

OXFORD CAMBRIDGE AND RSA EXAMINATIONS
A2 GCE
F504/01

CRITICAL THINKING

Critical Reasoning

MONDAY 8 JUNE 2015: Afternoon

DURATION: 1 hour 30 minutes
plus your additional time allowance

MODIFIED ENLARGED

| | | | |
|-------------------------------|--|------------------------------|--|
| Candidate forename | | Candidate surname | |
|-------------------------------|--|------------------------------|--|

| | | | | | | | | | | |
|--------------------------|--|--|--|--|--|-----------------------------|--|--|--|--|
| Centre number | | | | | | Candidate number | | | | |
|--------------------------|--|--|--|--|--|-----------------------------|--|--|--|--|

Candidates answer on the Question Paper.

OCR SUPPLIED MATERIALS:

Resource Booklet with Loose Sheet for Document 1

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 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 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.

Any blank pages are indicated.

BLANK PAGE

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]

| | |
|-------------------------------|---------------------------|
| Question 1 | See page 6 |
| Question 2 | See pages 7 to 9 |
| Question 3 | See pages 10 to 14 |
| Question 4 | See pages 15 to 19 |
| Additional lined pages | See pages 20 to 25 |

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).

[2]

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

[2]

[illegible]

This image shows a single page from a notebook or ledger. It features a series of evenly spaced, thin black horizontal lines running across the width of the page. The background is plain white, and there are no margins, text, or other markings present.

[illegible]

3

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, leaving small margins at the top and bottom. There are no vertical margin lines, text, or other markings on the page.

[illegible]

[illegible]

[illegible]

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

[illegible]

[illegible]

[illegible]

[illegible]

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.

| | |
|--|--|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

BLANK PAGE

BLANK 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 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.

