

**OCR**

Oxford Cambridge and RSA

**Monday 8 June 2015 – Afternoon****A2 GCE CRITICAL THINKING****F504/01** Critical Reasoning

Candidates answer on the Question Paper.

**OCR supplied materials:**

- Resource Booklet

**Other materials required:**

None

**Duration:** 1 hour 30 minutesCandidate  
forenameCandidate  
surname

Centre number

Candidate number

**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 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 **60**.
- You are advised to spend about 15 minutes reading through the Resource Booklet and Question Paper before answering the questions.
- Quality of Written Communication will be assessed in questions 3 and 4.
- This document consists of **16** pages. Any blank pages are indicated.

Read the **Resource Booklet** and then answer **all** the following questions in the spaces provided:

### Analyse

- 1 Identify the following argument elements, explaining your answers, with reference to the text of Document 1. [6]
  - (a) 'They did this by infinitely multiplying the power of our muscles' (paragraph 6).
  - (b) 'Okay, but technology is still a tool for the rich world, and digital tools are not improving the lives of the very poor' (paragraph 7).
  - (c) 'We are freed up to do other things' (paragraph 9).
- 2 To what extent is Document 2 an argument? Justify your answer by identifying key elements of the reasoning and considering their roles within Document 2 as a whole. [14]

### Evaluate

- 3 'Digital technologies are going to take us into a near-perfect world.' (Document 1, Paragraph 5)  
 How effectively is this claim supported by the reasoning in Document 1? You should think about the whole of Document 1, including the graph. Justify your answer by identifying key strengths and weaknesses and explaining their impact on the overall quality of the reasoning. [20]

### Develop your own reasoning

- 4 'Technology is dramatically improving our lives.'  
 Construct arguments both for and against this claim. Come to a reasoned judgement about the extent to which it is true.  
 You should use your own ideas and you may use ideas/evidence from the resource booklet to help you. [20]

<b>Question 1</b>	<b>See page 3</b>
<b>Question 2</b>	<b>See page 4</b>
<b>Question 3</b>	<b>See page 6</b>
<b>Question 4</b>	<b>See page 9</b>
<b>Additional lined pages</b>	<b>See page 12 to 15</b>

## 3

- 1 Identify the following argument elements, explaining your answers, with reference to the text of Document 1.

(a) 'They did this by infinitely multiplying the power of our muscles' (paragraph 6).

.....

.....

.....

..... [2]

(b) 'Okay, but technology is still a tool for the rich world, and digital tools are not improving the lives of the very poor' (paragraph 7).

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.....

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..... [2]

(c) 'We are freed up to do other things' (paragraph 9).

.....

.....

.....

..... [2]

**Question 2 begins on page 4**

**2** To what extent is Document 2 an argument? Justify your answer by identifying key elements of the reasoning and considering their role within Document 2 as a whole. **[14]**

[illegible]

[illegible]

**3** 'Digital technologies are going to take us into a near-perfect world.' (Document 1, Paragraph 5)

How effectively is this claim supported by the reasoning in Document 1? You should think about the whole of Document 1, including the graph. Justify your answer by identifying key strengths and weaknesses and explaining their impact on the overall quality of the reasoning. [20]

[illegible]

[illegible]

This image shows a full page of a worksheet designed for handwriting practice. It features approximately 20 horizontal dashed lines spaced evenly across the page, providing a guide for letter height and placement. The background is plain white, and there are no other markings or text present.



**4** 'Technology is dramatically improving our lives.'

Construct arguments both for and against this claim. Come to a reasoned judgement about the extent to which it is true.

You should use your own ideas and you may use ideas/evidence from the resource booklet to help you. **[20]**

[illegible]

[illegible]

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**END OF QUESTION PAPER**



[illegible]

[illegible]

This image shows a full page of primary-ruled paper. It features a vertical solid line on the left side, creating a narrow margin. The rest of the page is filled with horizontal dashed lines, providing a guide for handwriting practice. There are no markings or text on the page.

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