



**ADVANCED SUBSIDIARY GCE
CRITICAL THINKING**

Unit 1: Introduction to Critical Thinking

F501

Candidates answer on the Question Paper

OCR Supplied Materials:

- Resource Booklet

Other Materials Required:
None

**Monday 11 January 2010
Afternoon**

Duration: 1 hour 30 minutes



Candidate Forename		Candidate Surname	
--------------------	--	-------------------	--

Centre Number						Candidate Number				
---------------	--	--	--	--	--	------------------	--	--	--	--

INSTRUCTIONS TO CANDIDATES

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each passage in the Resource Booklet before starting to answer the questions.
- 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.
- Write your answer to each question in the space provided, however additional paper may be used if necessary.

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 **75**.
- You are advised to spend about 10 minutes reading the resource materials, about 35 minutes on Section A and about 40 minutes on Section B.
- Marks are available for the quality of written communication in your answers.
- This document consists of **12** pages. Any blank pages are indicated.

Section A – The language of reasoning

Answer **all** questions.

You should read the background information and then refer to **Document 1** 'Blackouts are a disturbing safety issue' **paragraphs 1, 2 and 3** in order to answer the questions in Section A.

1 You should use the exact words of the author in your answers to questions **1(a), 1(b)** and **1(c)**.

(a) State the **main conclusion** of the argument presented in paragraphs 1, 2 and 3.

.....
..... [3]

(b) State **three** argument indicator words that are used in paragraphs 1, 2 and 3.

1 [1]
2 [1]
3 [1]

(c) From the **counter argument** presented in paragraph 1 state:

- the **conclusion** of the counter argument

.....
.....
..... [3]

- the **hypothetical reason** given in the counter argument

.....
.....
..... [3]

- one other **reason** given in the counter argument

.....
.....
..... [3]

2 Consider the **second** sentence in paragraph 2, ‘Essex County Council insisted that vandalism and petty crime had not increased since it started its blackout trials.’

(a) Name the argument element used.

..... [2]

(b) Explain your answer to 2(a).

.....
.....
..... [2]

3 In **paragraph 1** the author refers to the city of Fairbanks in the US state of Alaska.

Explain **two** ways in which Fairbanks’ street lighting bill might or might not be typical of other cities’ street lighting bills.

(a)
.....
.....
..... [2]

(b)
.....
.....
..... [2]

4 (a) State the assumption that must be made about sodium street lamps in **paragraph 1**.

.....
..... [3]

(b) Those opposed to turning out street lights might argue, ‘Councils can reduce their carbon footprint without resorting to a blackout.’ Suggest **one** reason of your own to support this. You should not include any other argument elements.

.....
.....
..... [3]

5 Consider the argument presented in **paragraph 3**. Assess how strongly the reasons support the conclusion.

You should include:

- two **developed** points
- these should refer directly to the **links** between the reasons and the conclusion.

-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-
-

[6]

Section A Total [35]

Section B – Credibility

Answer **all** questions.

You should refer to all the material in the resource booklet in order to answer the questions in Section B.

6 Assess the credibility of **Document 2** from TheAA.com.

You should make **two** points.

Each point should identify and use a relevant credibility criterion to assess the credibility of the document and support this with reference to the text.

•
.....
.....
.....
..... [3]

•
.....
.....
.....
..... [3]

7 In **Document 2**, the Transport Minister claims, ‘Experience shows that better street lighting helps improve road safety, as well as reducing crime and fear of crime.’

(a) Identify a claim and its source, within **Document 1**, that **corroborates** this claim.

.....
.....
.....
..... [2]

(b) Identify a claim and its source, within **Document 1**, that is **inconsistent** with this claim.

.....
.....
.....
..... [2]

8 (a) Refer to **Document 1**. Assess the credibility of one claim made by the **Hampshire resident** in paragraph 5 and one made by the **Buckingham County Councillor** in paragraph 6.

Apply **two** credibility criteria to explain how these may strengthen or weaken the credibility of the selected claim.

Hampshire resident’s claim

..... [1]

Assessment

-
.....
.....
..... [3]

-
.....
.....
..... [3]

Buckingham County Councillor's claim

.....
..... [1]

Assessment

-
.....
.....
..... [3]

-
.....
.....
..... [3]

(b) Explain what other information you would need to know in order to reach one of your points of assessment in **8(a)** about the credibility of **the Hampshire resident's** claim. You should make **one** precise point.

.....
.....
..... [3]

9 Come to a judgement as to whether turning off street lights in suburban areas between midnight and 5am would make these areas less safe at these times than if they were lit. You should make a reasoned case with a judgement based on:

- the relative credibility of both sides
- the relative plausibility (likelihood) of both outcomes i.e. areas are less safe than when lit, or they are as safe as when lit.

Your answer should include sustained comparisons within each of these tasks and must refer to the material within the documents.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [13]

Section B Total [40]

Paper Total [75]

10
BLANK PAGE

PLEASE DO NOT WRITE ON THIS PAGE

11
BLANK PAGE

PLEASE DO NOT WRITE ON THIS PAGE

PLEASE DO NOT WRITE ON THIS PAGE



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) 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.