

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1	
2	
3	
4	
5	
6	
7	
8	
9	
TOTAL	



General Certificate of Education  
Advanced Subsidiary Examination  
June 2014

# Critical Thinking

# CRIT2

## Unit 2 Information, Inference and Explanation

Tuesday 3 June 2014 9.00 am to 10.30 am

**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. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work you do not want to be marked.

**Information**

- The maximum mark for this paper is 70.
- The marks for questions are shown in brackets.
- 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 4 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 **43 marks** available for this section.

**Questions 1 to 3 refer to Document A.**

**1** Give an example of an attack which would **not** count as 'unprovoked'.

**[1 mark]**

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<b>1</b>

**2** In **paragraph 3**, the author states that the increasing number of attacks 'does not necessarily mean that there is an increase in the rate of shark attack'.

Explain why this statement is **not** a contradiction? Is the claim justified?

**[4 marks]**

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<b>4</b>



**3** Comment critically on the following interpretation of the data in **Document A**:

Shark attacks peaked in 2010 and finally began to fall, reversing a long-standing trend. This is hardly surprising given the destruction of up to 70 million sharks per year.

**[4 marks]**

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<b>4</b>

**Turn over for the next question**

**Turn over ▶**





**4 (b)** 'The proportion of all unprovoked shark attacks off Australia resulting in a fatality has fallen in each decade since 1950.' (**Graph 1**)

**[3 marks]**

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**4 (c)** 'The percentage increase in unprovoked shark attacks between the 1990s and 2000s was greater in the waters off Florida than it was worldwide.' (**Graphs 2 and 3**)

**[3 marks]**

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**Turn over ▶**



**4 (d)** 'If the data in **Graph 3** are accurate, no other decade in the 20th century saw as many fatal, unprovoked shark attacks as the 1960s.'

**[4 marks]**

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Questions 6 and 7 refer to Document C.

6 Is it a fair criticism to describe the reasoning in **paragraph 2** of **Document C** as *ad hominem*?

[4 marks]

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**7** Comment critically on the reasoning used by the author in **Document C** against lifting the protection of great white sharks.

**[6 marks]**

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**Turn over for the next question**

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**Question 8 refers to Document D.**

**8** What contribution does the information in **Document D** make to the argument for the protection of large sharks? How strong is the evidence that the article provides?

**[4 marks]**

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**Section B**

Answer this question.

There are **27 marks** available for this question.

**9** ‘Swimming and water sports are massively popular, enriching, and economically important activities. We need coastal waters to be safe. If sharks bite humans, humans must bite back, with force. There is no more to it than that.’

Write a reasoned argument which supports or opposes 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 opposing views or arguments.

**[27 marks]**

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**Turn over** ▶



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Turn over ▶



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**END OF QUESTIONS**

<b>27</b>

