



**ADVANCED GCE**  
**CRITICAL THINKING**  
Unit 4: Critical Reasoning

**F504**

Candidates answer on the Answer Booklet

**OCR Supplied Materials:**

- 16 page Answer Booklet
- Resource Booklet

**Other Materials Required:**

None

**Thursday 17 June 2010**  
**Morning**

**Duration: 1 hour 30 minutes**



**INSTRUCTIONS TO CANDIDATES**

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the spaces provided on the Answer Booklet.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer **all** the questions.
- Do **not** write in the bar codes.

**INFORMATION FOR CANDIDATES**

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is **60**.
- You are advised to spend about 15 minutes reading through the Resource Booklet and Question Paper before answering the questions.
- This document consists of **2** pages. Any blank pages are indicated.

Answer **all** questions.

### Analyse

- 1 Name the following elements and briefly explain their function in the structure of the reasoning:
- (a) ‘It is the equivalent of Greenpeace warning every potential donor that real Greenpeace activists virtually never work in small rubber dinghies fighting illegal whalers.’  
Document 1 Paragraph 9 [2]
- (b) ‘Nearly all of the known crystal skulls have at times been identified as Aztec, Toltec, Mixtec, or occasionally Maya.’  
Document 2 Paragraph 3 [2]
- 2 Is Document 2 an argument? Justify your answer. [6]
- 3 Paragraphs 4 and 5 of Document 1 counter Holtorf’s main argument. Analyse in detail the structure of this counter-argument by identifying elements of argument (such as reasons, intermediate conclusions, etc.) and showing their relationships to each other. [10]

### Evaluate

- 4 ‘Ultimately, archaeology has far more to gain from being associated with characters like Indiana Jones than it has to fear.’  
Document 1 Paragraph 8
- How effectively is this claim supported by the reasoning in the whole of Document 1? Justify your answer with selective reference to key strengths and weaknesses and their effect on the strength of the reasoning. [20]

### Develop your own reasoning

- 5 Films should aim to present reality as it is.
- Write your own argument to support or challenge this claim. [20]

**Total Marks [60]**



#### Copyright Information

OCR is committed to seeking permission to reproduce all third-party content that it uses in its assessment materials. OCR has attempted to identify and contact all copyright holders whose work is used in this paper. To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced in the OCR Copyright Acknowledgements Booklet. This is produced for each series of examinations, is given to all schools that receive assessment material and is freely available to download from our public website ([www.ocr.org.uk](http://www.ocr.org.uk)) after the live examination series.

If OCR has unwittingly failed to correctly acknowledge or clear any third-party content in this assessment material, OCR will be happy to correct its mistake at the earliest possible opportunity.

For queries or further information please contact the Copyright Team, First Floor, 9 Hills Road, Cambridge CB2 1GE.

OCR is part of the Cambridge Assessment Group; Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.