

Write your name here

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Pearson Edexcel Centre Number Candidate Number

International Advanced Level

Geography
International Advanced Subsidiary
Paper 1: Global Challenges

Monday 8 January 2018 – Afternoon Time: 1 hour 45 minutes	Paper Reference WGE01/01
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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) Describe the distribution of landslide risk in California.

(2)

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

(4)

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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.

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

(6)

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(Total for Question 2 = 15 marks)



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'.

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

(4)

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

(6)

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(Total for Question 3 = 15 marks)



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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(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)

Area with horizontal dotted lines for writing the answer to Question 6(a).

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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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International Advanced Level

Geography

**International Advanced Subsidiary
Paper 1: Global Challenges**

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Resource Booklet

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Do not return this Resource Booklet with the question paper.

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SECTION A

The following resource relates to Question 1.

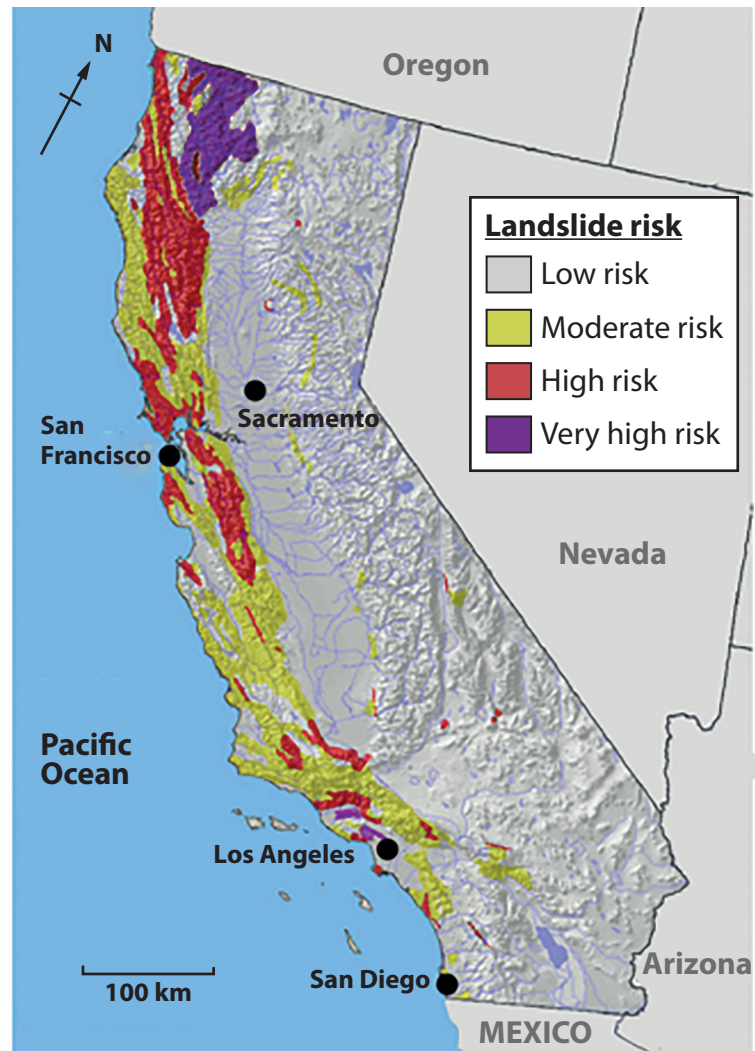


Figure 1

A map of landslide risk in California

The following resource relates to Question 2.

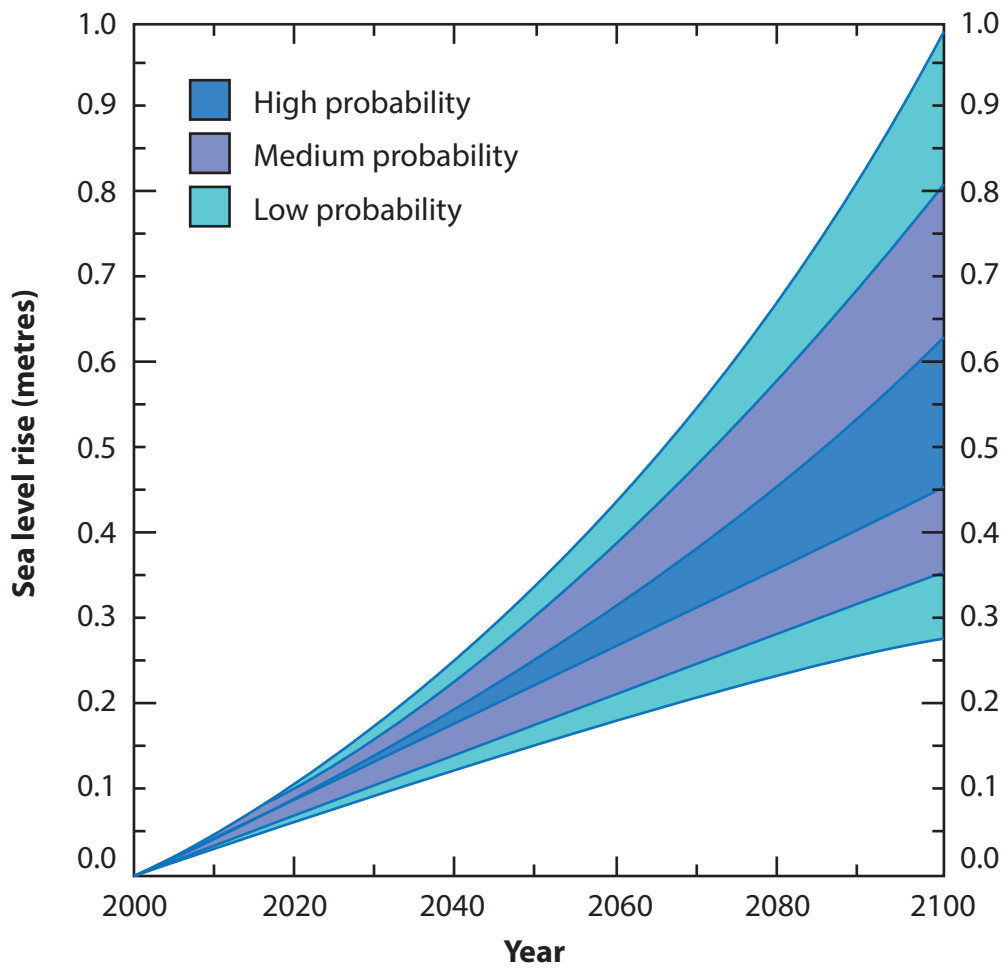
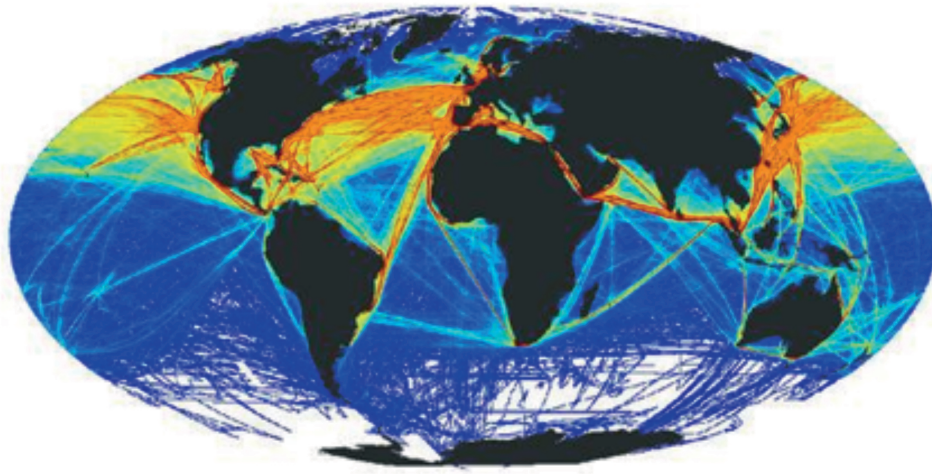


Figure 2

Projections of global sea level rise to 2100

The following resource relates to Question 3.



Global shipping movements



Figure 3

Map of global shipping movements in 2014

The following resource relates to Question 4.

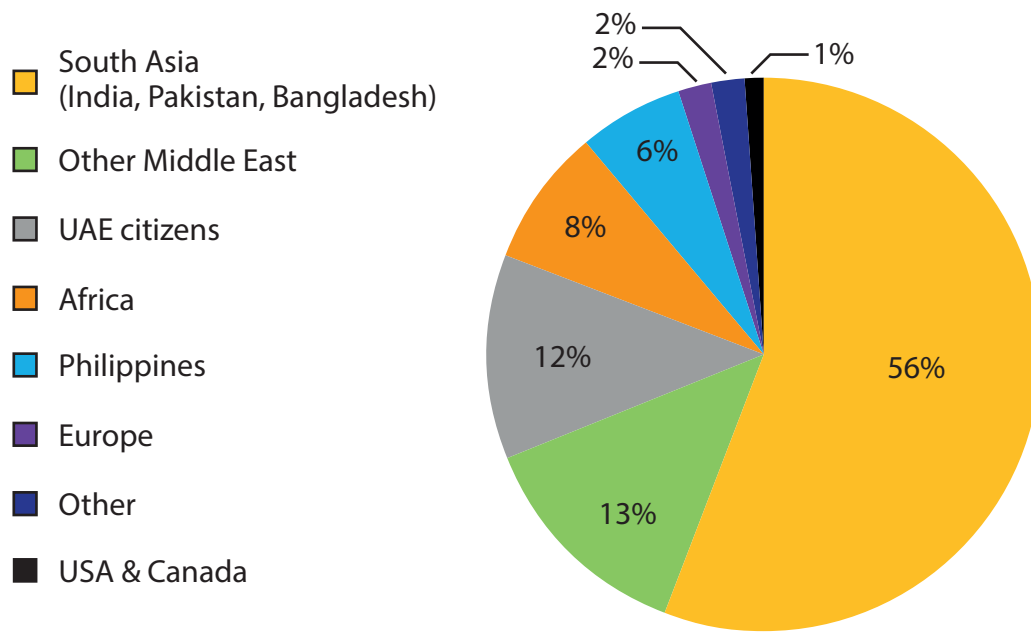


Figure 4

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

SECTION B

The following resource relates to Question 5.

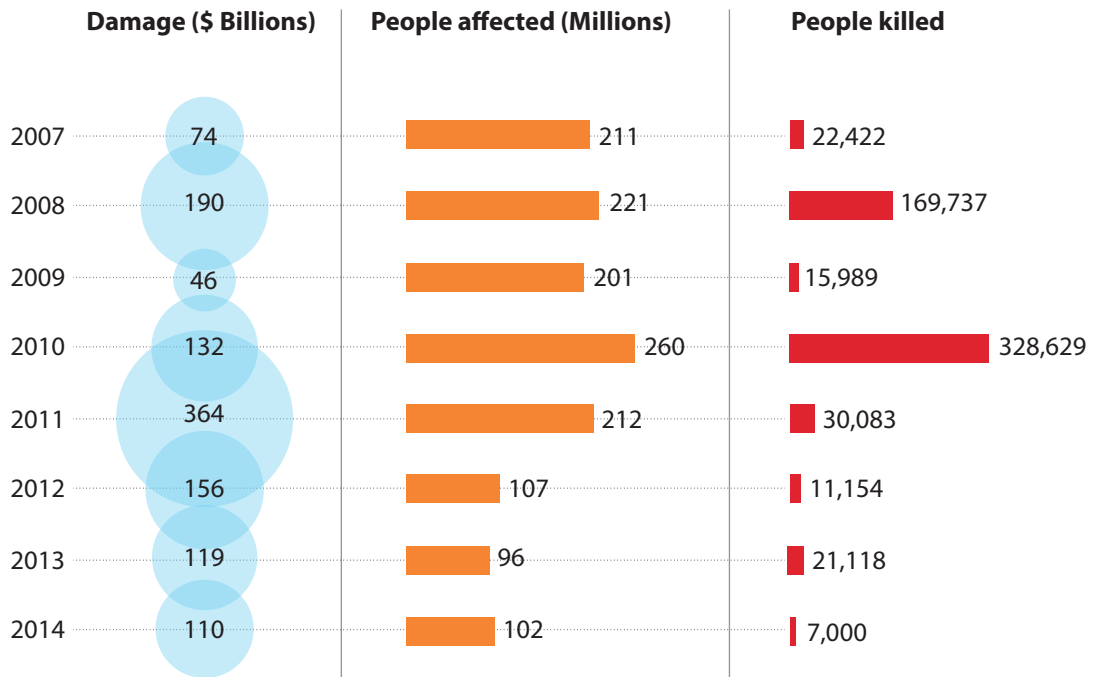


Figure 5

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:	Percentage (%) of population connected to the internet in:
	2000	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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