

Monday 8 June 2015 – Afternoon

A2 GCE CRITICAL THINKING

F504/01 Critical Reasoning

Candidates answer on the Question Paper.

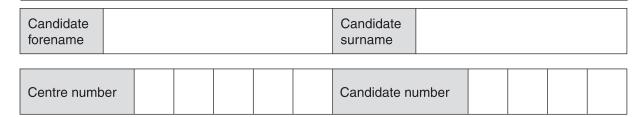
OCR supplied materials:

Resource Booklet

Other materials required:

Duration: 1 hour 30 minutes





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).
- 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 3
Question 2	See page 4
Question 3	See page 6
Question 4	See page 9
Additional lined pages	See page 12 to 15

	tify the following argument elements, explaining your answers, with reference to the text of ument 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]
	[2]

Question 2 begins on page 4

reasoning and considering	ent 2 an argument? Justify your answer by identing their role within Document 2 as a whole.	, , ,

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]

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]		

END OF QUESTION PAPER

ADDITIONAL ANSWER SPACE

number(s) must be clearly shown in the margins.				

•••••	
•••••	

•••••	
•••••	

•••••	
•••••	

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 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.

© OCR 2015