

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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**Monday 7 January 2019**

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

## 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) Identify the sea surface temperature anomaly at location X during El Nino.

(1)

A  $-4^{\circ}\text{C}$

B  $-2^{\circ}\text{C}$

C  $2^{\circ}\text{C}$

D  $4^{\circ}\text{C}$

(ii) Describe the pattern of sea surface temperature anomalies between the tropics during the La Nina event.

(2)

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(iii) Explain **one** way El Nino can increase the risk of flooding.

(2)

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(Total for Question 1 = 15 marks)



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2 Study Figure 2 in the Resource Booklet.

(a) (i) Identify the town that had the most rainfall during Hurricane Matthew. (1)

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(ii) Other than heavy rainfall, suggest **two** hazards that might have affected Jamaica as a result of Hurricane Matthew. (4)

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(b) Describe how the magnitude of tectonic hazards can be measured. (4)

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(c) Explain how human factors may increase the frequency of hydro-meteorological hazards.

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**(Total for Question 2 = 15 marks)**



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**3** Study Figure 3 in the Resource Booklet.

(a) (i) Identify the country that had the highest annual percentage change in GDP in 2015. (1)

- A** China
- B** India
- C** Russia
- D** USA

(ii) Compare the trends in annual percentage change in GDP for China and Russia between 2013 and 2016. (4)

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(b) Explain why the economies of emerging countries have grown rapidly in recent years. (4)

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(c) Explain the role Intergovernmental Organisations (IGOs) play in global trade.

(6)

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**(Total for Question 3 = 15 marks)**

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**4** Study Figure 4 in the Resource Booklet.

(a) (i) Identify the year when the share of trade for both developed and emerging countries declined.

(1)

- A** 1980
- B** 1990
- C** 2000
- D** 2010

(ii) Describe the trend in the percentage of world manufacturing trade between developed countries from 1995 to 2010.

(2)

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(b) Define the term 'global hub'.

(2)

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(Total for Question 4 = 15 marks)

**TOTAL FOR SECTION A = 60 MARKS**





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(b) Assess the extent to which climate change has mainly natural causes.

(20)

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(Total for Question 5 = 30 marks)







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(b) Assess the extent to which ageing populations are a problem for the future, not for today.

(20)

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**(Total for Question 6 = 30 marks)**

**TOTAL FOR SECTION A = 60 MARKS**  
**TOTAL FOR PAPER = 90 MARKS**



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