

**Thursday 17 January 2013 – Morning**

**AS GCE CRITICAL THINKING**

**F501/01** Introduction to Critical Thinking

Candidates answer on the Question Paper.

**OCR supplied materials:**

- Resource Booklet

**Other materials required:**

None

**Duration:** 1 hour 30 minutes



Candidate forename		Candidate surname	
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Centre number							Candidate number				
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**INSTRUCTIONS TO CANDIDATES**

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. HB pencil may be used for graphs and diagrams only.
- Answer **all** the questions.
- Read each document in the Resource Booklet before starting to answer the questions.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. If additional space is required, you should use the lined pages at the end of this booklet. The question number(s) must be clearly shown.
- 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 **75**.
- You are advised to spend about 10 minutes reading the Resource Booklet, about 35 minutes on Section A and about 40 minutes on Section B.
- Quality of Written Communication will be assessed in this paper.
- This document consists of **12** pages. Any blank pages are indicated.

This paper has been pre modified for carrier language

SECTION A – The language of reasoning

Answer **all** questions.

Read **all** the documents in the Resource Booklet before you answer the questions.

**Question 1 refers to Document 1 ‘Double Daylight Saving (DDS): the proposal for a three year trial’.**

**In your answers to all parts of Question 1, you should use the exact words of the author. You must give only the argument element asked for and include no other material.**

1 (a) State the **conclusion** of the author’s argument in Document 1.

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

(b) State **two reasons** that the author gives in paragraph 4 of Document 1 to support their conclusion.

- .....
- .....

[6]

(c) State the **hypothetical reasoning** used in Document 1.

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

(d) State **three** different argument indicator words used in Document 1.

- .....
- .....
- .....

[3]

2 Consider the claim in paragraph 4 of **Document 1** that “the resulting darker mornings may be hugely unpopular.”

(a) Name the argument element used.

..... [2]

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

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

3 (a) In **Document 2**, a livestock farmer criticises DDS. Explain one way in which this criticism might not be representative of what other farmers might think about DDS.

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

(b) **Document 2** includes the University of California statistics from one US state.

(i) Explain **one** way in which these US statistics might not be representative of the effects of daylight saving in Britain.

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..... [2]

(ii) Suggest an alternative explanation for the rise in the electricity bills, **other than** the effects of daylight saving.

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..... [2]

4 In **Document 2**, UK reports claim that putting the clocks forward would “reduce CO<sub>2</sub> emissions through not needing lighting and heating until later in the day.”

State an **assumption** that is needed to support this reasoning.

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

5 Suggest **one** reason of your own to support the following possible claim:

‘Developing our links with Europe is important.’

You must give **only** one reason and not add other argument elements.

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

6 Consider the argument presented in paragraph 2 of **Document 3**.

Explain **one** weakness in the support that the **reasoning** gives to the conclusion.

You should make **one** developed point that refers directly to the text, assessing the link between the reasoning and the conclusion.

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..... [4]

**SECTION B – Credibility**

Answer **all** questions.

**7** Assess the credibility of **Document 3** from the **GLA Economics Unit**.

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.

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[6]

**8** A further UK report claimed that moving to DDS would lead to increased economic activity.

Identify **two** claims from **two** different sources within the documents that would be **consistent** with this claim. You should state the source for each claim.

- .....  
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- .....  
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Turn over **[4]**

9 (a) Assess the credibility of one claim made by the **spokeswoman for the RoSPA** in Document 2.

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

Claim: .....  
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Assessments:

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[7]

(b) Assess the credibility of one reported claim made by the **economics professor from the University of California** in Document 2.

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

Claim: .....

.....

Assessments:

- .....
- .....

[7]

**10** Write a reasoned case which comes to a judgement as to whether DDS will have positive or negative effects.

You should assess:

- the relative credibility of the sides giving their views for and against DDS;
- the relative plausibility (likelihood) that DDS will have positive or negative effects.

Your answer should include sustained comparisons within each of these tasks and must refer to the material within the documents. **[16]**

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**END OF QUESTION PAPER**

**ADDITIONAL ANSWER SPACE**

If additional answer space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margins.

This section of the page is a large, empty area for writing answers. It consists of a vertical solid line on the left side, which serves as a margin. To the right of this line, there are 25 horizontal dotted lines spaced evenly down the page, providing a guide for writing. The entire area is otherwise blank.



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