

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS  
AS GCE**

**F501/01**

**CRITICAL THINKING**

**Introduction to Critical Thinking**

**THURSDAY 17 JANUARY 2013: Morning**

**DURATION: 1 hour 30 minutes  
plus your additional time allowance**

**MODIFIED ENLARGED 18pt**

<b>Candidate forename</b>		<b>Candidate surname</b>	
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<b>Centre number</b>						<b>Candidate number</b>				
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**Candidates answer on the Question Paper.**

**OCR SUPPLIED MATERIALS:**

**Resource Booklet**

**OTHER MATERIALS REQUIRED:**

**None**

**READ INSTRUCTIONS OVERLEAF**

## **INSTRUCTIONS TO CANDIDATES**

- **Write your name, centre number and candidate number in the boxes on the first page. 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.**

## **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.**

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## **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.**

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**[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.**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ [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.**

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**[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.**

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**[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.**

- \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
- \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**[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:** \_\_\_\_\_

\_\_\_\_\_

## 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:

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[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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[illegible]

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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.**

[illegible]








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