

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 ►

P54977A

©2018 Pearson Education Ltd.

1/1/1/1/1/1/1



Pearson

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

.....

.....

.....

2

.....

.....

.....

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



(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-meteorological disasters.

(6)

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 1 = 15 marks)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



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)

1

.....

.....

.....

2

.....

.....

.....

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



(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)



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)

.....

.....

.....

.....

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

(2)

.....

.....

.....

.....

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



(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)



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)

.....

.....

.....

.....

(b) Explain the economic benefits of international migration for source countries. (4)

.....

.....

.....

.....

.....

.....

.....

.....

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



(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

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



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)

A large rectangular area filled with horizontal dotted lines, intended for students to write their answers to the question.

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Blank writing area with horizontal dashed lines.



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

(20)

Area with horizontal dotted lines for writing the answer.

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Large writing area with horizontal dotted lines.



.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

(Total for Question 5 = 30 marks)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



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).

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



Blank writing area with horizontal dashed lines.

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



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

(20)

Area with horizontal dotted lines for writing the answer.

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



Lined writing area with horizontal dashed lines.

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Area with horizontal dotted lines for writing.

(Total for Question 6 = 30 marks)

TOTAL FOR SECTION B = 30 MARKS
TOTAL FOR PAPER = 90 MARKS



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

BLANK PAGE



Pearson Edexcel
International Advanced Level

Geography

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

Monday 8 January 2018 – Afternoon
Resource Booklet

Paper Reference
WGE01/01

Do not return this Resource Booklet with the question paper.

Turn over ►

P54977A

©2018 Pearson Education Ltd.

1/1/1/1/1/1/1



Pearson

SECTION A

The following resource relates to Question 1.

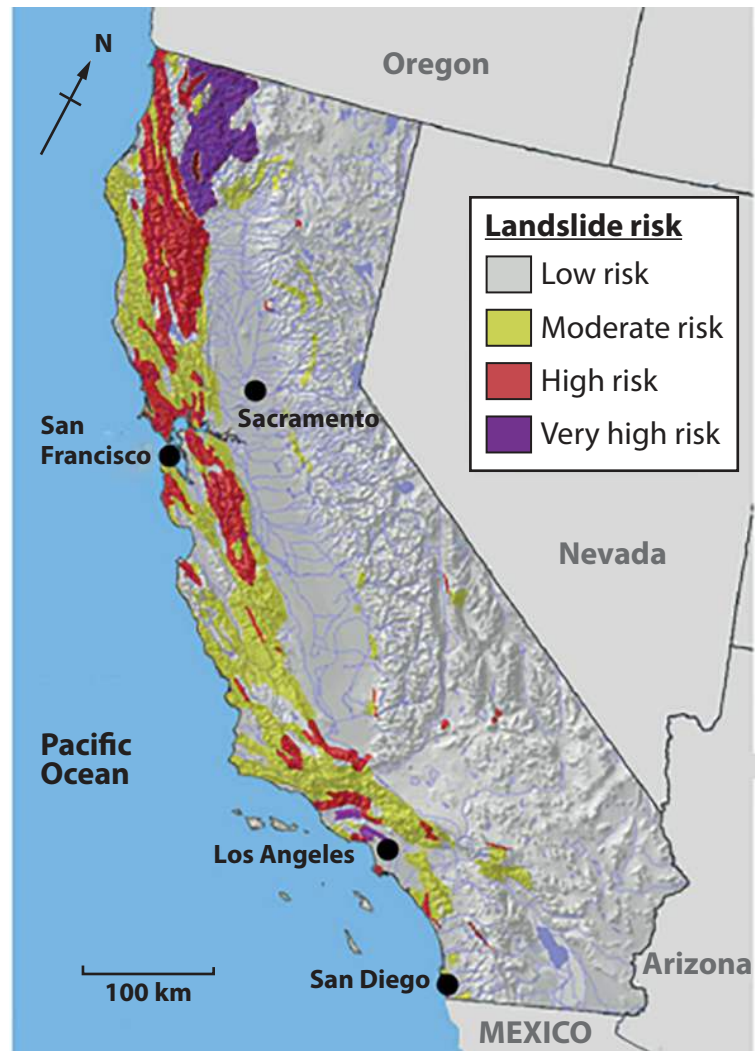


Figure 1

A map of landslide risk in California

The following resource relates to Question 2.

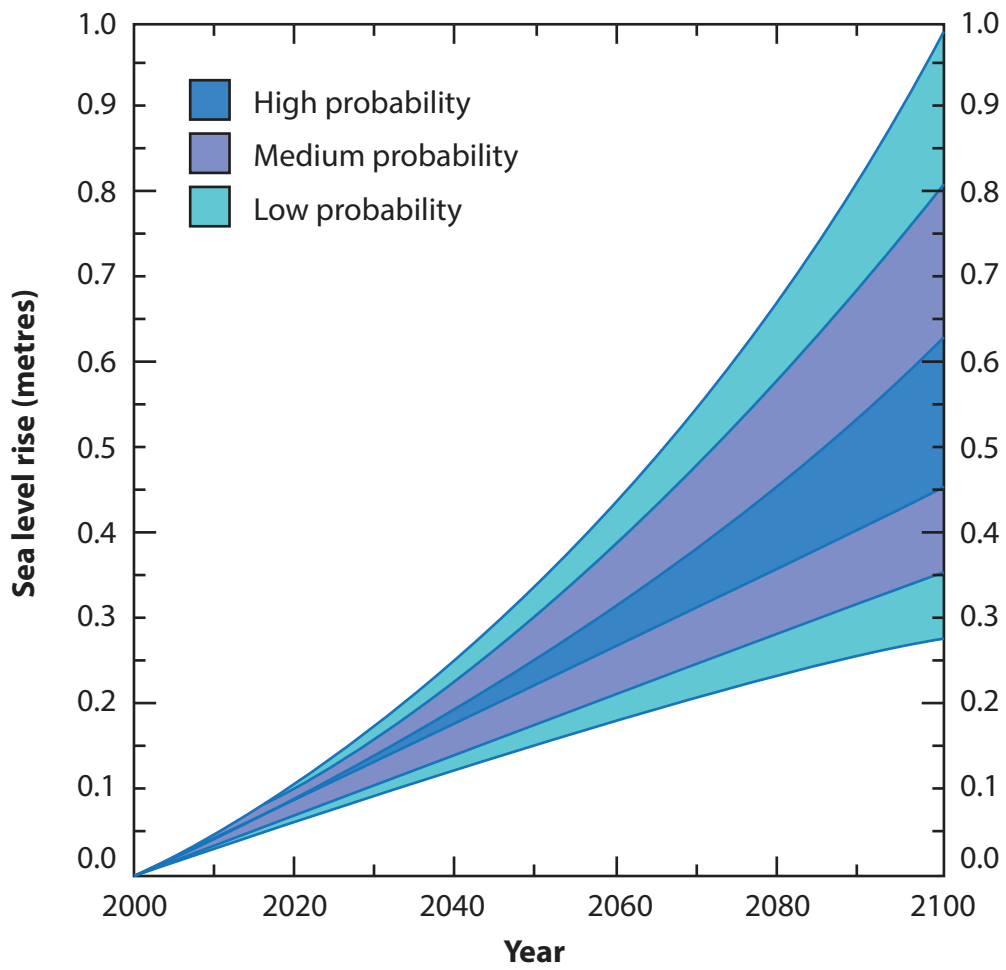
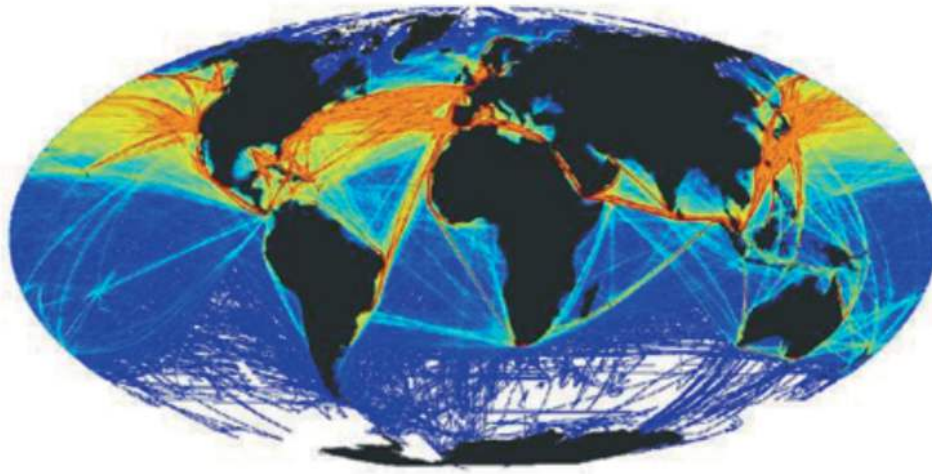


Figure 2

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.

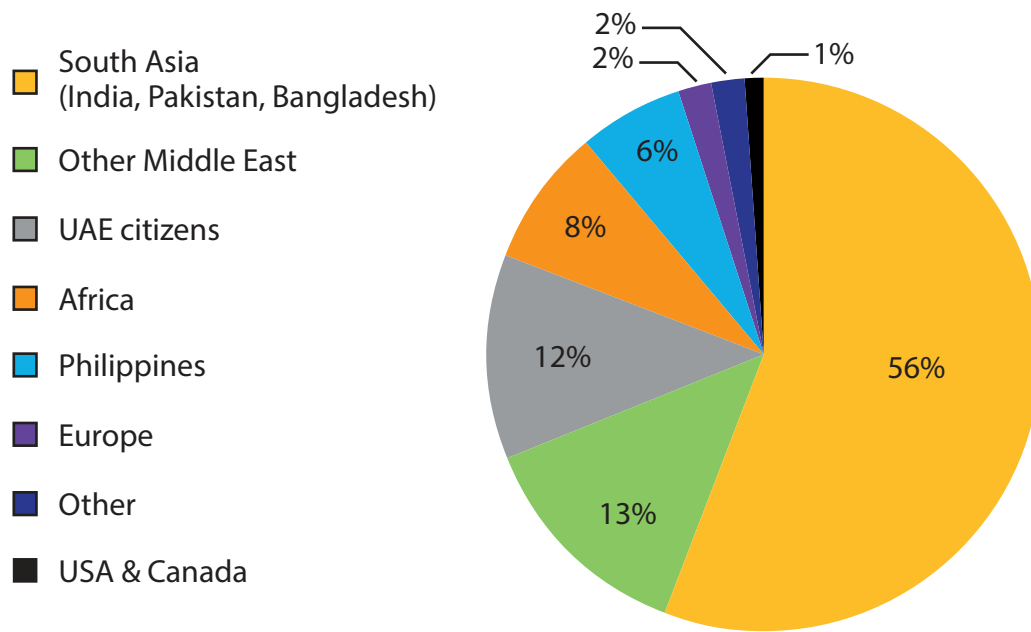


Figure 4

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

SECTION B

The following resource relates to Question 5.

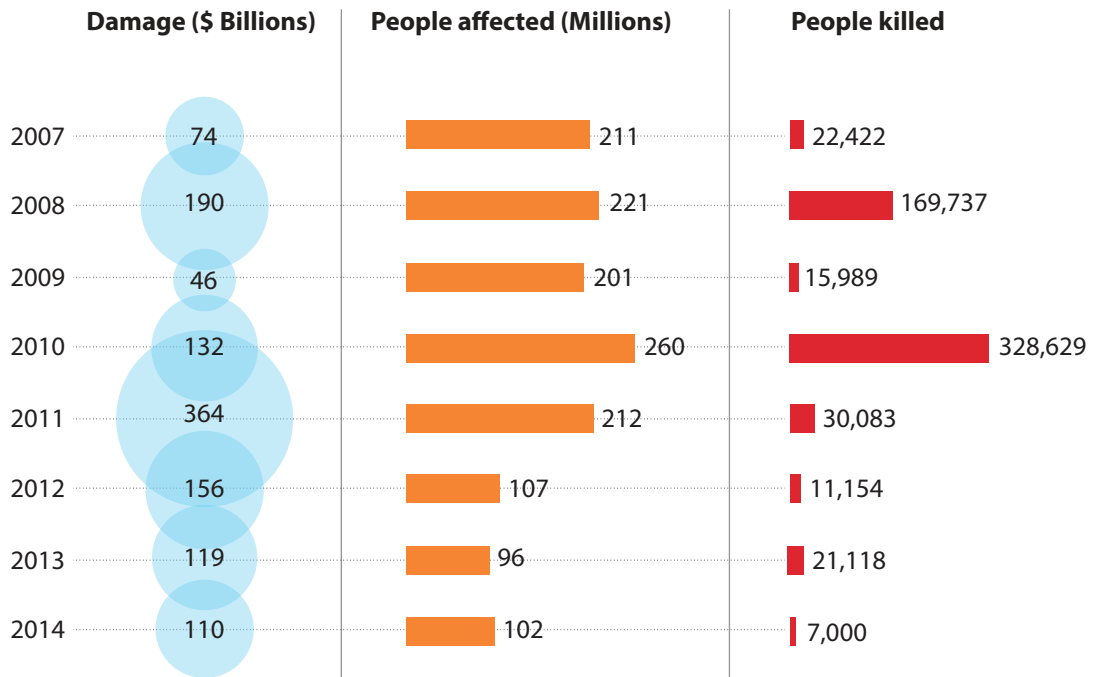


Figure 5

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



BLANK PAGE

Every effort has been made to contact copyright holders to obtain their permission for the use of copyright material. Pearson Education Ltd. will, if notified, be happy to rectify any errors or omissions and include any such rectifications in future editions.

