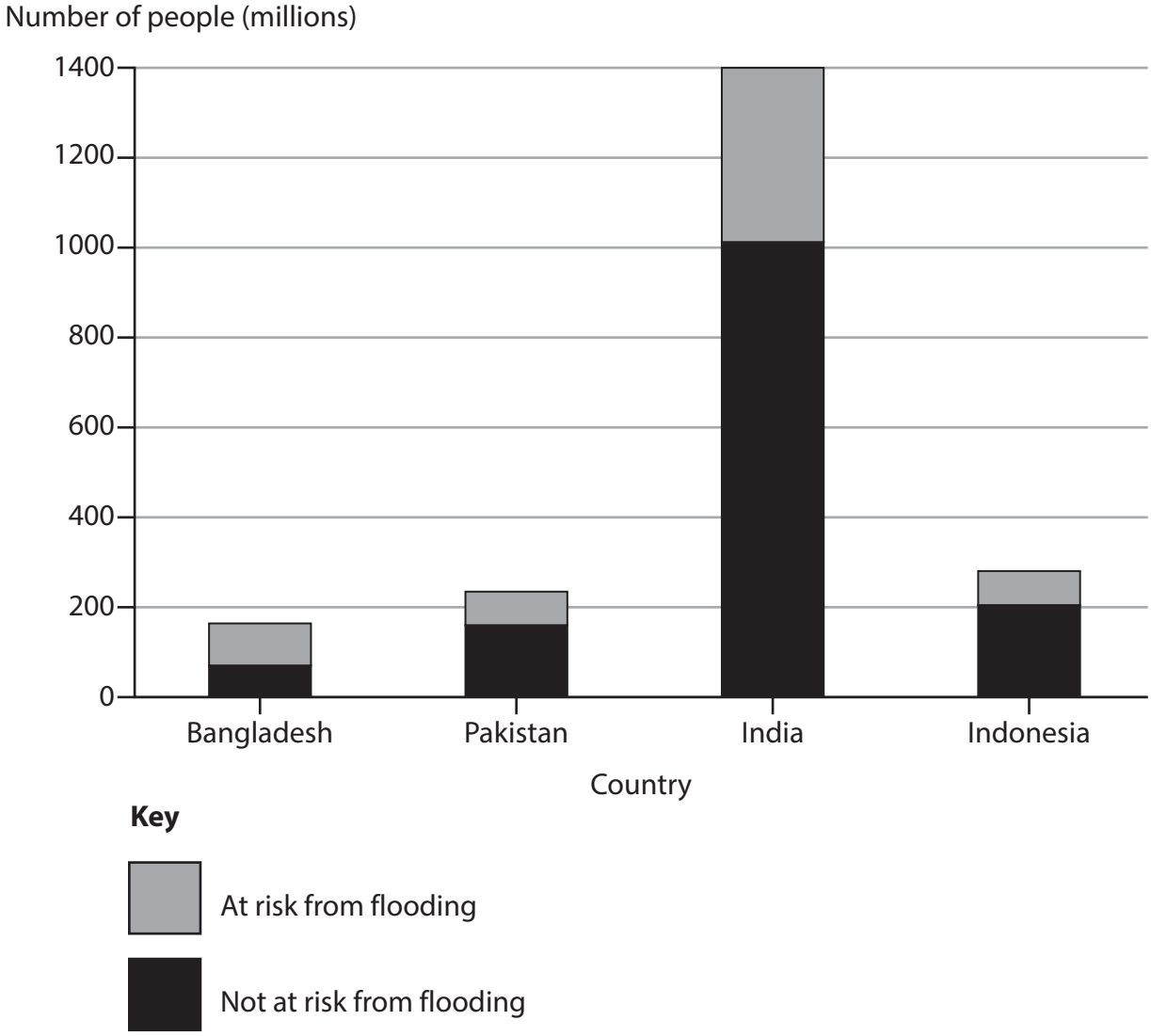

Figure 1

The population at risk from river and coastal flooding for four countries

The following resource relates to Question 2.

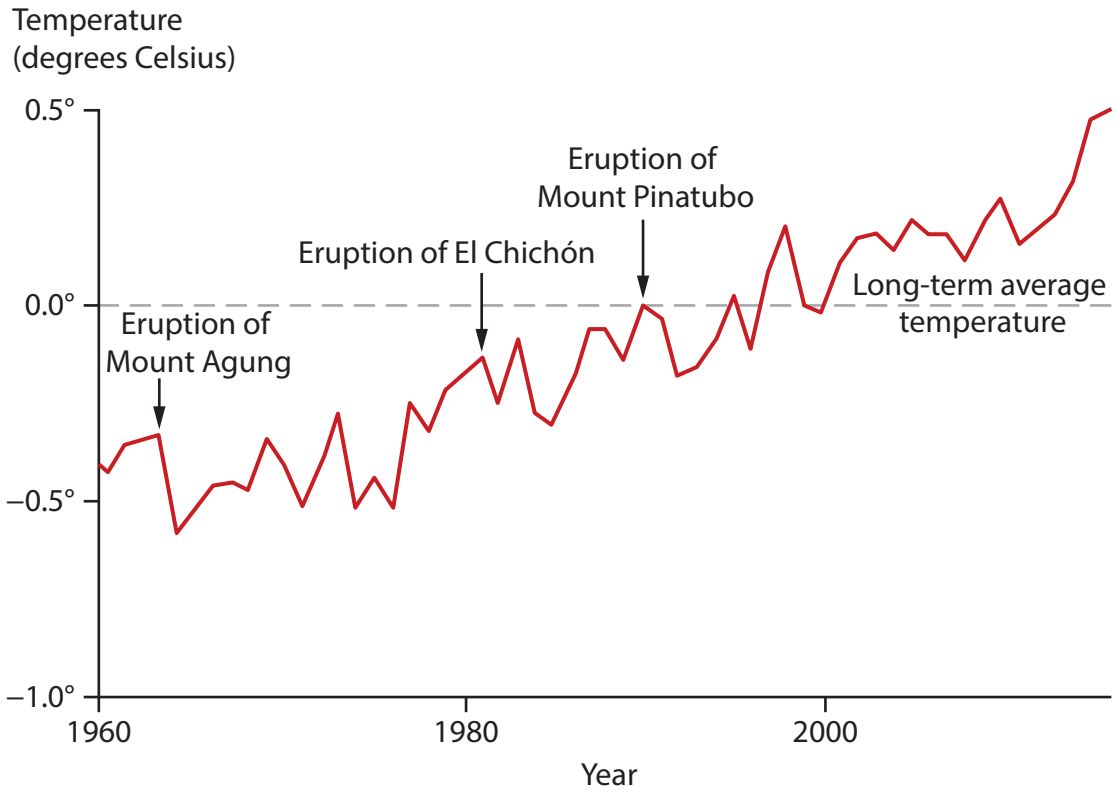

Figure 2

Global temperatures since 1960 compared to the global average

The following resource relates to Question 3.

Region	2013 (%)	2023 (%)
Africa	16.0	43.2
Asia	32.0	67.0
North and South America	61.0	93.4
Europe	75.0	89.2
Middle East	38.0	77.1

Figure 3

Percentage (%) of the population with internet connectivity in 2013 and 2023

The following resource relates to Question 4.

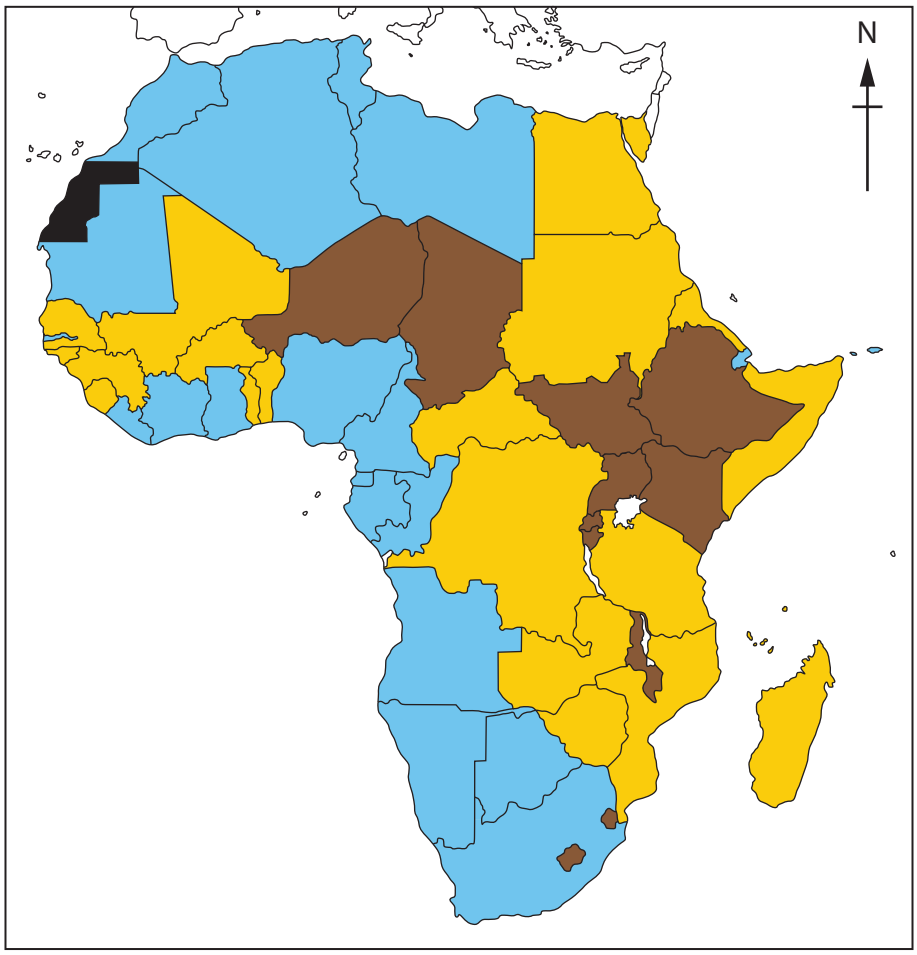

Figure 4

Percentage (%) urbanisation in African countries, 2021

SECTION B

The following resource relates to Question 5.

Glaciers	Glaciers are expected to lose 40% of their ice volume by 2050
Health	250,000 additional deaths per year from malnutrition, malaria and heat stress expected by 2050
Migrants	Climate change could force 1.2 billion people to move by 2050
Oceans	More than 90% of coral reefs will be degraded by 2050

Figure 5

Selected impacts of global warming by 2050

The following resource relates to Question 6.

Rank	Country	Score
3	Netherlands	90.3
25	USA	81.3
45	Mexico	73.0
101	India	62.5
177	Chad	44.5

Figure 6

The KOF Globalisation Index for five selected countries, 2021

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Acknowledgements

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

Figure 1: adapted from www.visualcapitalist.com

Figure 2: adapted from www.accuweather.com

Figure 4: adapted from www.ourworldindata.org