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Write your name here

Surname	Other names

Pearson Edexcel
International
Advanced Level

Centre Number | | | | | |

Candidate Number | | | | |

Geography

International Advanced Subsidiary
Paper 1: Global Challenges

Monday 8 January 2018 – Afternoon
Time: 1 hour 45 minutes

Paper Reference
WGE01/01

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 Study Figure 1 in the Resource Booklet.

(a) (i) Describe the distribution of landslide risk in California.

(2)

(ii) Explain **two** physical factors that contribute to landslide risk in areas such as California.

(4)

1 .....

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(iii) Suggest how hazard response could reduce the risk of landslide disasters.

(3)

(b) Explain ways in which future climate change might increase the risk of hydro-meterological disasters.

(6)

(Total for Question 1 = 15 marks)

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2 Study Figure 2 in the Resource Booklet.

(a) (i) Identify the most likely sea level rise by 2100.

(1)

- ☒ **A** 0.97m
- ☒ **B** 0.35m
- ☒ **C** 0.68m
- ☒ **D** 0.53m

(ii) Suggest **two** reasons for the uncertainty about the projected rise in sea level by 2100.

(4)

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(b) Explain the evidence used to reconstruct medium-term climate fluctuations in the past, such as the Little Ice Age.

(4)

(c) Explain the **natural** causes of short-term climate change.

(6)

(Total for Question 2 = 15 marks)

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3 Study Figure 3 in the Resource Booklet.

(a) (i) Identify the global flow shown in Figure 3.

(1)

- ☒ **A** goods
- ☒ **B** capital
- ☒ **C** information
- ☒ **D** services

(ii) Describe the pattern of **very high** shipping movements shown in Figure 3.

(2)

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(iii) Explain **one** way in which global shipping has contributed to a 'shrinking world'.

(2)

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(b) Explain the role of the WTO (World Trade Organisation) in globalisation.

(4)

(c) Explain why outsourcing by TNCs has both costs and benefits for people in emerging and developing countries.

(6)

(Total for Question 3 = 15 marks)

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4 Study Figure 4 in the Resource Booklet.

(a) (i) Calculate the percentage of the UAE's population born abroad.

(1)

.....%

(ii) Complete the table below by choosing a likely source country / region from Figure 4.

(2)

Type of migrant	High-skill elites	Low-skill workers
Country/region from Figure 4		

(iii) Suggest **one** problem that the UAE could experience because of its high migrant population.

(2)

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(b) Explain the economic benefits of international migration for source countries.

(4)

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(c) Explain why having a youthful population brings both advantages and disadvantages to a country.

(6)

(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.

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 why the impacts shown in Figure 5 vary so much from year to year.

(10)

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(b) Assess the extent to which both adaptation and mitigation could be used to manage global warming.

(20)

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(Total for Question 5 = 30 marks)

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

6 Study Figure 6 in the Resource Booklet.

(a) Suggest reasons for the differences **and** changes to internet connection data shown in Figure 6.

(10)

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(b) Assess the extent to which rising global population might lead to shortages of food and other resources in the future.

(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

Geography
International Advanced Subsidiary
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WGE01/01

Do not return this Resource Booklet with the question paper.

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SECTION A

The following resource relates to Question 1.

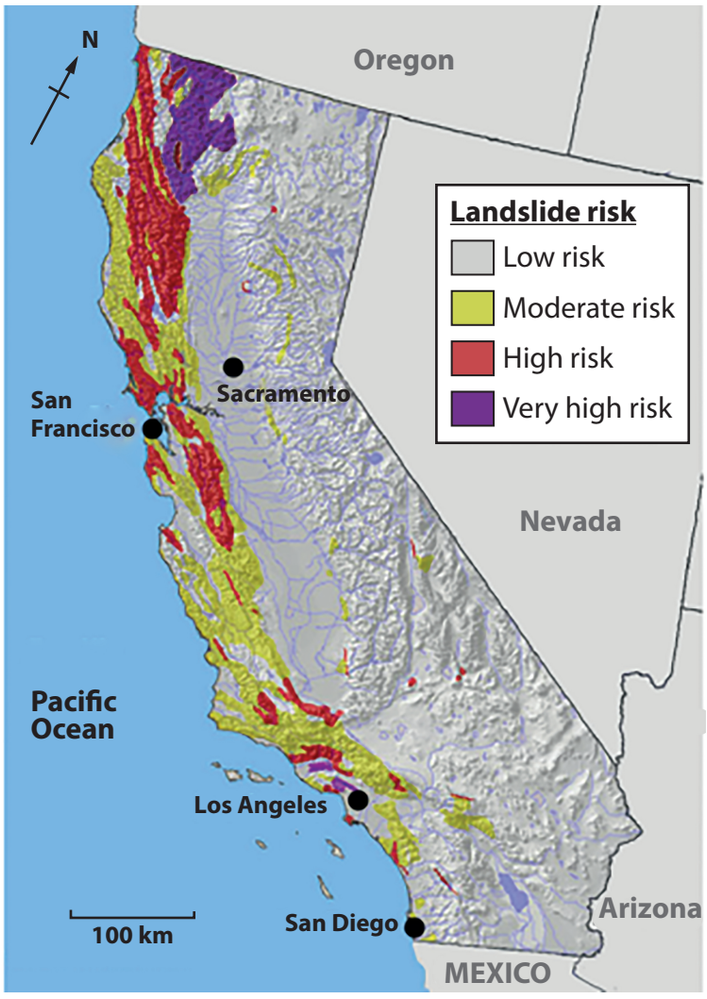


Figure 1

A map of landslide risk in California

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The following resource relates to Question 2.

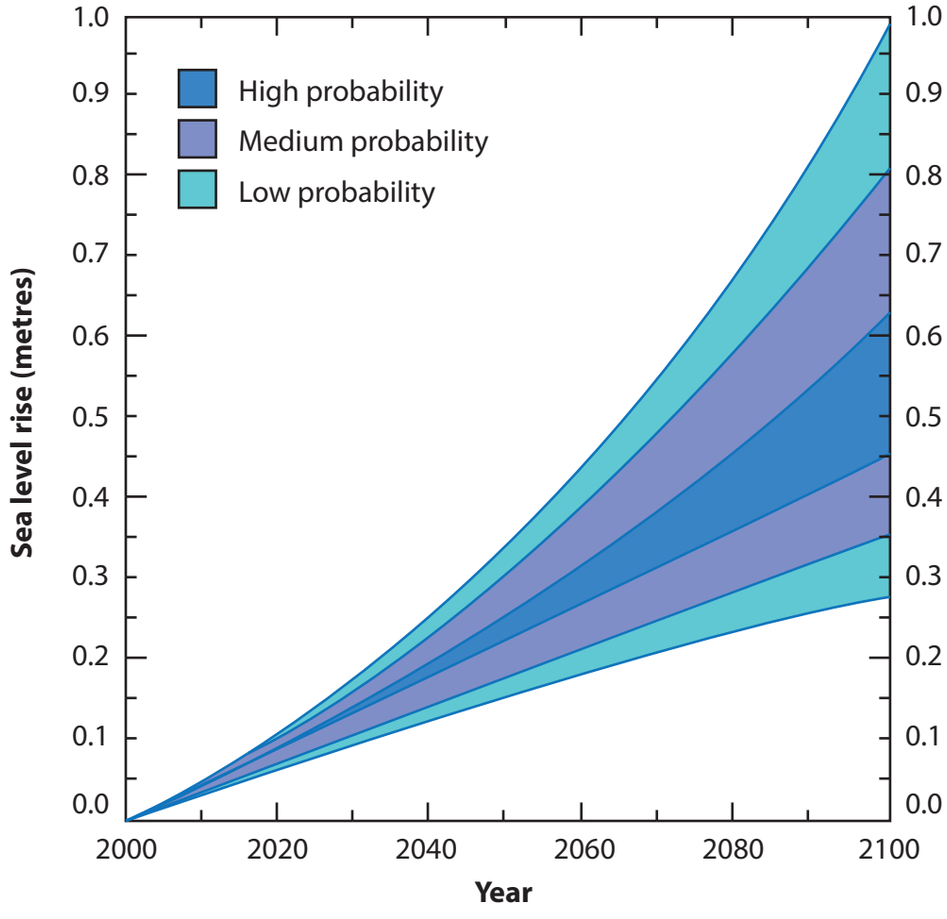
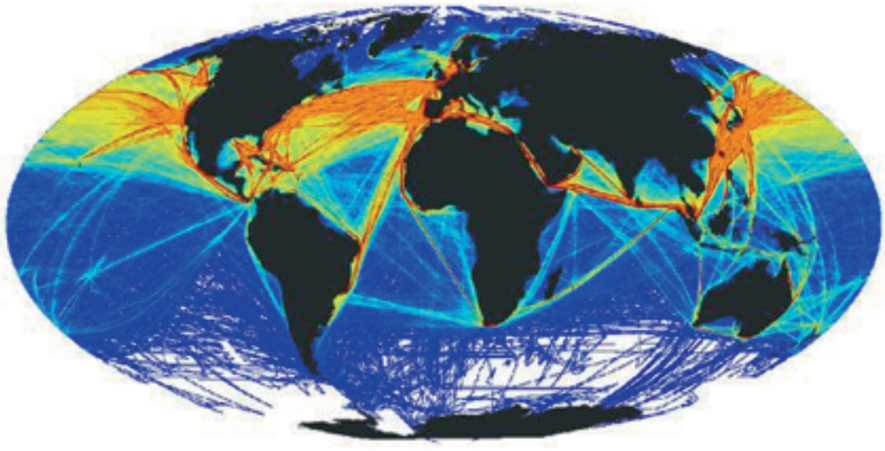


Figure 2

Projections of global sea level rise to 2100

The following resource relates to Question 3.



Global shipping movements

None Very low → Very high

Figure 3

Map of global shipping movements in 2014

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The following resource relates to Question 4.

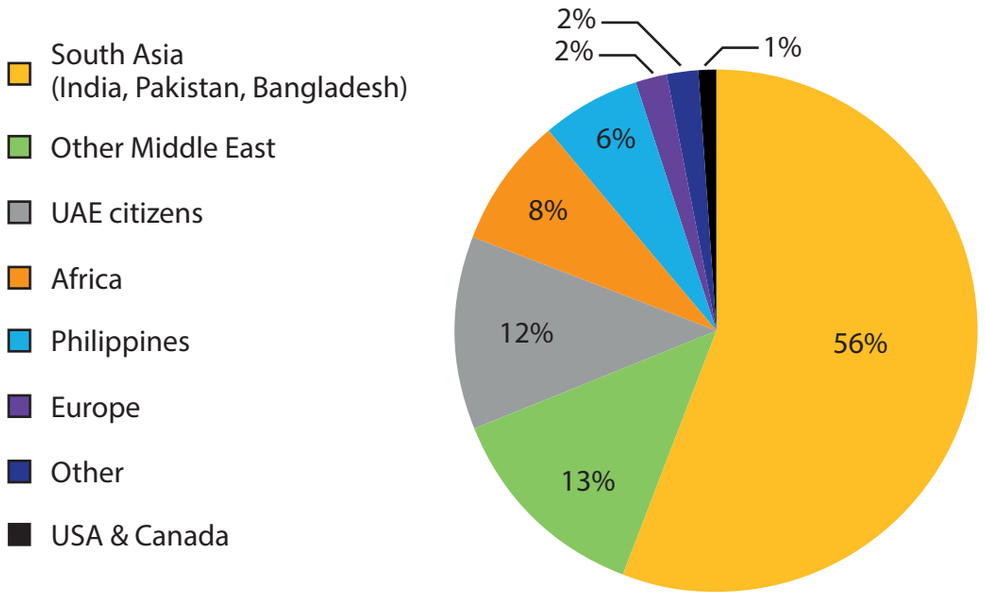


Figure 4

The nationality of the population of the United Arab Emirates (UAE) in 2015

SECTION B

The following resource relates to Question 5.

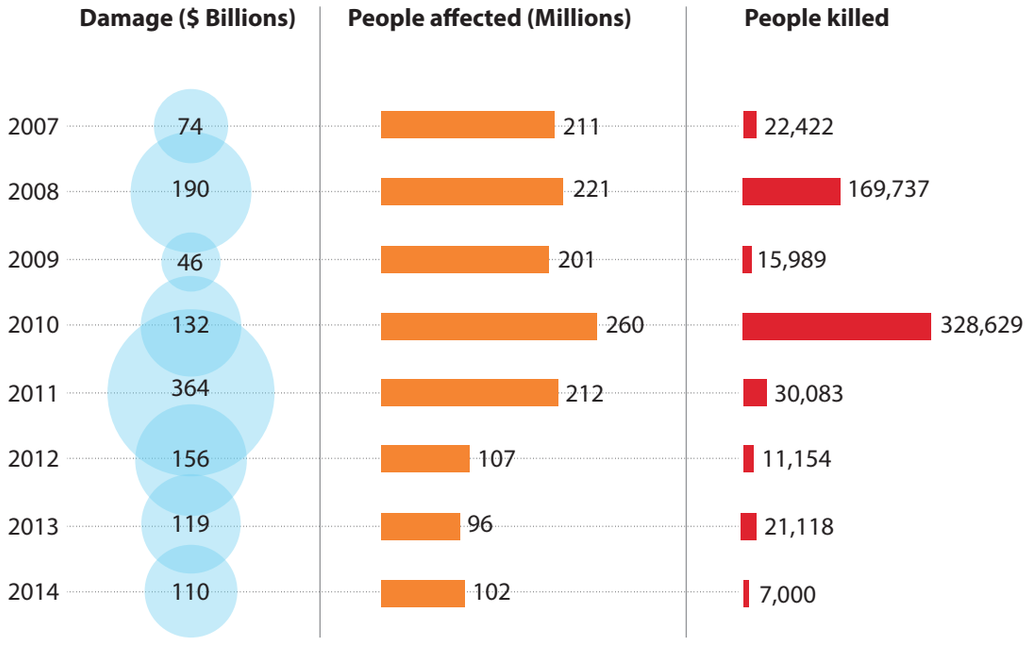


Figure 5

Data for worldwide natural disaster impacts (tectonic and hydro-meteorological) 2007-2014

The following resource relates to Question 6.

Country	Percentage (%) of population connected to the internet in: **2000**	Percentage (%) of population connected to the internet in: **2016**
North Korea	0	0.1
Kenya	0.3	69.6
Ethiopia	0.1	5.2
China	1.6	49.5
USA	43.1	87.1
Singapore	21.4	82.0

Under 5%
5-25%
26-50%
Over 50%

Figure 6

Internet connection data for six countries in 2000 and 2016

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