

Write your name here

Surname

Other names

Pearson Edexcel
International
Advanced Level

Centre Number

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Candidate Number

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Geography

International Advanced Level
Unit 3: Contested Planet

Sample assessment materials for first teaching
September 2016

Time: 2 hours

Paper Reference

WGE03/01

You must have:

Resource booklet (enclosed), calculator.

Total Marks

Candidates may use any calculator permitted by Pearson regulations.

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, **one** question in Section B and **one** question in Section C.
- Answer the questions in the spaces provided
– *there may be more space than you need.*

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: Compulsory topics and synoptic question

You must use the Resource booklet.

Answer ALL questions in this section. Write your answers in the spaces provided.

A1: Atmosphere and Weather Systems

- 1** (a) Using Figure 1, suggest how both human and physical factors could help explain the pattern of impacts shown.

(10)

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(b) Evaluate the contribution forecasting technologies can make to the successful management of extreme weather events.

(15)

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(Total for Question 1 = 25 marks)

A2: Biodiversity Under Threat

- 2 Using Figure 2, suggest reasons for the different values of tropical rainforest ecosystem services.

(10)

(Total for Question 2 = 10 marks)

Synoptic question

You should use relevant knowledge and understanding from AS unit 1 and A2 unit 3 (topics A1 and A2) to answer this question.

3 To what extent is globalisation responsible for the threats facing biodiversity?

(15)

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(Total for Question 3 = 15 marks)

TOTAL FOR SECTION A = 50 MARKS

SECTION B: Resource options

You must use the Resource booklet.

Answer ONE question in this section – EITHER Question 4 OR Question 5.

Write your answers in the spaces provided.

B1: Energy Security

- 4 (a) Using Figure 3, suggest reasons for the differences in energy mix between Mexico and the Czech Republic.

(5)

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- (b) Using named examples, assess the contribution renewable energy sources could make to both future energy security and environmental sustainability.

(15)

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(Total for Question 4 = 20 marks)

B2: Water Conflicts

- 5 (a) Using Figure 4, suggest reasons for the differences in water sources between the United Arab Emirates (UAE) and Zimbabwe.

(5)

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- (b) Using named examples, assess the importance of water supply in promoting both human health and economic development.

(15)

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(Total for Question 5 = 20 marks)

TOTAL FOR SECTION B = 20 MARKS

SECTION C: Economic and political options

Answer ONE question in this section – EITHER Question 6 OR Question 7.

Write your answers in the spaces provided.

C1: Superpower Geographies

- 6 To what extent do today's superpowers and emerging powers gain and maintain power in different ways to those in the past?

(20)

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(Total for Question 6 = 20 marks)

C2: Bridging the Development Gap

7 To what extent does a development gap exist in all places and at all scales?

(20)

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(Total for Question 7 = 20 marks)

TOTAL FOR SECTION C = 20 MARKS

TOTAL FOR PAPER = 90 MARKS

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International Advanced Level

Geography

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Do not return this Resource booklet with the question paper.

Turn over ►

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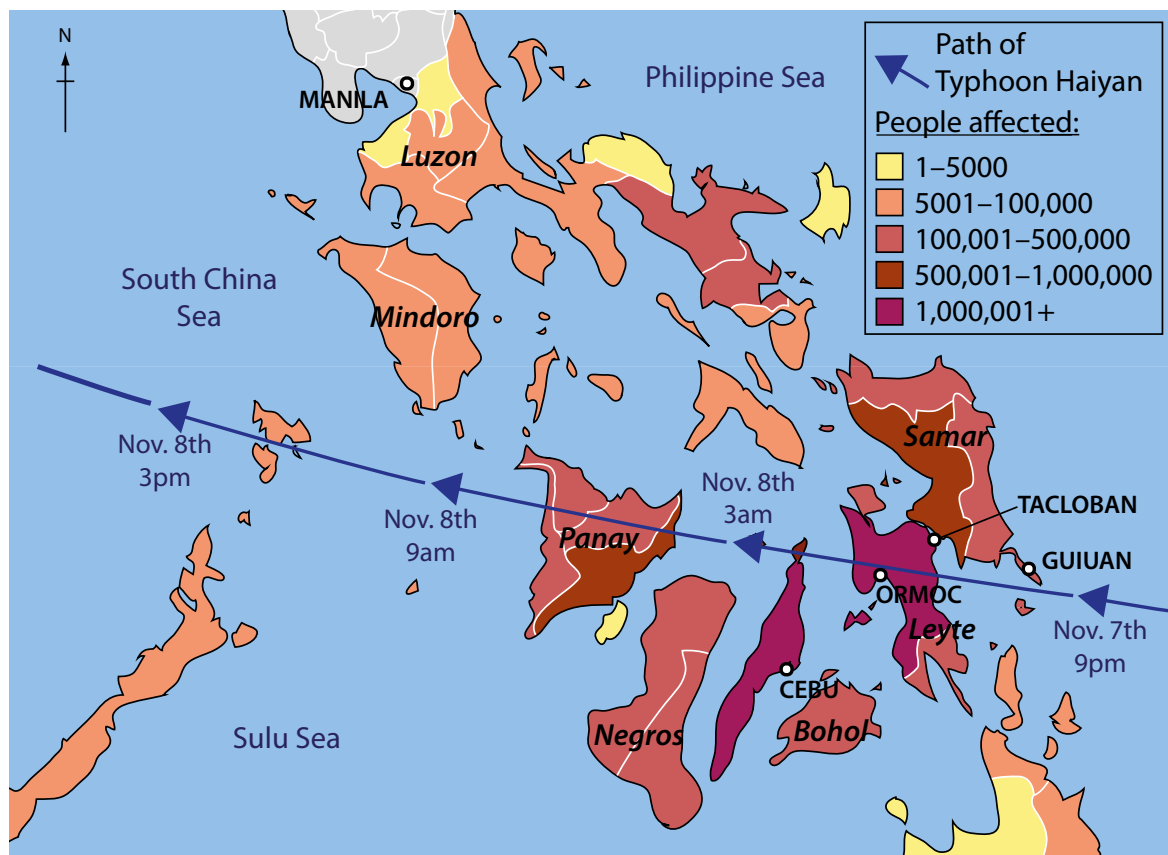


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SECTION A

A1: Atmosphere and Weather Systems

The following resource relates to Question 1.



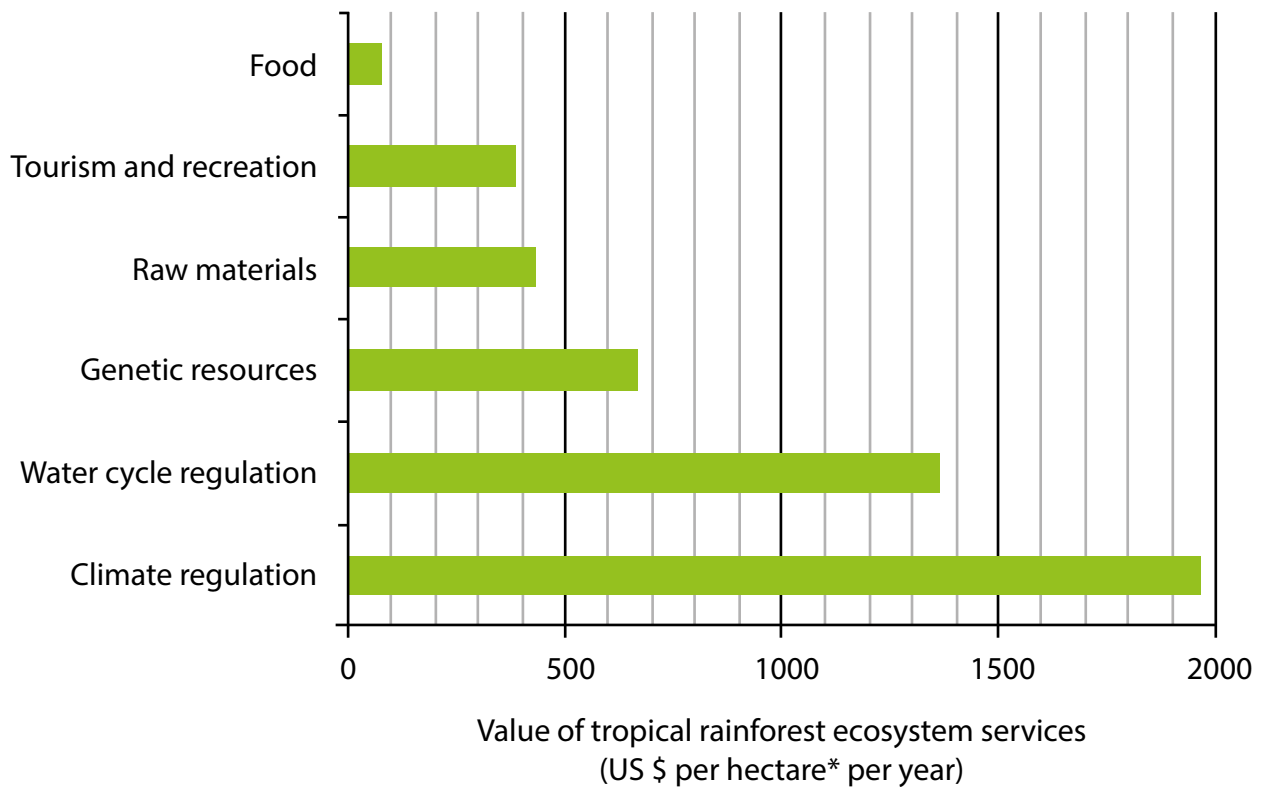
(Source: Philippines National Disaster Risk Reduction and Management Council and USAID)

Figure 1

The distribution of people affected by Typhoon Haiyan in the Philippines, November 2013

A2: Biodiversity Under Threat

The following resource relates to Question 2.



(Source adapted from: http://openlandscapes.zalf.de/openLandscapesWIKI_Glossaries/Regulating%20Ecosystem%20Services.aspx)

Figure 2

The value of tropical rainforest ecosystem services
(*one hectare is an area 100m × 100m)

SECTION B**B1: Energy Security**

The following resource relates to Question 4.

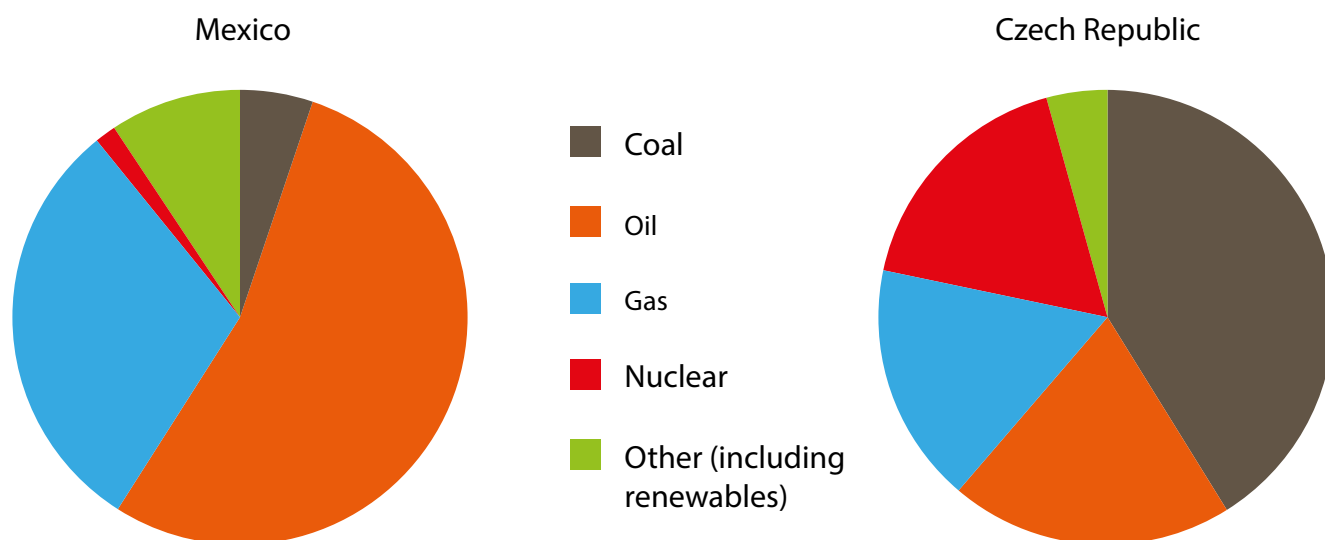


Figure 3

The energy mix of two countries in 2013

B2: Water conflicts

The following resource relates to Question 5.

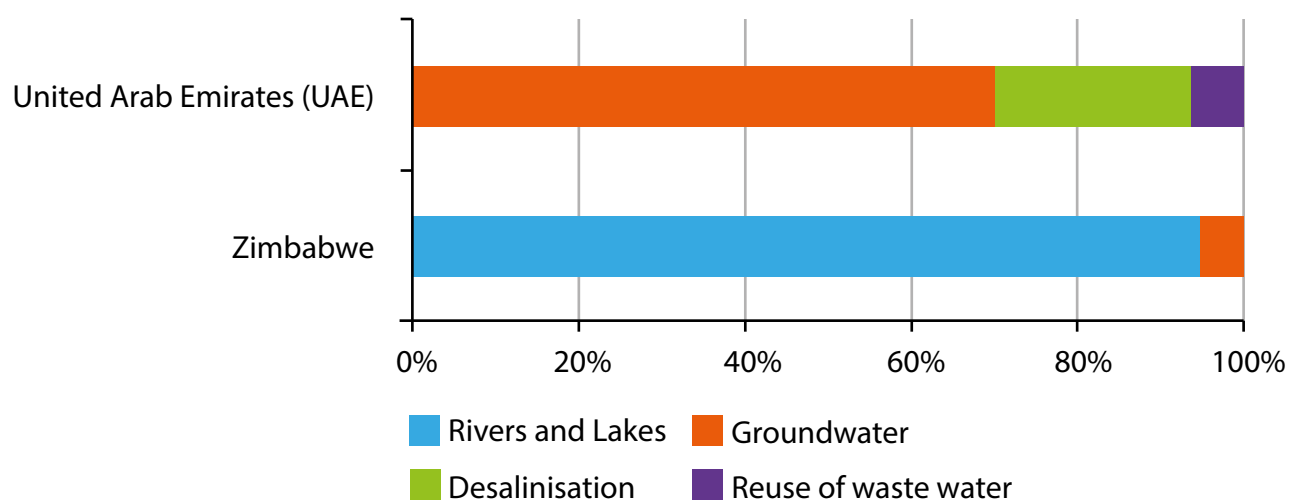


Figure 4

Water sources for two countries

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