

**OCR**

Oxford Cambridge and RSA

**Friday 18 May 2018 – Afternoon****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 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 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 page(s) at the end of this booklet. The question number(s) must be clearly shown.
- Do **not** write in the barcodes.

**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.

## 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 ‘Will the public eat In Vitro Meat?’**

**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 argument given to support IVM in paragraph 1 of Document 1.

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 ..... [2]

- (b)** State the **reason** of an argument critical of IVM in paragraphs 4–6 of Document 1.

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

- (c)** State the **evidence** used against IVM within paragraphs 1–3 of Document 1.

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

- (d)** State four different **argument indicator words** used in paragraphs 5–6 of Document 1 and the argument elements each one indicates.

E.g. therefore – conclusion.

- .....
- .....
- .....
- ..... [4]

- (e)** State one **example** used in **Document 1**, paragraph 4 and briefly state what it is intended to exemplify (illustrate).

• .....

This is used as an example of .....

..... [2]

3

2 Consider this extract from paragraph 1 of **Document 2**:

“It might be claimed that IVM would save the lives of the billions of animals killed for food every year. However, this is already preventable because we have the choice of being vegetarian.”

(a) How is this claim being used by the author of Document 2? You should name the argument element.

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[1]

(b) Explain your answer with reference to this paragraph 1.

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[3]

**3 Question 3 refers to Document 1 'Will the public eat In Vitro Meat?'**

- (a) In paragraph 1 of **Document 1** the author refers to the trend in meat consumption by the British public.

Explain one way this trend in meat consumption might not be representative of other countries.

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[2]

- (b) In paragraph 2 of **Document 1** the author refers to the strong opposition to genetically modified (GM) foods in Europe.

Explain one way this opposition to GM foods might not be representative of opinion in other continents.

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[2]

- (c) In paragraph 5 of **Document 1** an IVM researcher claims:

'A fully operational factory could produce In Vitro Meat for only £3 per kilo.'

Explain a possible weakness in this claim.

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[2]

5

- 4 (a) In **Document 2**, PETA claims about IVM:

‘We welcome this development (of IVM). PETA has no objection to the eating of meat. PETA simply objects to the killing of animals and their exploitation.’

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

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 ..... [3]

- (b) Consider the claim in paragraph 1 of **Document 1**:

‘As this trend (of eating more meat) shows no sign of stopping, and the global data analysis report by the FAO shows that most people are not keen on a big reduction of meat in their diet, an alternative sustainable way of producing meat is required.’

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:

**IVM will have a negative impact on farming.**

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

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 ..... [3]

- 6 Consider the argument presented in **Document 3** in the forum post by the **Australian contributor**.

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

You should make **one** developed point that refers directly to the Australian contributor’s argument, assessing the link between the reasoning and the conclusion.

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6

**SECTION B – Credibility**Answer **all** questions.**7** Assess the credibility of **Document 3** from **ted.com/conversations**.You should make **two** points.

Each point should identify and use a relevant credibility criterion to assess the credibility of the document. You should support this with reference to the text in **Document 3** and explain how this reference supports your answer.

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**[6]**

7

- 8 Identify **one** source and its claim that is consistent with the view that getting people to eat less meat would be a difficult way to solve the world's meat crisis.

You should state the claim **and** the source.

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[2]

- 9 (a) Assess the credibility of the following claim made by **Dr Post** in **Document 1**.

**‘Some people think it (IVM) is the same as GM food, but it’s not. We use exactly the same process that happens in nature.’**

Apply **three different credibility criteria** to explain how these may **strengthen** or **weaken** the credibility of this claim.

In your answer you should:

- assess the credibility of **this particular claim**
- suggest what else you need to know to make **each** of your assessments.

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[13]

(b) **Weigh up** the relative importance of the credibility criteria used in **9(a)** and explain which **one** you consider to be **more important** in this case.

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[3]

10

**10** Write a reasoned case which comes to a judgement as to whether or not people are likely to eat 'In Vitro Meat' (IVM). You should assess:

- the relative credibility of the sides giving their views for and against IVM;
- the relative plausibility (likelihood) as to whether or not people would eat IVM.

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

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