GradeMax

Write your name here

Surname	Other names

Pearson Edexcel
International Advanced Level

Centre Number | | | | | |

Candidate Number | | | | |

Geography

International Advanced Level

Paper 3: Contested Planet

Monday 15 January 2018 – Afternoon
Time: 2 hours

Paper Reference
WGE03/01

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, **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.*
- 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: Compulsory topics and synoptic question

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

A1: Atmosphere and Weather Systems

1 Using Figure 1, explain the weather conditions for Rennes and Sousse.

(10)

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(Total for Question 1 = 10 marks)

A2: Biodiversity Under Threat

2 (a) Using Figure 2, suggest reasons for the different trends in forest cover between 1990 and 2015.

(10)

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(b) Evaluate the relative importance of physical and human factors in influencing levels of biodiversity.

(15)

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(Total for Question 2 = 25 marks)

Synoptic question

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

3 To what extent are worldwide population trends contributing to increased risks from extreme weather hazards?

(15)

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(Total for Question 3 = 15 marks)

TOTAL FOR SECTION A = 50 MARKS

SECTION B: Resource options

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

If you answer Question 4 put a cross in the box ☒ .

Indicate which question you are answering by marking a cross in the box ☒. If you change your mind, put a line through the box ☒ and then indicate your new question with a cross ☒.

Write your answers in the spaces provided.

B1: Energy Security

4 (a) Using Figure 3, suggest reasons for the projected changes in global energy demand.

(5)

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(b) Using named examples, assess the importance of different players in making countries energy secure.

(15)

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(Total for Question 4 = 20 marks)

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If you answer Question 5 put a cross in the box ☒ .

B2: Water Conflicts

5 (a) Using Figure 4, suggest reasons for the projected changes in global water demand.

(5)

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(b) Using named examples, assess the extent to which transboundary water supplies always lead to conflict between players.

(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.

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

Write your answers in the spaces provided.

C1: Superpower Geographies

6 To what extent is military power the most important factor in explaining the global influence of superpowers?

(20)

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(Total for Question 6 = 20 marks)

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If you answer Question 7 put a cross in the box ☒ .

C2: Bridging the Development Gap

7 To what extent are small-scale, bottom-up projects the best way to reduce the development gap?

(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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Pearson Edexcel
International Advanced Level

Geography
International Advanced Level
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WGE03/01

Do not return this Resource Booklet with the question paper.

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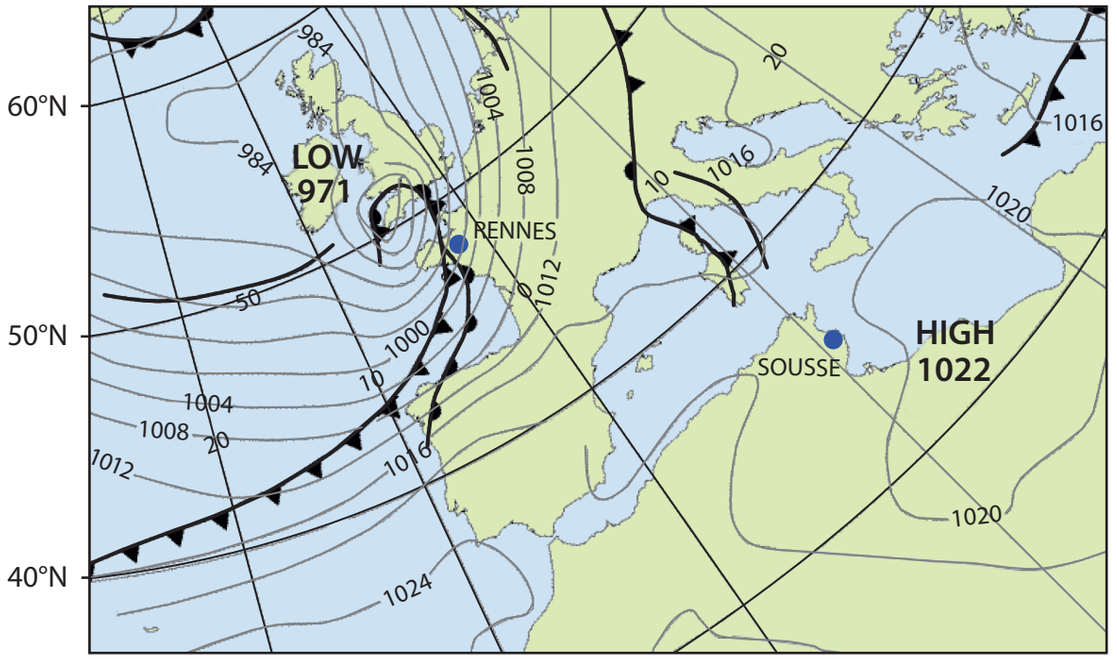
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SECTION A

A1: Atmosphere and Weather Systems

The following resource relates to Question 1.



Key

- 1000 — Isobar (pressure in millibars)
- Occluded front
- Warm front
- Cold front
- Trough

Weather data	RENNES	SOUSSE
Temperature	6°C	18°C
Wind direction	SW	ENE
Wind speed	30 kmh	5 kmh
Precipitation	Heavy rain	None
Cloud	Thick, low	None

Figure 1

A synoptic chart and weather data for 1pm on 28th March 2016

A2: Biodiversity Under Threat

The following resource relates to Question 2.

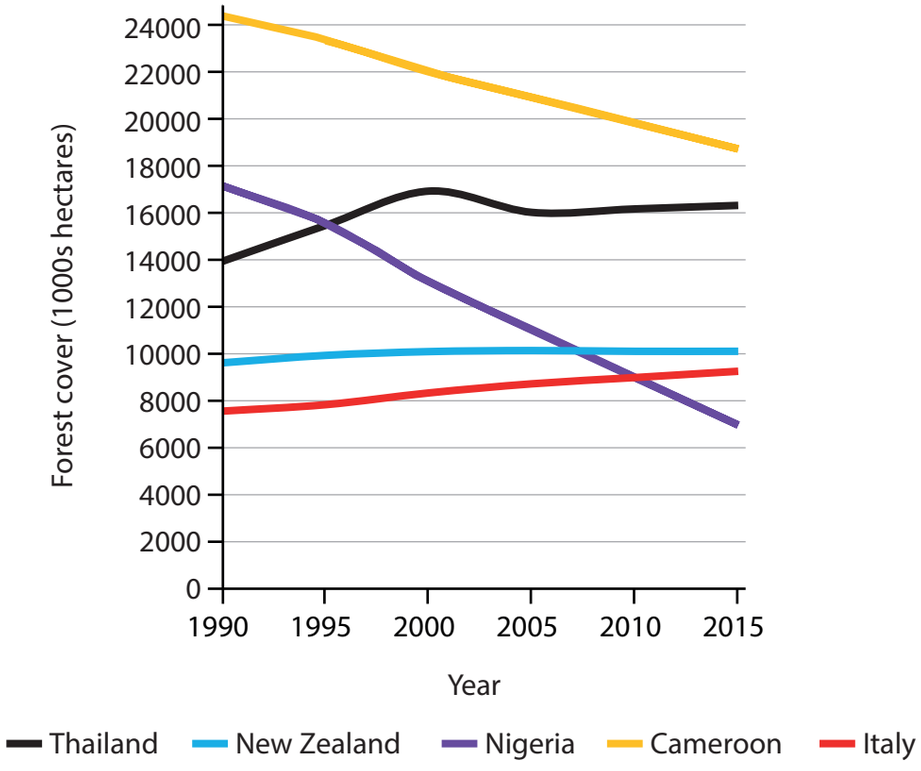


Figure 2

Change in forest cover between 1990 and 2015

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SECTION B

B1: Energy Security

The following resource relates to Question 4.

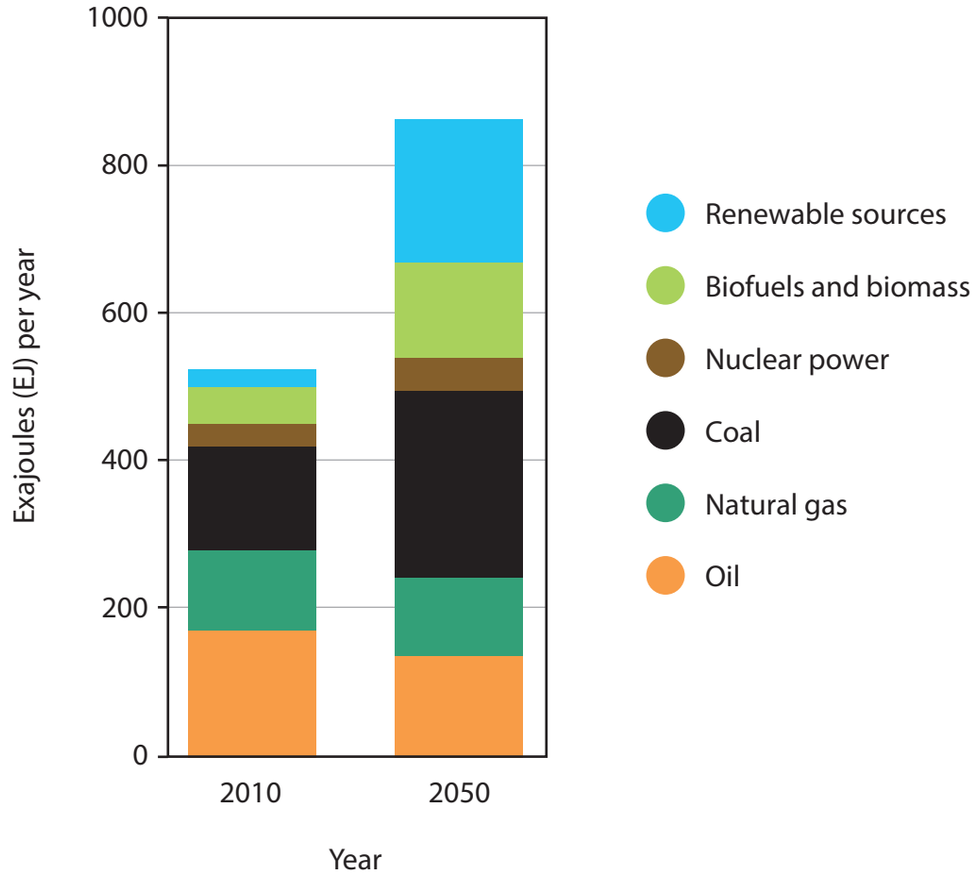


Figure 3

Global energy demand in 2010 and projected to 2050

B2: Water Conflicts

The following resource relates to Question 5.

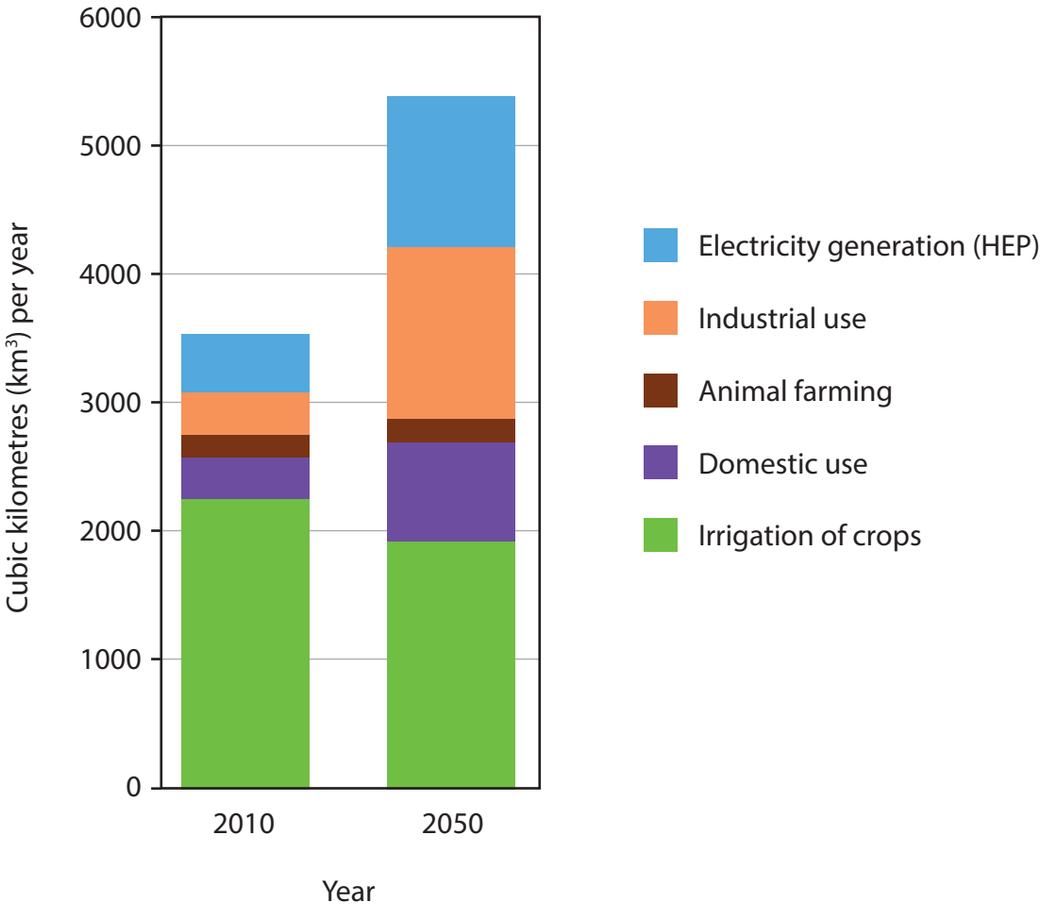


Figure 4

Global water demand in 2010 and projected to 2050

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