

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Centre Number

Candidate Number

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Pearson Edexcel International Advanced Level

Time 1 hour 45 minutes

Paper
reference

WGE01/01

Geography

International Advanced Subsidiary PAPER 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. Write your answers in the spaces provided.

Some questions must be answered with a cross . 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) Describe the distribution of avalanche hazard risk.

(2)

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(ii) Explain **two** factors that may trigger avalanches in the areas shown.

(4)

1

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(b) Explain **one** way that the magnitude of a hazard event can be measured. (3)

Dotted lines for writing answer to (b).

(c) Explain why hydro-meteorological hazards have different economic and social impacts. (6)

Dotted lines for writing answer to (c).

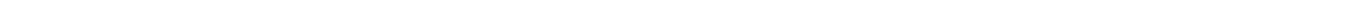
(Total for Question 1 = 15 marks)

2 Study Figure 2 in the Resource Booklet.

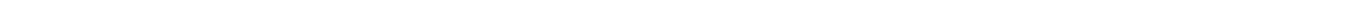
(a) (i) State the typical number of years in a sunspot cycle. (1)



(ii) Describe the trends in sunspot numbers between 1750 and 1850. (2)



(iii) Suggest **one** impact of sunspot numbers between 1650 and 1700 on Earth's climate. (2)



(b) Explain why the evidence used to reconstruct past climate records may be unreliable.

(4)

(c) Explain how shifts in the location of climate belts may impact on farming practice in the future.

(6)

(Total for Question 2 = 15 marks)

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3 Study Figure 3 in the Resource Booklet.

(a) (i) Identify the approximate percentage (%) of countries that had formally approved the African Continental Free Trade Area (AfCFTA) by 2019. (1)

- A** 5%
- B** 40%
- C** 80%
- D** 100%

(ii) Explain **one** reason why African nations may benefit from joining free trade blocs such as AfCFTA. (2)

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(b) Explain **one** way in which these international organisations have each promoted globalisation. (4)

World Trade Organisation:

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International Monetary Fund:

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(c) Explain **one** way in which the degree of globalisation of a country is measured. (2)

Dotted lines for writing answer (c)

(d) Explain the costs and benefits of TNCs outsourcing production to emerging countries. (6)

Dotted lines for writing answer (d)

(Total for Question 3 = 15 marks)



P 6 6 6 0 6 A 0 7 2 0

4 Study Figure 4 in the Resource Booklet.

(a) (i) Identify the type of country that has the highest number of pollution-related deaths per year in 2019.

(1)

- A Developed
- B Developing
- C Emerging
- D EU member

(ii) Suggest **one** reason why the number of pollution-related deaths is:

(4)

relatively high in China

relatively low in the United States.



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(b) Explain the benefits of immigration for host countries.

(4)

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(c) Explain why managing international migration is a challenge for many countries.

(6)

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(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 trends in recorded flood and drought disasters.

(10)

Area containing horizontal dotted lines for writing the answer to Question 5(a).

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(b) Assess the extent to which global warming threatens developing countries more than others.

(20)

Area with horizontal dotted lines for writing the answer.

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(Total for Question 5 = 30 marks)



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(b) Assess the extent to which globalisation has benefitted emerging countries more than others.

(20)

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Area with horizontal dotted lines for writing.



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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

Time 1 hour 45 minutes

Paper
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Geography

International Advanced Subsidiary
PAPER 1: Global Challenges

Resource Booklet

Do not return this Booklet with the question paper.

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SECTION A

The following resource relates to Question 1.

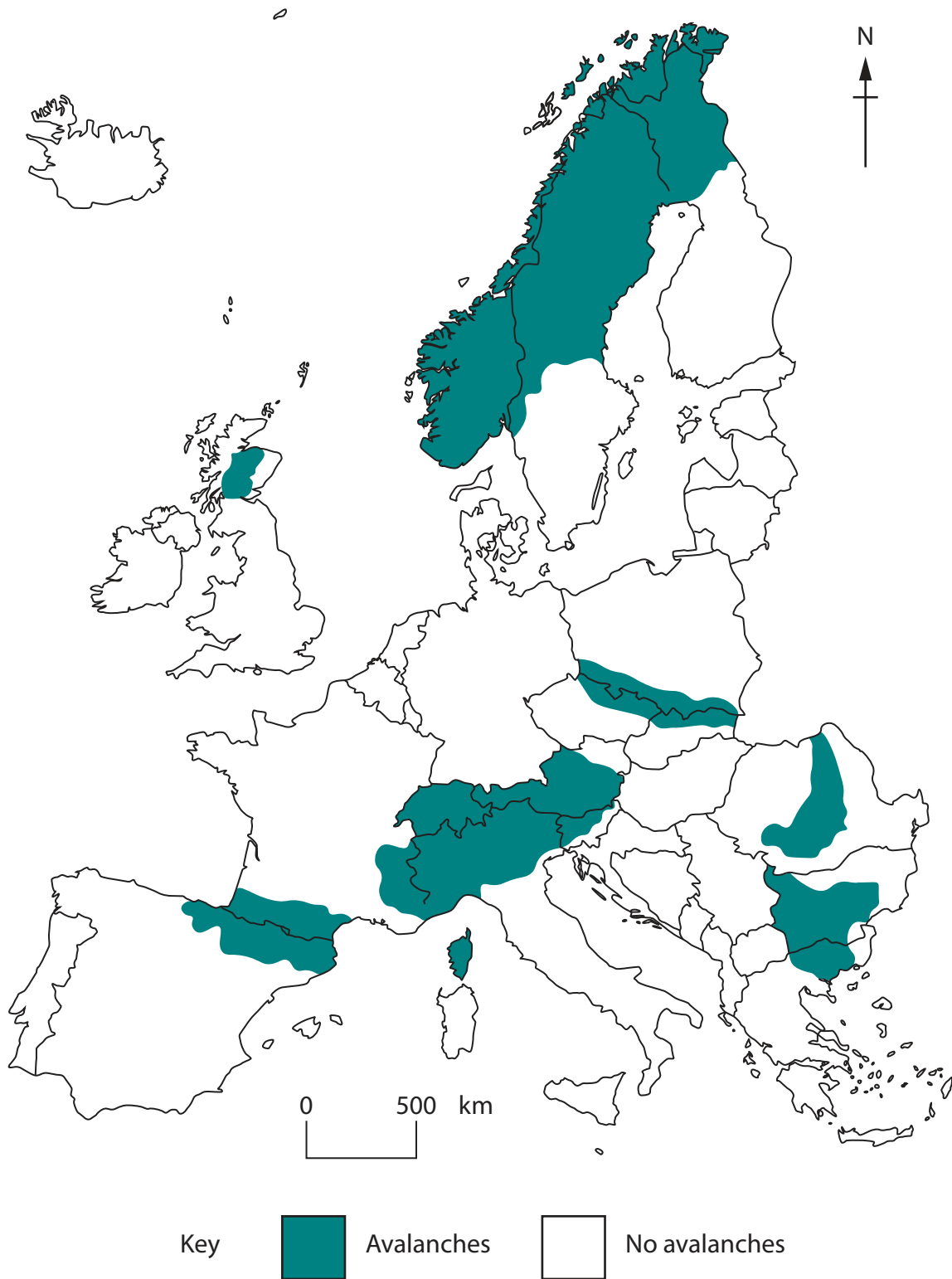


Figure 1

Map of avalanche hazard risk in Europe



The following resource relates to Question 2.

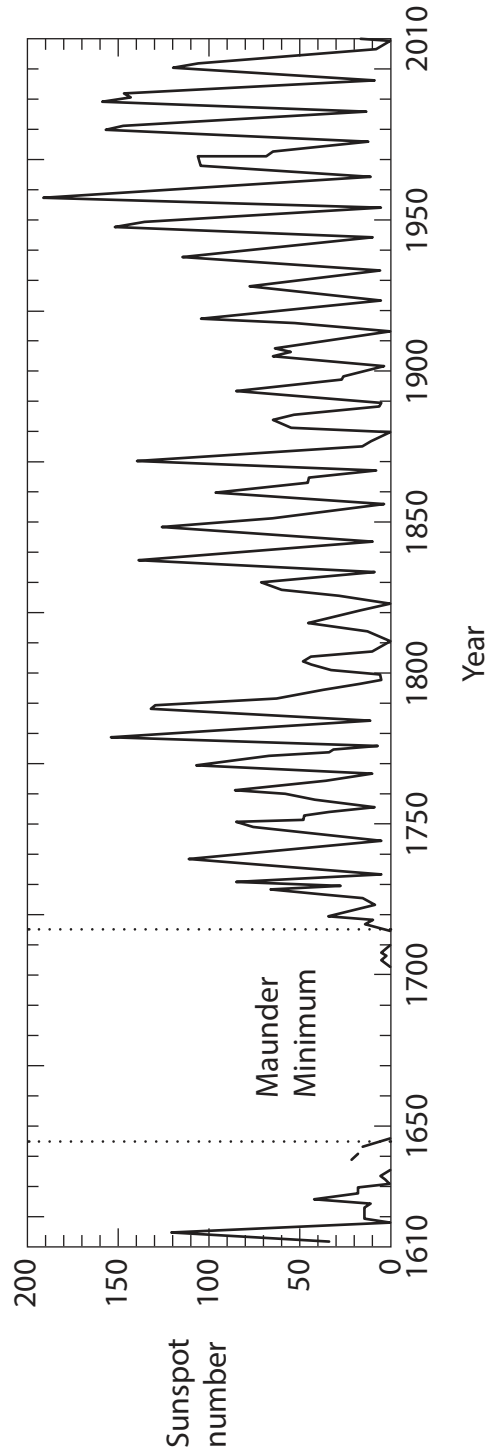


Figure 2

Graph of sunspot numbers from 1610 to 2010



The following resource relates to Question 3.

There are 54 countries in Africa

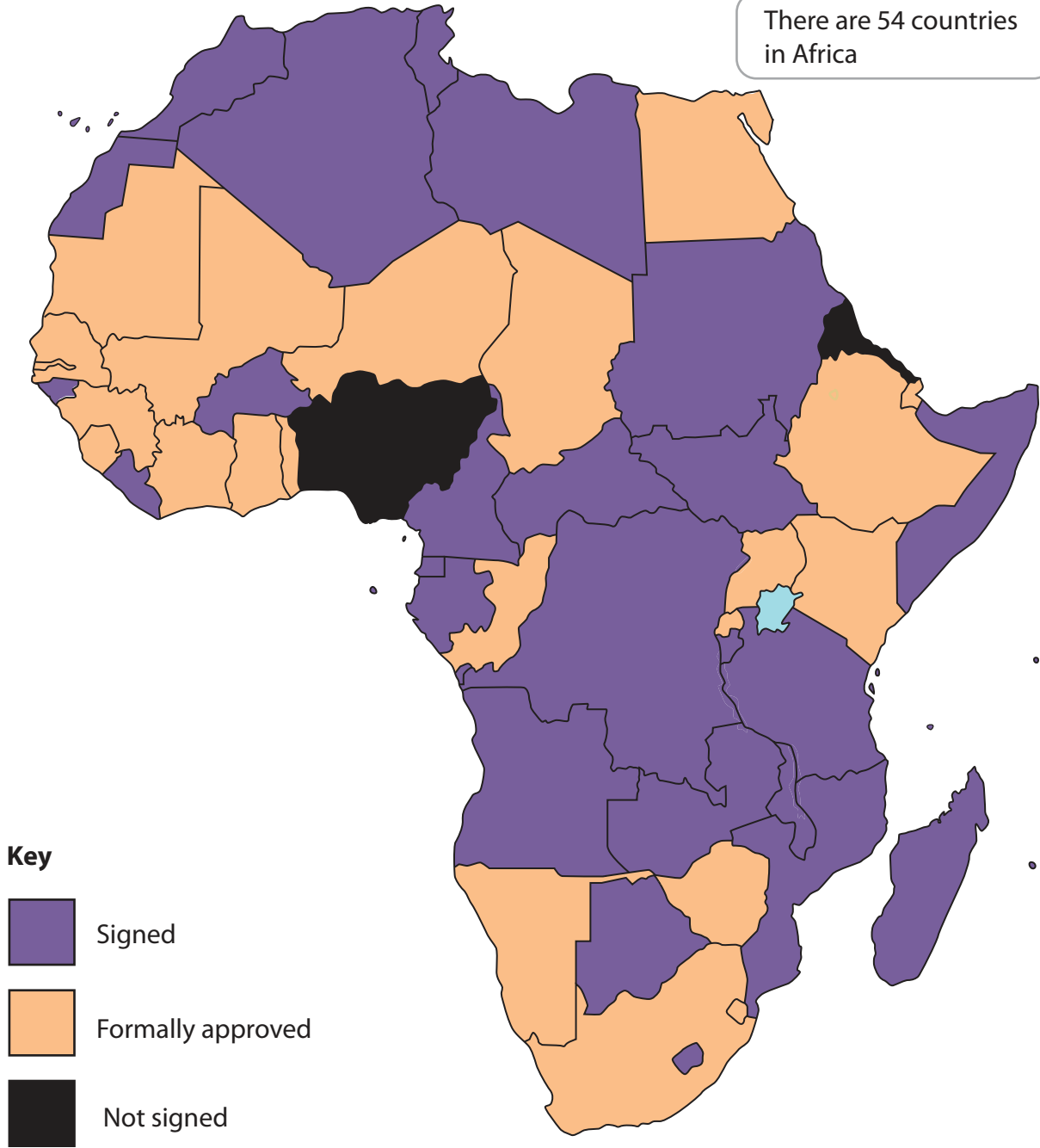


Figure 3

Map of the African Continental Free Trade Area (AfCFTA) agreement, 2019



The following resource relates to Question 4.

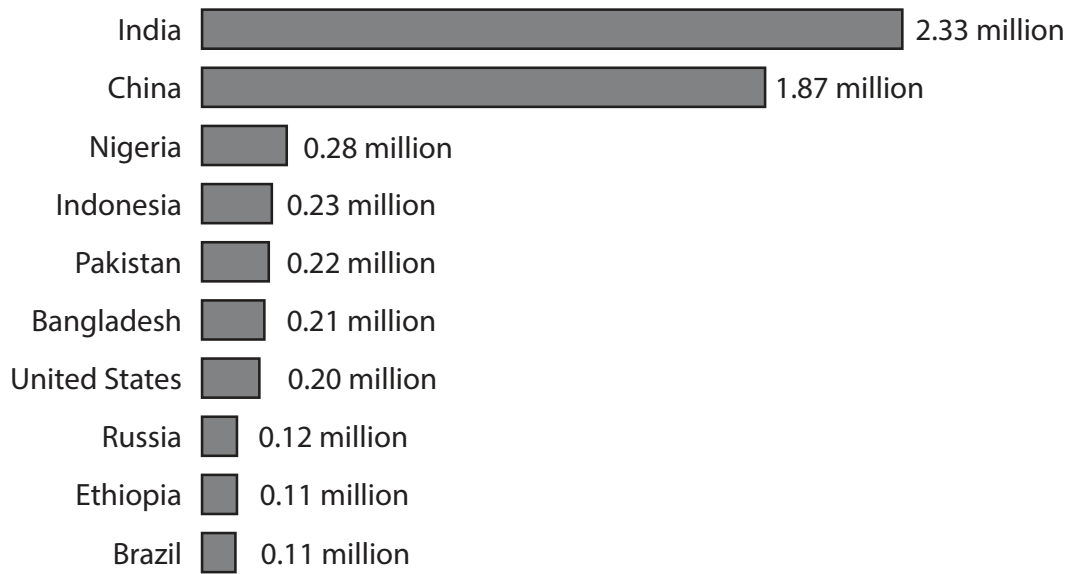


Figure 4

**Estimated number of pollution-related deaths
(due to exposure to toxic air, water and land), 2019**



SECTION B

The following resource relates to Question 5.

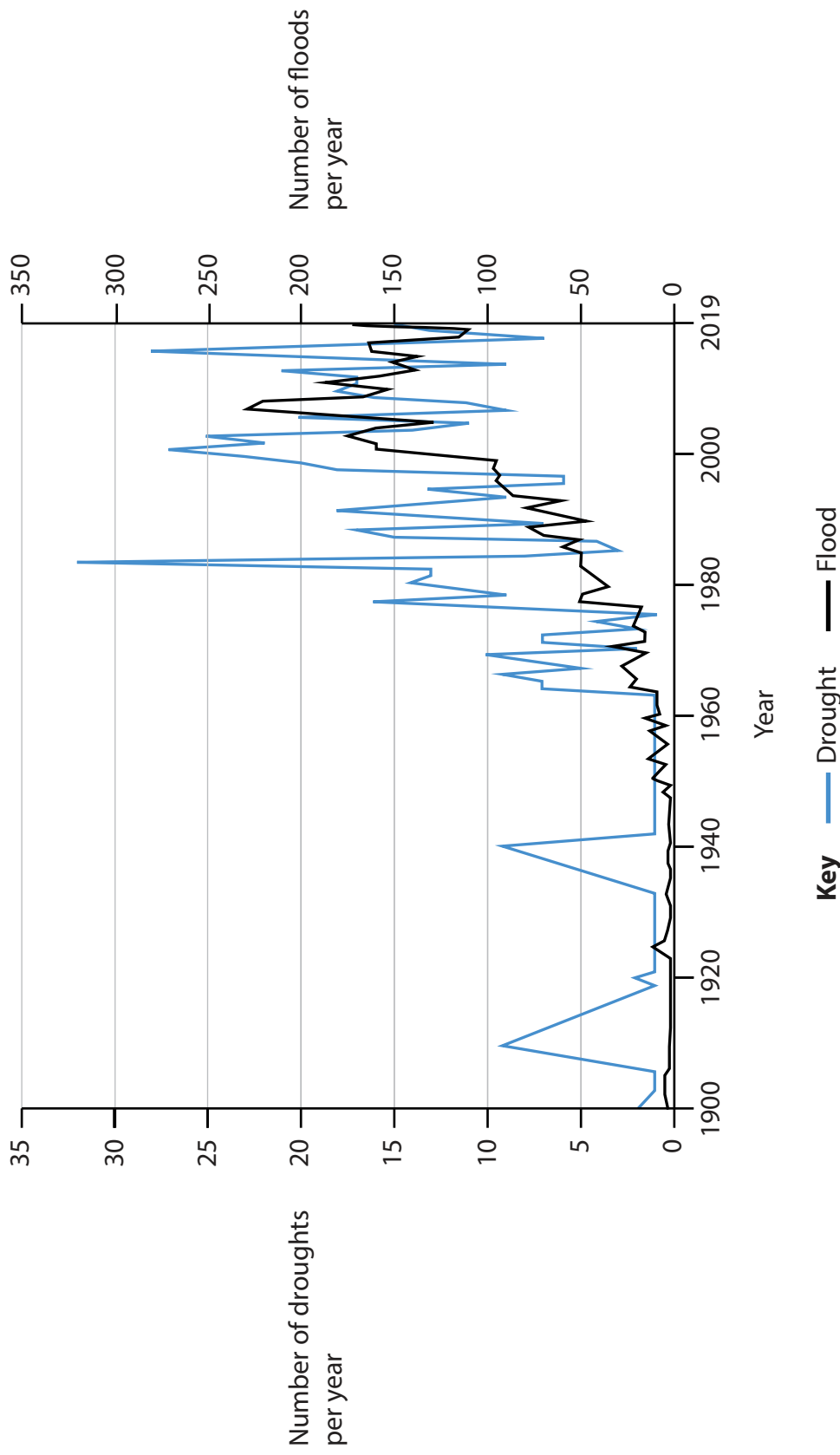


Figure 5

Number of recorded drought and flood disasters worldwide, 1900–2019



The following resource relates to Question 6.

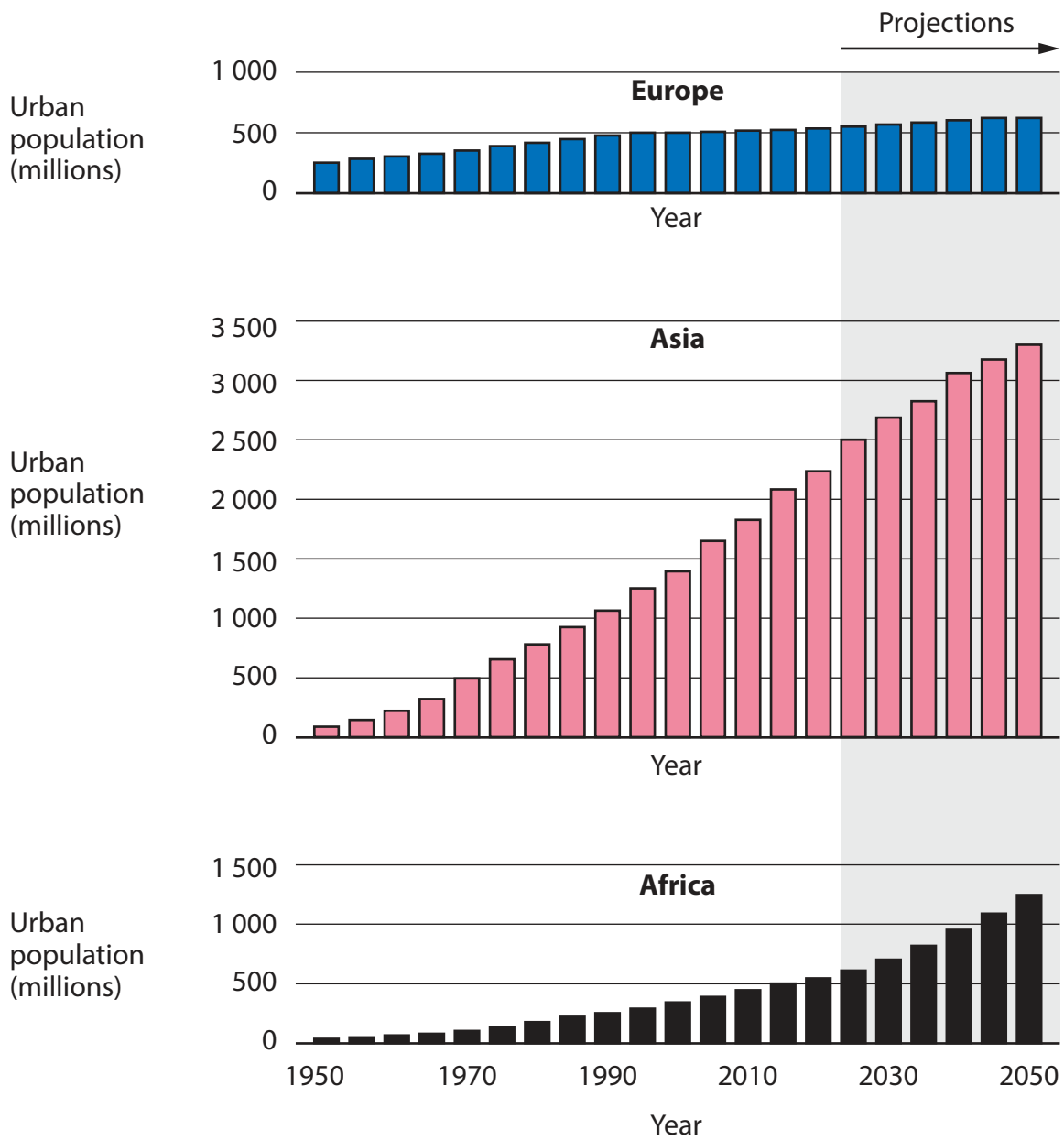


Figure 6

Urbanisation trends from 1950–2020, projected to 2050



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Acknowledgments

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

Figure 1 adapted from: https://www.preventionweb.net/files/3772_AvalancheazardquestionaryN3.jpg

Figure 2 adapted from: © NASA

Figure 3 adapted from: <https://talkmarkets.com/content/global-markets/visualizing-africas-free-trade-ambitions?post=216712>

Figure 4 adapted from: <https://www.statista.com/chart/20360/premature-pollution-related-deaths/>

Figure 5 adapted from: <https://ourworldindata.org/grapher/number-of-natural-disaster-events?country=~Drought>

and <https://ourworldindata.org/grapher/number-of-natural-disaster-events?country=~Flood>

Figure 6 adapted from: © European Environment Agency

