

Please check the examination details below before entering your candidate information

Candidate surname					Other names				
Centre Number					Candidate Number				

Pearson Edexcel International Advanced Level

Monday 8 January 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 Study Figure 1 in the Resource Booklet.

(a) (i) Identify the year with the largest number of geophysical disasters.

(1)

☐ A 2010

☐ B 2013

☐ C 2017

☐ D 2019

(ii) Describe the trend in hydrological disasters between 2010 and 2020.

(2)

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(iii) Suggest **one** reason why the number of meteorological disasters is rising over time.

(2)

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(b) Explain **two** causes of landslides.

(4)

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(c) Explain the global distribution of volcanic eruptions.

(6)

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(Total for Question 1 = 15 marks)

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P 7 5 6 0 4 A 0 3 2 4

2 (a) (i) Define the term 'global warming'.

(2)

(ii) Suggest **one** reason why there are different projections for global warming by 2100.

(3)

(b) Explain why global warming may provide economic opportunities in high-latitude locations such as the Arctic.

(4)

(c) Explain how Milankovitch Cycles provide an explanation for long-term climate change.

(6)

(Total for Question 2 = 15 marks)



3 Study Figure 3 in the Resource Booklet.

(a) (i) What is the USA's trade balance with Canada?

(1)

- ☐ **A** –21 billion
- ☐ **B** –15 billion
- ☐ **C** 15 billion
- ☐ **D** 21 billion

(ii) Describe the pattern of trade within the NAFTA trade bloc.

(3)

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(iii) Suggest **one** advantage of being part of a trade bloc, for countries such as Mexico.

(2)

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(b) Explain **one** reason why governments set up Special Economic Zones (SEZs).

(3)

(c) Explain how outsourcing of industry has led to both global and local environmental impacts.

(6)

(Total for Question 3 = 15 marks)



4 Study Figure 4 in the Resource Booklet.

(a) (i) Identify the population increase of Mumbai between 1950 and 2010.

(1)

- ☐ **A** 3.3 million
- ☐ **B** 14.9 million
- ☐ **C** 15.2 million
- ☐ **D** 22.3 million

(ii) Explain **two** social challenges for cities experiencing rapid urban growth, such as Mumbai.

(4)

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(b) Explain why rising global population may result in shortages of some resources.

(4)

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(c) Explain how population pyramids are used to analyse population structure and predict future numbers.

(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 for the different levels of flood risk in the countries shown.

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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 different trends in international migrant numbers.

(10)

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Main writing area.



(b) To what extent do Transnational Corporations (TNCs) contribute to increased global connections and flows?

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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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Pearson Edexcel International Advanced Level**Monday 8 January 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* ►**P75604A**©2024 Pearson Education Ltd.
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SECTION A

The following resource relates to Question 1.

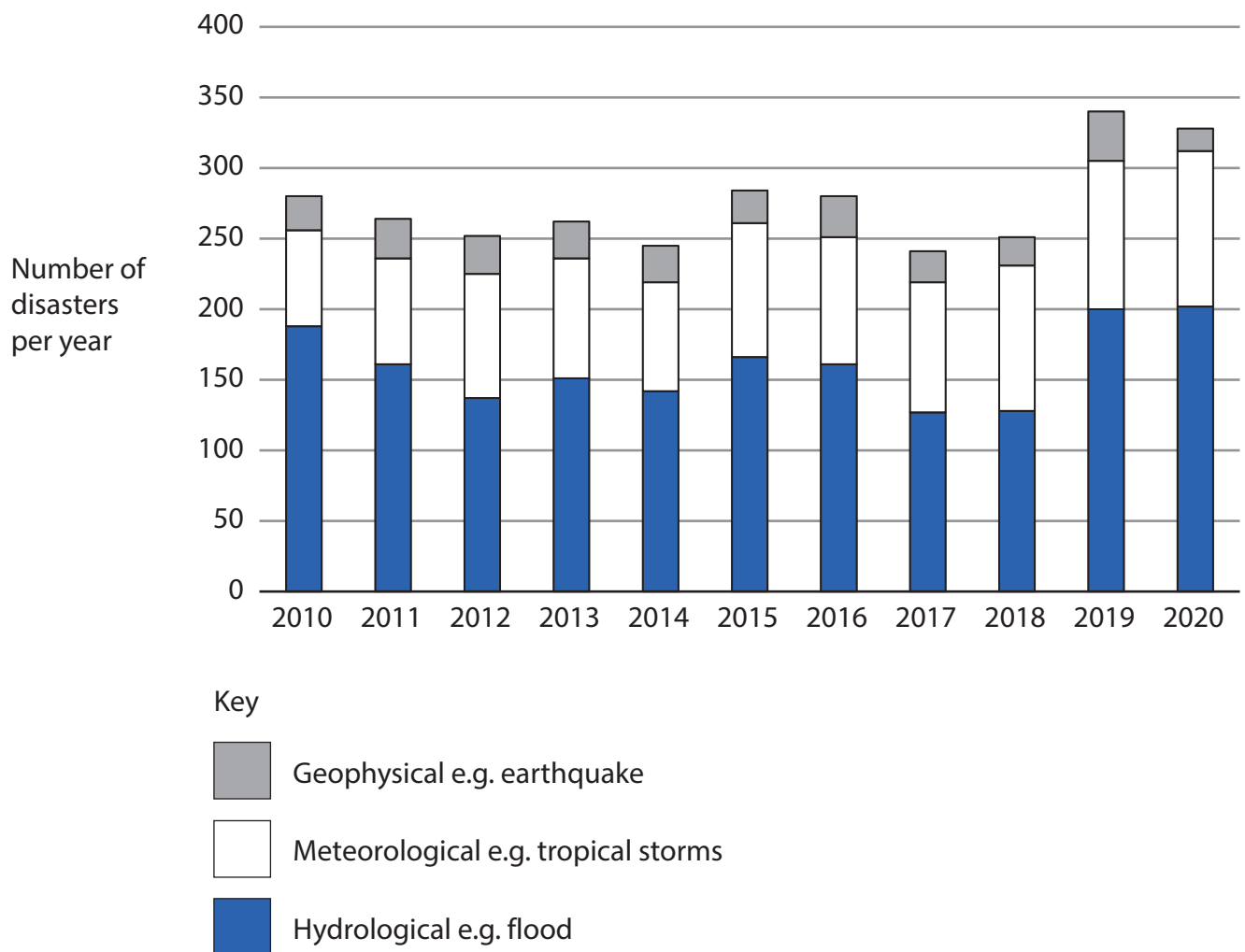


Figure 1

Number of natural disasters worldwide, 2000–2020

The following resource relates to Question 2.

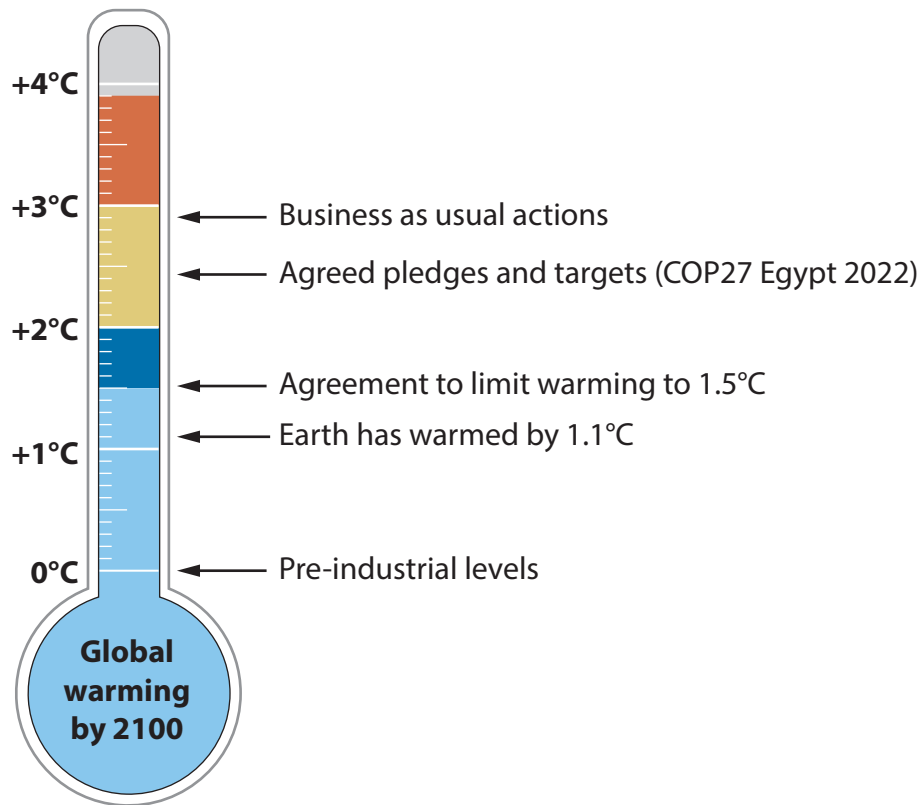


Figure 2

Projected global mean annual temperature change by 2100

The following resource relates to Question 3.

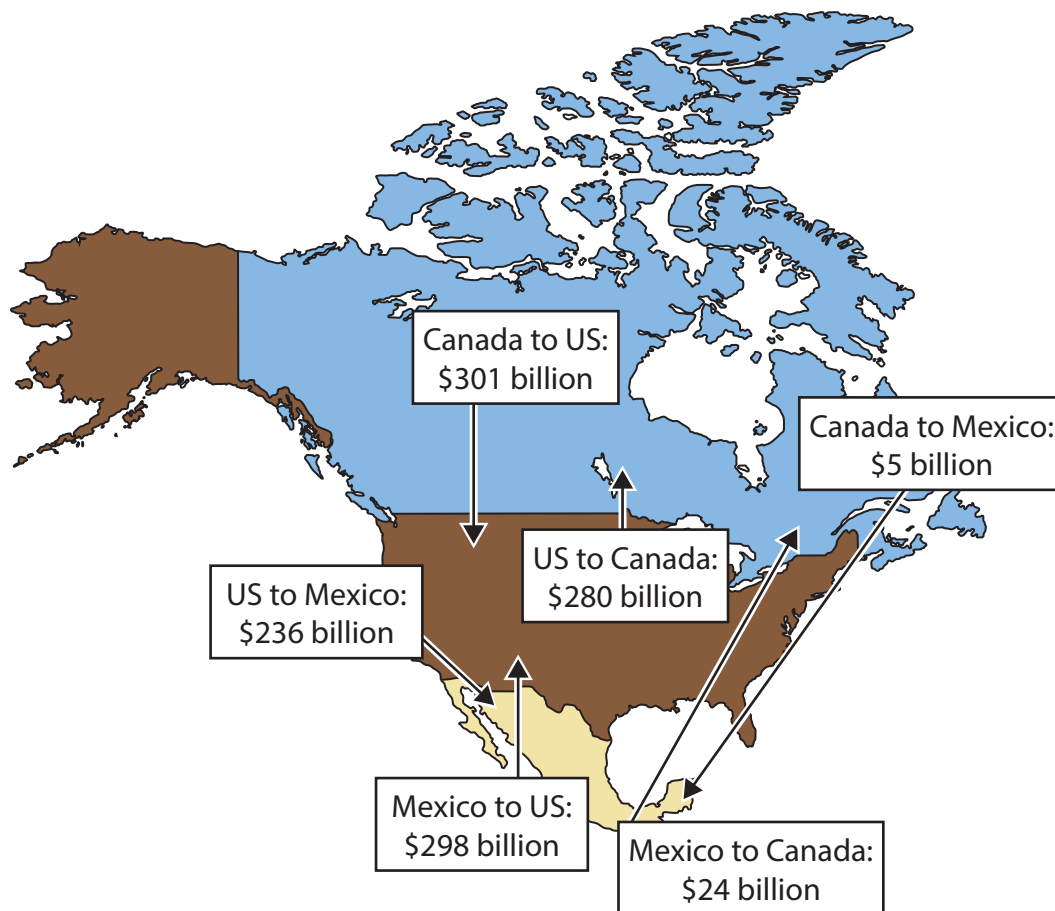


Figure 3

Trade volume within the NAFTA trading bloc (now known as USMCA), 2017

The following resource relates to Question 4.

Year	Population size (millions)
1950	3.1
1970	6.4
1990	12.4
2010	18.3
2035	27.3

Figure 4

The population of Mumbai city, 1950 to 2010, projected to 2035

SECTION B

The following resource relates to Question 5.

Country	Percentage (%) of population at risk from flooding (inland and coastal)
Bangladesh	58
Vietnam	46
Myanmar	40
Thailand	34
Philippines	29
Japan	29
Australia	8

Figure 5

Flood risk in selected countries in the Asia-Pacific region

The following resource relates to Question 6.

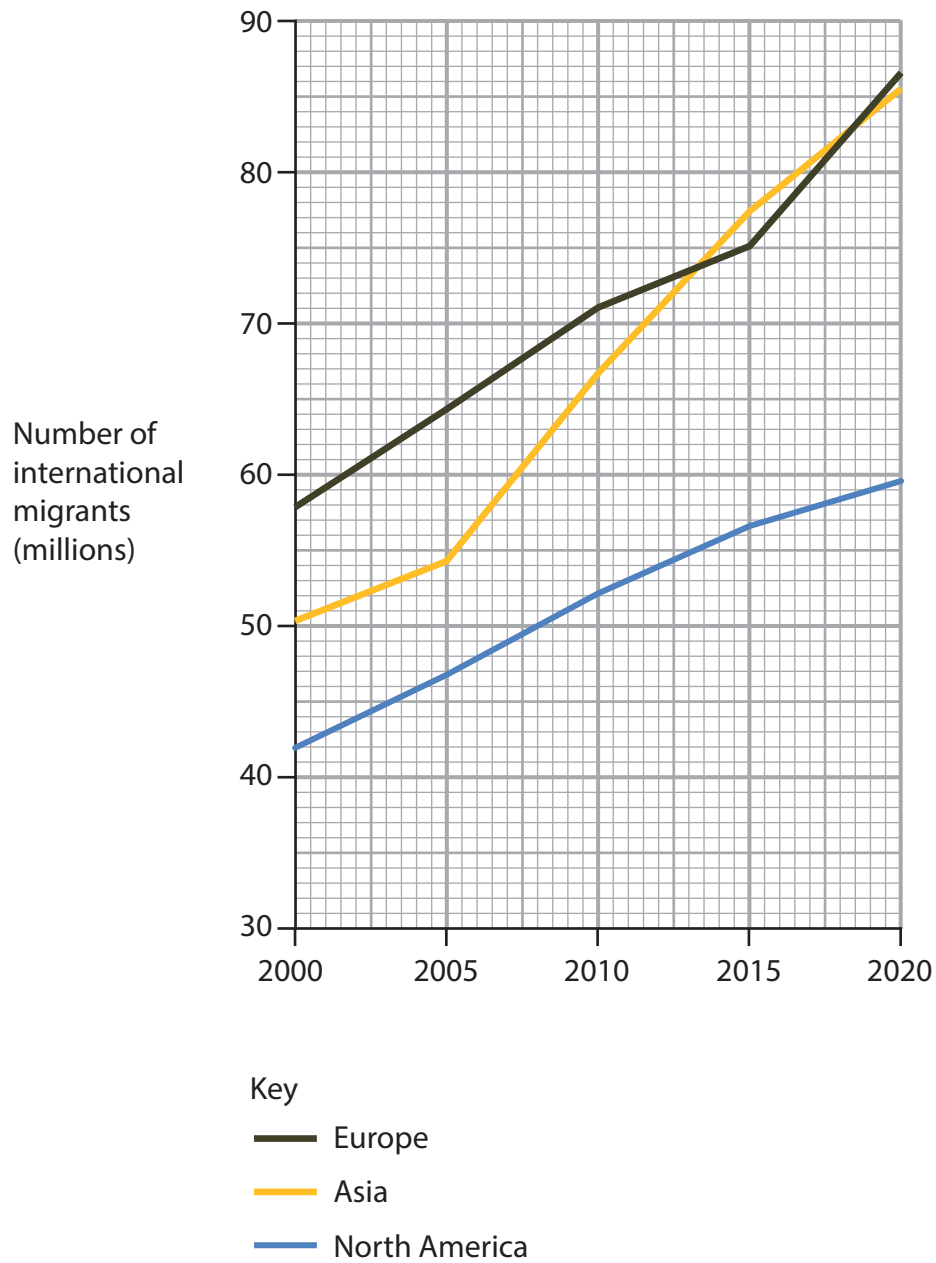


Figure 6

**Trends in international migrant numbers (immigration)
by global region, 2000 to 2020**

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Acknowledgements

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

Figure 1: © Data from Our World In Data

Figure 2: © adapted from <https://www.dw.com/en/climate-emissions-paris-agreement/a-55044341>

Figure 3: © adapted from 2017 by Standard & Poor's Financial Services LLC.

Figure 4: © Data from Our World In Data

Figure 5: © Data from <https://www.visualcapitalist.com/countries-highest-flood-risk/>

Figure 6: © Data from <https://worldmigrationreport.iom.int/wmr-2022-interactive/>

