

Write your name here

Surname

Other names

Centre Number

Candidate Number

Edexcel GCE

Geography

Advanced

Unit 3: Contested Planet

Monday 21 June 2010 – Afternoon

Time: 2 hours 30 minutes

Paper Reference

6GE03/01

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 TWO questions in Section A and ALL parts of Section B.
- 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.*
- The quality of your written communication will be assessed in ALL your responses
– *you should take particular care on these questions with your spelling, punctuation and grammar, as well as the clarity of expression.*

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Spend approximately 80 minutes on Section A and 70 minutes on Section B.
- Check your answers if you have time at the end.

Turn over ►

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SECTION A

Answer TWO questions in this section.
You are reminded of the need to use examples to support your arguments.
You are advised to spend approximately 80 minutes on Section A.

Energy Security

1 Study Figure 1.

(a) Suggest the possible environmental consequences of the changes in electricity consumption shown. (10)

(b) Assess the degree of uncertainty over future global sources of energy **supply**. (15)

(Total for Question 1 = 25 marks)

Water Conflicts

2 Study Figure 2.

(a) Explain how human interference in the water cycle can affect water availability. (10)

(b) Using named examples, assess the potential for water supply to become a source of conflict. (15)

(Total for Question 2 = 25 marks)

Superpower Geographies

3 Study Figure 3.

(a) With reference to Figure 3 and your own knowledge, explain how the USA maintains its superpower status. (10)

(b) To what extent is the USA's superpower status threatened by the emerging power of the BRICs (Brazil, Russia, India and China)? (15)

(Total for Question 3 = 25 marks)



Bridging the Development Gap

4 Study Figure 4.

(a) Using Figure 4 and your own knowledge, explain why some groups of people **within a country** have a lower level of development than others. (10)

(b) Using named examples, assess the advantages and disadvantages of top-down and bottom-up development strategies. (15)

(Total for Question 4 = 25 marks)

The Technological Fix?

5 Study Figure 5.

(a) Explain how **both** taxing and subsidising petrol can have impacts on human and ecosystem wellbeing. (10)

(b) Using named examples, discuss the extent to which there is a widening technology gap between the developed and developing world. (15)

(Total for Question 5 = 25 marks)



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(Total for Question = 25 marks)

TOTAL FOR SECTION A = 50 MARKS



SECTION B

Answer ALL parts of this section, referring to the advance information you have been asked to study.

You are reminded of the need to use examples from any part of your GCE Geography course to support your answers.

You are advised to spend approximately 70 minutes on Section B.

Biodiversity under Threat

- 6 (a) Explain why the Pacific SIDS (Small Island Developing States) have such high biodiversity. (10)

- (b) Evaluate the **relative** importance of the threats facing biodiversity in the region. (16)

- (c) Examine the **actions** shown in **Figure 7**. Assess the contribution these might make to a more sustainable future for the Pacific SIDS. (14)

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(Total for Question 6 = 40 marks)

TOTAL FOR SECTION B = 40 MARKS
TOTAL FOR PAPER = 90 MARKS



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