

Centre Number						Candidate Number				
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For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
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10	
TOTAL	



General Certificate of Education
Advanced Subsidiary Examination
June 2013

Critical Thinking

CRIT2

Unit 2 Information, Inference and Explanation

Thursday 23 May 2013 1.30 pm to 3.00 pm

For this paper you must have:

- Source Material (enclosed).

You may use a calculator.

Time allowed

- 1 hour 30 minutes

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Answers written in margins or on blank pages will not be marked.
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 70 (44 for Section A and 26 for Section B).

You will be marked on your ability to:

- use good English
- organise information clearly
- use specialist vocabulary where appropriate.

Advice

- The recommended time allocation for this examination is as follows:
 - Initial reading: up to 15 minutes
 - Section A: 35–40 minutes
 - Section B: 35–40 minutes.



J U N 1 3 C R I T 2 0 1

Section A

Study **Documents A to C** before answering **all** the questions in the spaces provided.

There are **44 marks** available for this section.

Questions 1 and 2 refer to Document A.

1 Paragraph 1 implies that it is surprising that the world is not more peaceful, given our scientific progress.

Give **one** reason to explain why advances in scientific understanding do not necessarily lead to peace.

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(2 marks)

2



2 At the end of paragraph 1, the writer claims that ‘we face an unprecedented crisis of crime, terrorism and war’.

How well does the information in paragraphs 2 and 3 support this claim?

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(4 marks)

4

Turn over for the next question

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Questions 3 to 5 refer to Document B.

3 At the end of paragraph 2, Pinker writes ‘So experts should be recognising the improvements in the world’s fortunes...’.

Does what he writes in paragraphs 1 and 2 justify his inference?

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(4 marks)

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4 With reference to paragraph 6, is Pinker right not to count deaths in the war zones of Iraq and Afghanistan when calculating deaths from terrorism? Briefly explain your answer.

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(4 marks)

4



5 In paragraph 7, Pinker argues that ‘...there is a moral imperative in getting the facts [about war and violence] right’.

What role does his phrase ‘The effort to quantify the misery can seem heartless’ play in his argument?

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(2 marks)

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Questions 6 to 9 refer to Document C.

6 Question 6 refers to **Graph 1**.

To what extent can each of the following statements safely be inferred from the information in **Graph 1** alone?

(You should assume that the data are accurate.)

6 (a) In the 1990s, for the first time since the 1950s, there were more civil wars than interstate wars.

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(3 marks)

6 (b) No war of any kind since 2000 has killed more than 10 000 people.

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(3 marks)



6 (c) Between 1950 and 1979, the deadliness of interstate war was, on average, more than four times greater than in the 30 years from 1980 to 2009.

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(5 marks)

11

7 Look at **Graph 2**.

The total number of countries included in **Graph 2** has increased from 36 in 1946 to 118 in 2008.

Give **three** plausible explanations as to why this has occurred.

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(3 marks)

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9 Look at **Graph 4**. Evaluate the following argument.

'The only fair measure of violence is how many people are killed in total, but as we can see in the graph, Pinker always gives relative figures, never totals. Ask yourself: Is it preferable for ten people in a group of 1000 to die violent deaths or ten million to die in a group of one billion? Morally, the extinction of more individual lives, one after another, is worse. But for Pinker, the two scenarios are exactly the same, in both cases it is a 99% chance of dying peacefully. So, measuring deaths relative to population is mistaken.'

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(6 marks)

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Section B

Answer this question.

There are **26 marks** available for this question.

10 'The world is a more dangerous place than ever.'

Write a reasoned argument for or against the statement above.

In presenting your case you should:

- produce a structured argument with a clearly stated conclusion or conclusions
- draw on relevant information and evidence found in the source documents; you may also draw on your own knowledge and experience if relevant
- consider any general principles that may apply
- consider and respond to possible counter-arguments.

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ANSWER IN THE SPACES PROVIDED**

