

Please check the examination details below before entering your candidate information

Candidate surname					Other names									
<b>Pearson Edexcel</b> <b>International</b> <b>Advanced Level</b>					Centre Number					Candidate Number				
					<input type="text"/>					<input type="text"/>				
Time 1 hour 45 minutes					Paper reference					<b>WGE01/01</b>				
<b>Geography</b>														
<b>International Advanced Subsidiary</b>														
<b>PAPER 1: Global Challenges</b>														
<b>You must have:</b> 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.
- Good luck with your examination.

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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 Study Figure 1 in the Resource Booklet.

(a) (i) Name the type of plate boundary shown.

(1)

(ii) Explain **one** cause of earthquakes at plate boundaries.

(2)

(iii) Explain **one** reason why it is difficult to manage risk in places experiencing earthquakes.

(2)

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(b) Explain how level of development can affect the scale of natural disasters.

(4)

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(c) Explain why mega-disasters need different management responses compared to other natural disasters.

(6)

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(Total for Question 1 = 15 marks)



2 Study Figure 2 in the Resource Booklet.

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

(1)

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(ii) Describe **one** way in which farmers could be affected economically by global warming in the future.

(2)

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(iii) Suggest how **one** of the methods shown in Figure 2 could help farmers manage the impacts of global warming.

(2)

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(b) Explain how **two** global actions have attempted to reduce carbon emissions.

(4)

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3 Study Figure 3 in the Resource Booklet.

(a) (i) Identify the type of country that has banned Huawei: (1)

- A Developing countries
- B Emerging countries
- C Developed countries
- D Newly industrialising countries

(ii) Compare the distribution of countries which have banned Huawei to those who have a positive attitude to Huawei. (3)

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(iii) Suggest **one** reason why Huawei, a Chinese telecom TNC, is trading in new international markets. (2)

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4 Study Figure 4 in the Resource Booklet.

(a) (i) Name the type of graph shown.

(1)

(ii) Which **one** of the following statements is correct?

(1)

- A** In 1950 the percentage of males outnumbered the females.
- B** In 1950 the largest age group was 10 to 15 years.
- C** In 2015 the largest age group was 20 to 25 years.
- D** In 2015 the percentage of children outnumbered the elderly.

(iii) Suggest **two** reasons for the changes in the population structure of Germany between 1950 and 2015.

(4)

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(b) Explain **one** way that globalisation has encouraged rural-urban migration.

(3)

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(c) Explain why countries have different policies for managing international migration.

(6)

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**(Total for Question 4 = 15 marks)**

**TOTAL FOR SECTION A = 60 MARKS**





(b) Assess the extent to which the level of risk from hydrometeorological hazards is mainly caused by human factors.

(20)

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(Total for Question 5 = 30 marks)





(b) Assess the extent to which the benefits of a youthful population outweigh the costs of an increasingly ageing population.

(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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# Pearson Edexcel International Advanced Level

**Time** 1 hour 45 minutes

**Paper  
reference**

**WGE01/01**

## Geography

**International Advanced Subsidiary**

**PAPER 1: Global Challenges**

### Resource Booklet

**Do not return this Booklet with the question paper.**

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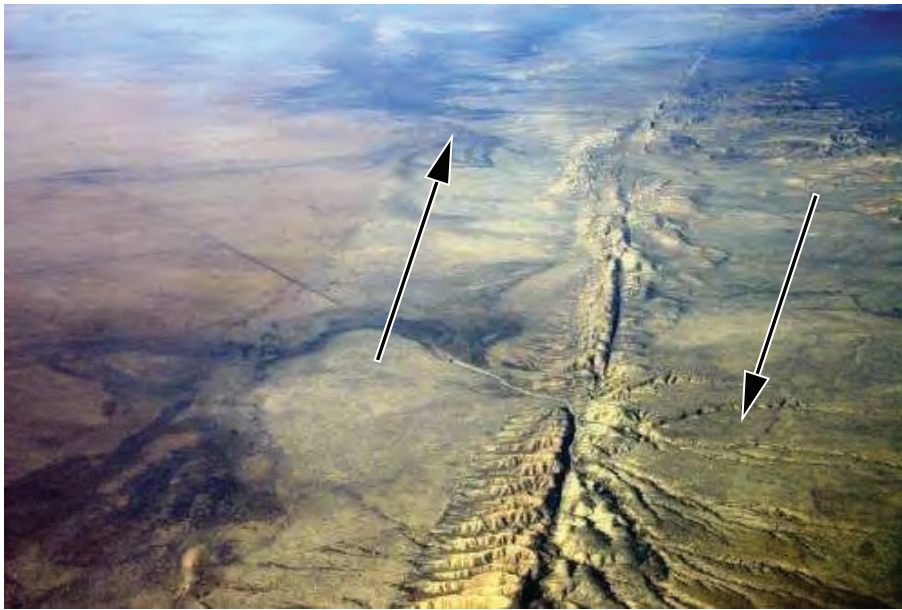


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**SECTION A**

**The following resource relates to Question 1.**



**Key:**

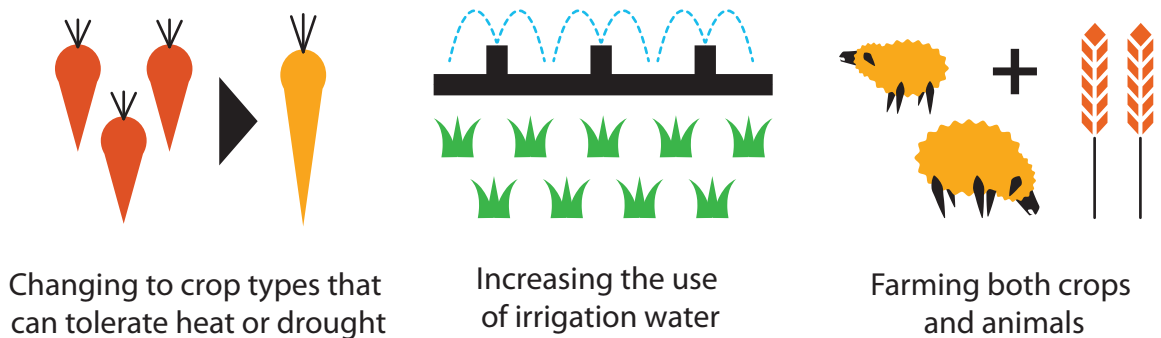
 = relative motion of the tectonic plates

**Figure 1**

**Aerial photograph of the San Andreas Fault, northwest of Los Angeles**

**The following resource relates to Question 2.**

Climate change, food and farming



Changing to crop types that can tolerate heat or drought

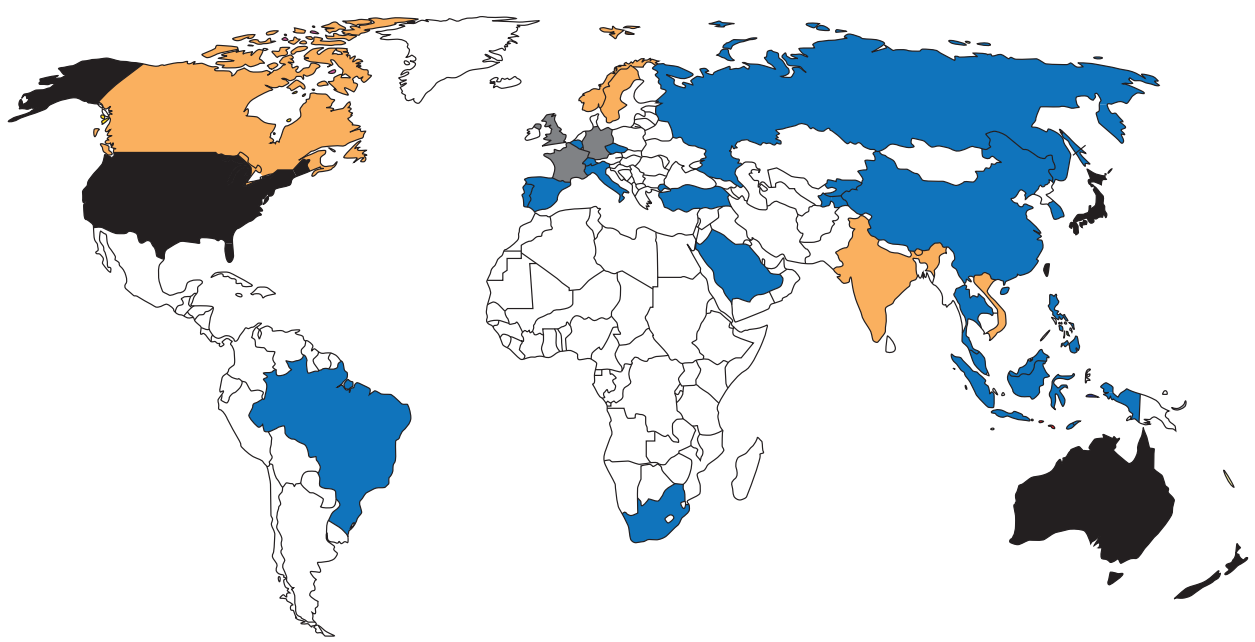
Increasing the use of irrigation water

Farming both crops and animals

**Figure 2**

**Three ways farmers could adapt to global warming**

The following resource relates to Question 3.



**Key:**

- Huawei is banned
- Positive attitude to Huawei
- Data unavailable
- Huawei activities are restricted
- Undecided

**Figure 3**  
**Government attitudes to the Chinese telecom Transnational Corporation (TNC), Huawei, in 2019**

The following resource relates to Question 4.

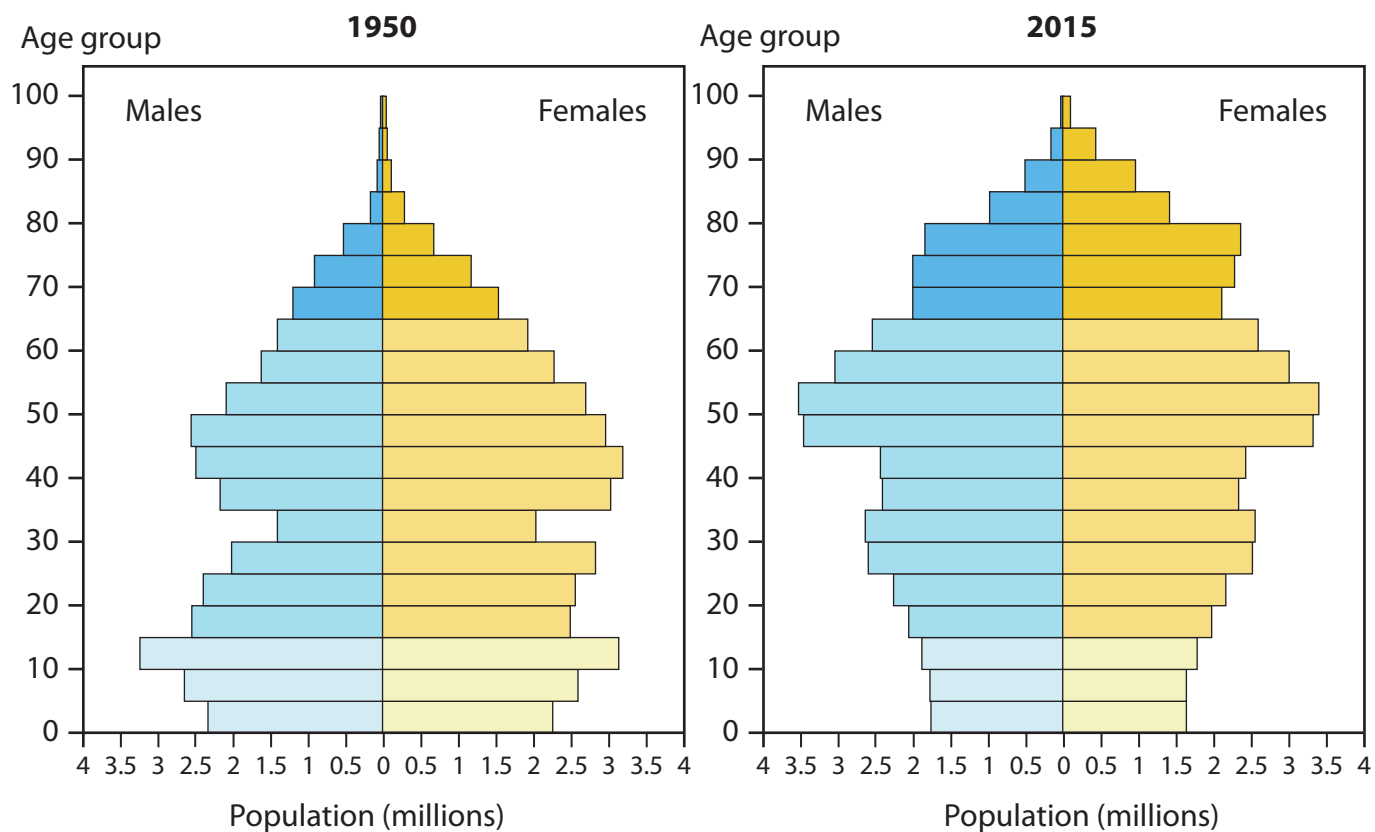


Figure 4

The population structure of Germany, 1950 and 2015

The following resource relates to Question 5.



Figure 5

The global distribution of landslides, 2018

The following resource relates to Question 6.

## The World's Megacities Are Set for Major Growth

Population growth of the world's top 15 megacities (millions, 2011-2025)

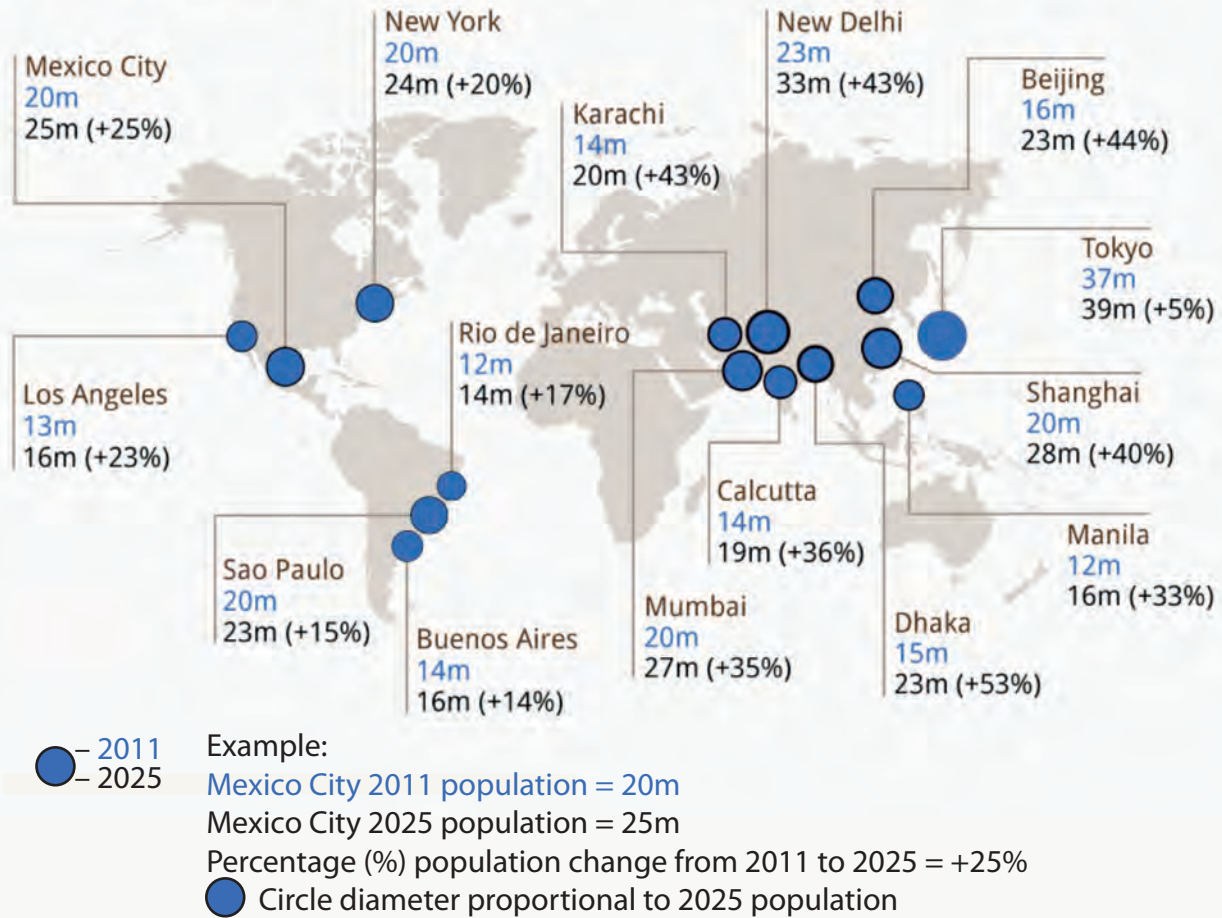


Figure 6

The population and growth rate of megacities by 2025

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### **Acknowledgements**

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

Source 1 adapted from: © Ikluft

Source 2 adapted from: Sonja Vermeulen (Head of Research, CCAFS)

Source 3 adapted from: Daily Express

Source 4 adapted from: <https://www.researchgate.net/figure/>

Population-pyramid-for-Germany\_fig5\_305617774

Source 5 adapted from: <https://blogs.agu.org/landslideblog/2018/08/28/mapping-global-landslides/>

Source 6 adapted from: <https://www.statista.com/chart/1826/population-growth-in-the-worlds-megacities/>