

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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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) Identify the sea surface temperature anomaly at location X during El Nino. (1)

- A -4°C
- B -2°C
- C 2°C
- D 4°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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(b) Explain **one** local and **one** global action taken to reduce greenhouse gas emissions.

(4)

Local action

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Global action

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(c) Explain why adaptation to rising sea levels is easier in some locations than in others.

(6)

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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)

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

1

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2

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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.

(6)

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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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(c) Explain **two** ways that consumers have benefited from the growth of global brands.

(4)

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(d) Explain why there is uncertainty about future global population projections.

(6)

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(Total for Question 4 = 15 marks)

TOTAL FOR SECTION A = 60 MARKS



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 reasons for the variations in the human and economic impacts shown. (10)

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

6 Study Figure 6 in the Resource Booklet.

(a) Suggest reasons for the change in distribution of megacities shown.

(10)

Dotted lines for writing the answer.



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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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