

Please check the examination details below before entering your candidate information

Candidate surname

Other names

Pearson Edexcel
International
Advanced Level

Centre Number

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Candidate Number

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Tuesday 7 January 2020

Afternoon (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

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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 Study Figure 1 in the Resource Booklet.

(a) (i) Define the term 'risk' in the context of natural hazards.

(1)

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(ii) Suggest **one** risk caused by the impacts shown in Figure 1, for people in Florida.

(2)

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(iii) Explain **one** way that hazard-resistant design could reduce risk.

(2)

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(b) Explain the tectonic processes that cause volcanic eruptions.

(4)

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(c) Explain how prediction can reduce the impacts of some natural disasters but not others.

(6)

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2 Study Figure 2 in the Resource Booklet.

(a) (i) Identify the region with the greatest percentage decline in area used for livestock. (1)

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(ii) Compare the projected changes in areas of livestock and maize farming shown in Figure 2. (2)

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(iii) Suggest **one** reason for the projected decline in areas used for farming by 2050. (2)

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(b) Explain **two** actions used to mitigate carbon emissions at a national scale.

(4)

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(c) Explain why predictions of future sea level rise are uncertain.

(6)

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3 Study Figure 3 in the Resource Booklet.

(a) (i) Describe the distribution of KOF index globalisation scores shown in Figure 3.

(3)

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(ii) Explain **one** reason why some countries have high KOF index globalisation scores.

(2)

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(b) Explain **one** advantage and **one** disadvantage of outsourcing.

(4)

Advantage

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Disadvantage

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(c) Explain the role of national governments in promoting globalisation.

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4 Study Figure 4 in the Resource Booklet.

(a) (i) Identify the continent with the greatest percentage increase in population over 65 years old.

(1)

(ii) Identify the continent where the percentage of the population aged over 65 doubles between 2010 and 2050.

(1)

- A Europe
- B Oceania
- C Africa
- D North America

(iii) Explain **two** challenges associated with an increasingly ageing population.

(4)

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(b) Explain **one** economic advantage, to a country, of a youthful population.

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(c) Explain why the costs of migration may be greater than the benefits for **source** countries.

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(Total for Question 4 = 15 marks)

TOTAL FOR SECTION A = 60 MARKS

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SECTION B

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

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 ☒.

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) Explain why some areas, such as those shown in Figure 5, are considered hazard hotspots.

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(b) Assess the extent to which different people and organisations consider global warming a serious threat.

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Handwriting practice area with 20 horizontal dotted lines.

(Total for Question 5 = 30 marks)





If you answer Question 6 put a cross in the box ☒ .

6 Study Figure 6 in the Resource Booklet.

(a) Explain why attitudes to migration, such as those shown in Figure 6, vary between countries.

(10)

Ruled area for writing the answer to Question 6(a).

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(b) Assess the extent to which different people and locations benefit equally from globalisation.

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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

Tuesday 7 January 2020

Afternoon (Time: 1 hour 45 minutes)

Paper Reference **WGE01/01**

Geography

International Advanced Subsidiary

Paper 1: Global challenges

Resource Booklet

Do not return this Resource Booklet with the question paper

Turn over ►

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SECTION A

The following resource relates to Question 1.



Figure 1

A photograph of some impacts of Hurricane Michael in Florida, USA 2018




The following resource relates to Question 2.

Region	Percentage decline in area used for farming	
	Livestock (cattle, sheep, goats)	Maize (corn)
Central Africa	-3	-2
West Africa	-50	-8
East Africa	-25	-20
Southern Africa	-30	-20

Figure 2

Projected percentage decline in the area of farmland for selected regions of Africa, 2020–2050

The following resource relates to Question 3.

Key	
	Highest globalisation score
	High globalisation score
	Medium globalisation score

* KOF index measures three dimensions of globalisation: economic, social and political

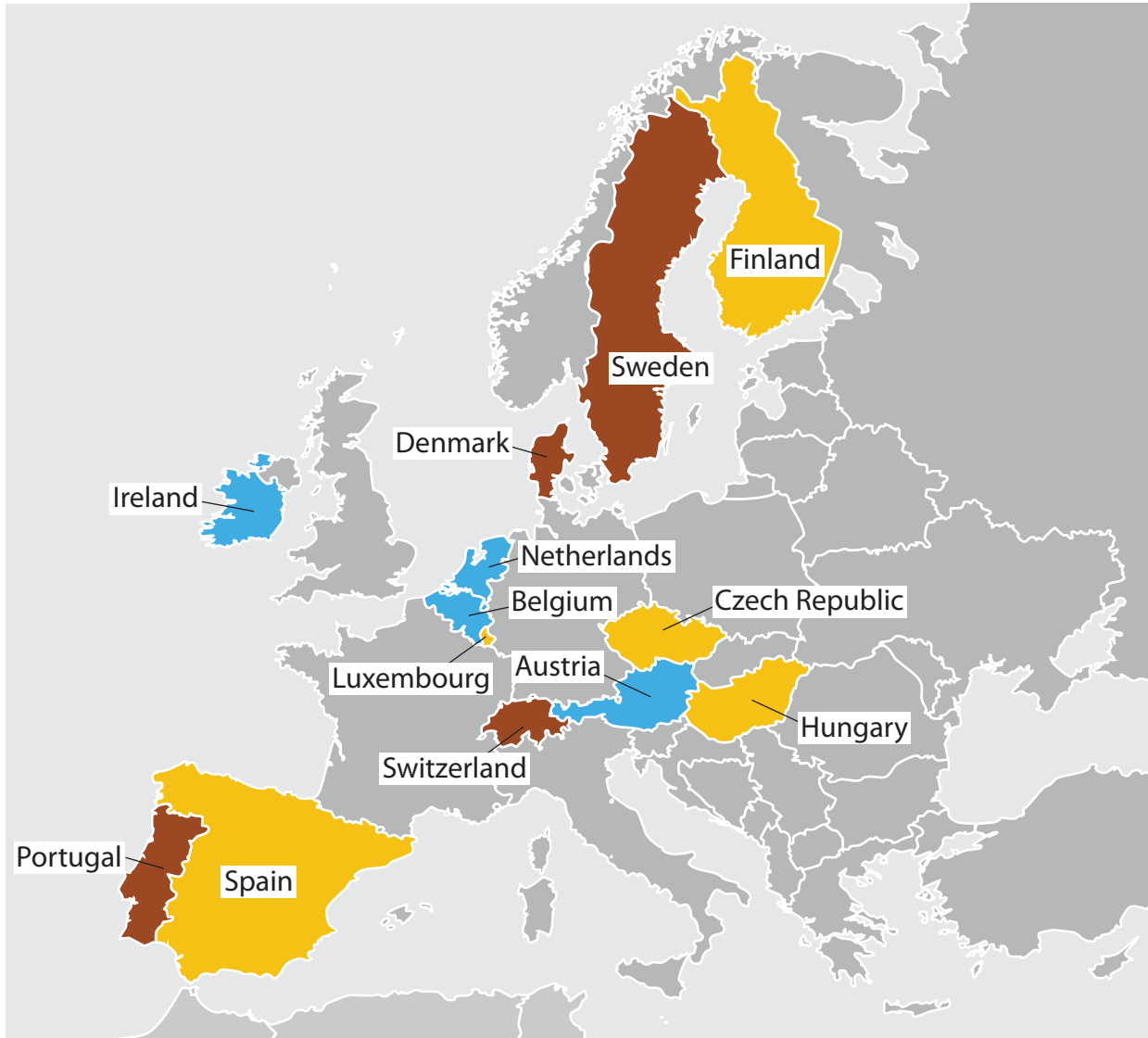


Figure 3

KOF index for selected European countries in 2015

The following resource relates to Question 4.

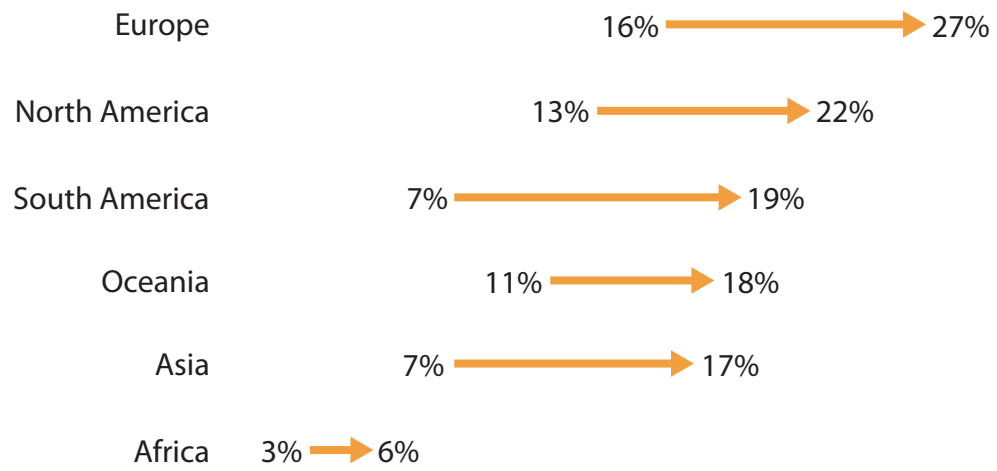


Figure 4

Percentage share of the population over 65 years old in 2010, projected to 2050

SECTION B

The following resource relates to Question 5.

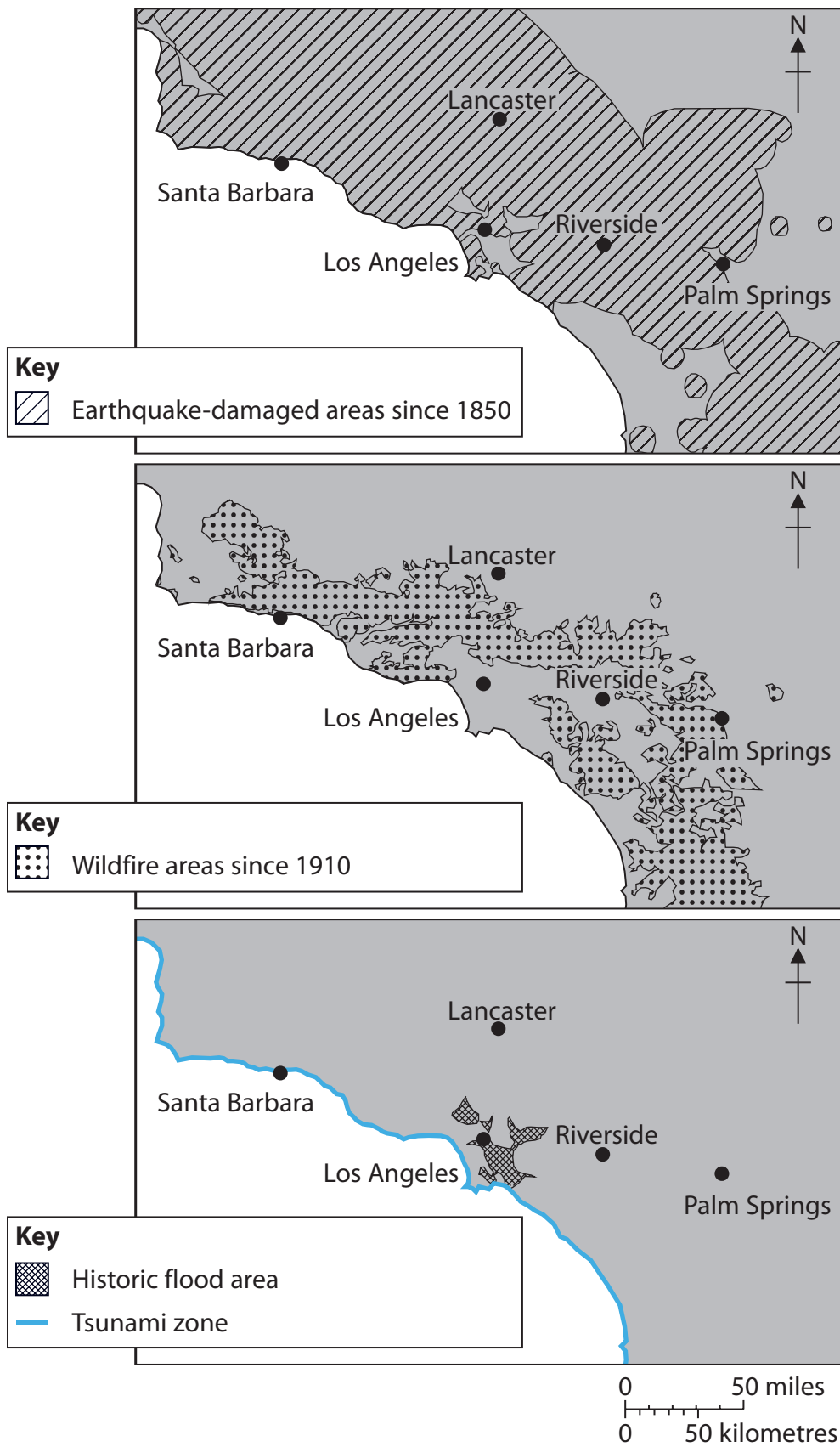


Figure 5

Three maps showing the distribution of different hazards in Southern California

The following resource relates to Question 6.

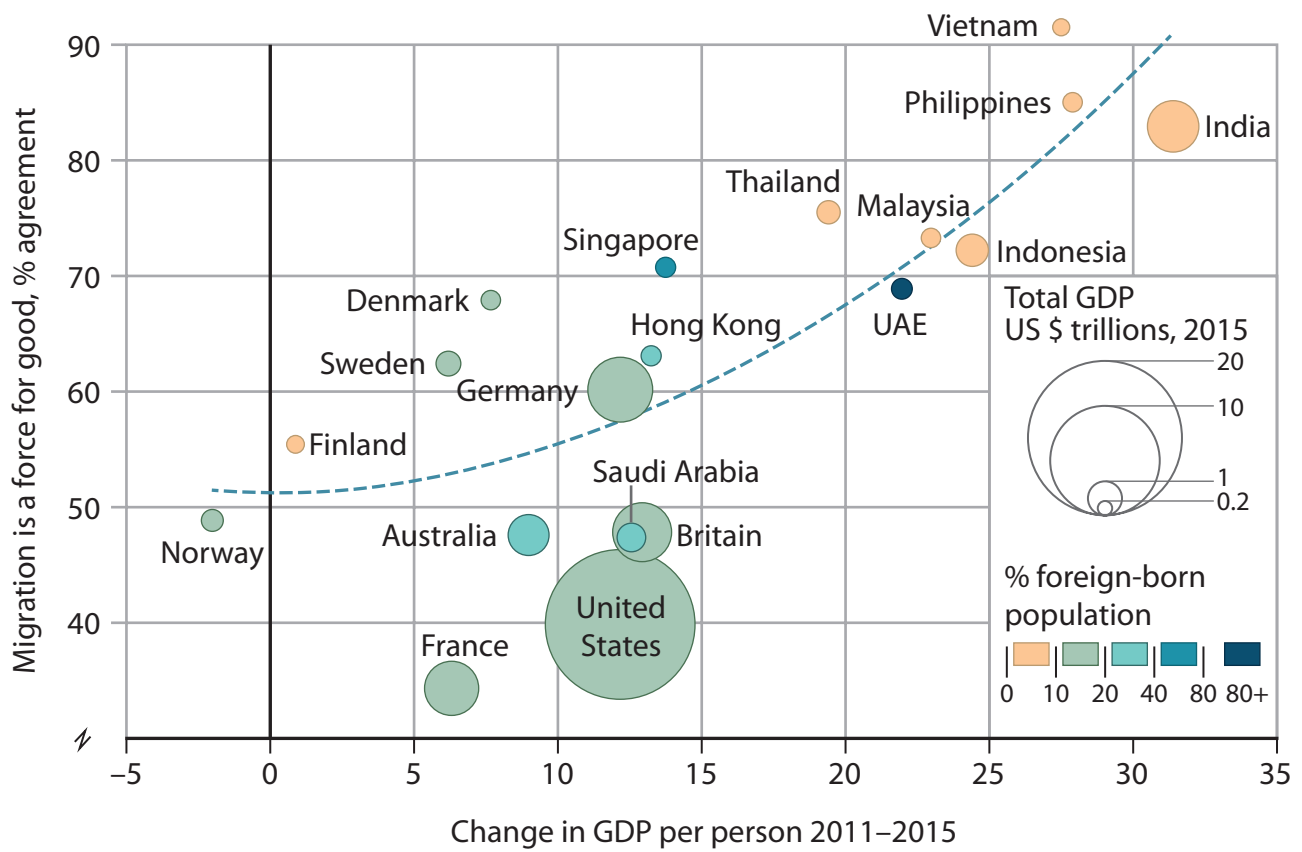


Figure 6

Attitudes to migration versus change in GDP per person for selected countries in 2015

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

Figure 1 (Source: <https://www.marketwatch.com/story/hurricane-michael-leaves-trail-of-devastation-hundreds-of-thousands-without-power-2018-10-11>)

Figure 3 (Source: <https://kof.ethz.ch/en/forecasts-and-indicators/indicators/kof-globalisation-index.html>)

Figure 4 (Source: <https://www.weforum.org/agenda/2016/05/worlds-oldest-and-youngest-countries/>)

Figure 5 (Source: <https://pubs.usgs.gov/fs/2007/3037/>)

Figure 6 (Source: <https://www.economist.com/graphic-detail/2016/11/18/what-the-world-thinks-about-globalisation>)

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