



UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
General Certificate of Education  
Advanced Subsidiary Level and Advanced Level

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**THINKING SKILLS**

**9694/22**

Paper 2 Critical Reasoning

**October/November 2009**

**1 hour 30 minutes**

Additional Materials: Answer Booklet/Paper

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**READ THESE INSTRUCTIONS FIRST**

If you have been given an Answer Booklet, follow the instructions on the front cover of the booklet.

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

Do not use staples, paper clips, highlighters, glue and correction fluid.

**DO NOT WRITE IN ANY BARCODES.**

Answer **all** the questions.

Start each question on a new answer sheet.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [ ] at the end of each question.

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This document consists of **6** printed pages and **2** blank pages.



\* 1 5 2 8 5 2 8 9 7 5 \*

- 1 Study the following evidence and answer the questions which follow.

### Source A

**The North Star** – Newspaper article  
Date: 03 October

#### Migi - Terrorist Links?

Singing sensation Migu, 22, may have links to the Southern Separatist Terrorists (SST). Well-known for her rise to stardom from the poorest part of the South and for her provocative lyrics describing the injustice of the South's poverty, could Migu now be going beyond words in her fight for justice?

Reliable sources inform us that Migu has repeatedly been seen in the company of Dal Sam, who is thought to be a senior commander of the SST, although police investigations have not yet led to him being convicted of any offence. Can such a connection be innocent? Is it wise?

### Source B

#### Press Release

From: Migu's Public Relations team  
Date: 04 October

Migu has no connection to any terrorist groups. She does not endorse any kind of violence or any kind of terrorism. She does not know Dal Sam. Migu is deeply hurt at this unpleasant gossip.

### Source C

#### Television Interview

Date: 04 October

Presenter: Migu, I know that you are very upset by some recent rumours concerning your involvement with Dal Sam and the Southern Separatist Terrorists. Would you like to take this opportunity to clear your name?

Migu: Violence is wrong. I can't believe people think this of me. I'm not like that.

Presenter: You say you don't know Dal Sam at all?

Migu: No.

Presenter: But this photograph does seem to show the two of you together, talking quite intensely.

Migu: Dal Sam? That's Peter. We were children together back home. I've known him all my life, he was like an older brother to me. He always used to protect the little kids from the bullies. We met up again recently and we've been playing a lot of chess.

Presenter: Is he such a good old friend that you would overlook - or even join - his terrorist activities?

Migu: How dare you? You are just like all the other people from the North. You can't believe that any of us from the South are any good at all. You're so guilty about the way you keep us in

poverty that you automatically assume we're plotting to bomb you. Well, I'm not. I don't believe Peter is either.

*Migi leaves the television studio without finishing the interview.*

Presenter: Well, it's over to you out there to judge this little lady.

#### Source D

**Police Statement** – Reported on television

Date: 05 October

The photograph provided to us does show Peter Long, who is alleged to be Dal Sam, Leader of the SST, talking intently with Migi. We are investigating allegations about these people's activities.

#### Source E

**The North Star** – Newspaper article

Date: 09 October

#### **Migi Terror Attack on Star?**

Truth has been repaid with terror! Following our brave campaign to reveal the truth about Migi, the North Star has become the victim of a terror attack. Can this be coincidence? An explosion in our offices has injured three innocent people.

#### Source F

**Police Statement** – Reported on television

Date: 09 October

In the early hours of this morning there was an explosion at the offices of the North Star. The cause of this explosion is still being investigated. We cannot yet exclude terrorist activity. But it is also possible that a faulty gas pipe caused the incident or that Migi's fans have taken the law into their own hands.

- (a) How reliable are the reports published in the North Star? Justify your answer. [4]
- (b) Migi claimed that she did not know that Peter Long might be known as Dal Sam. How reasonable is this claim? Justify your answer. [3]
- (c) Explain the significance of the two televised Police Statements. [3]
- (d) How likely is it that Migi is involved in Southern Separatist Terrorist activities? Write a short reasoned argument to support your conclusion. In your answer you should use the evidence provided and consider plausible alternatives. [5]

2 Study this evidence and then answer the questions that follow.

### Source A

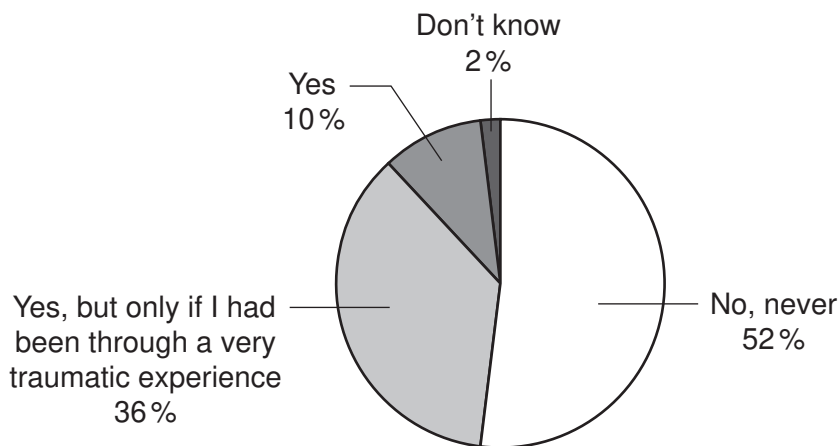
In an experiment, researchers injected a drug called propranolol when a subject was remembering a particular experience. They discovered that this drug changed the way the memory was stored. It reduced the emotional part of the memory, so that the patient could remember all the details of an event, but did not feel upset by remembering it.

Scientists in New York have found a chemical called ZIP which can erase specific memories. When rats had ZIP injected into their brains, they forgot a strong feeling of disgust for a taste which had previously made them sick.

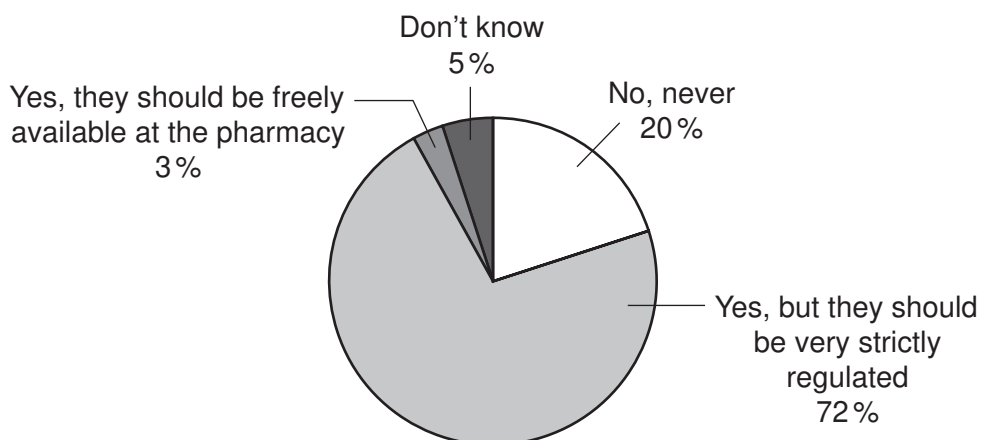
### Source B

2000 people were asked the following two questions:

Question 1: Would you take a memory-altering drug to make you forget painful memories?



Question 2: Should memory-altering drugs be legally available to the public?



**Source C**

Memory-altering drugs could have many benefits. War veterans or accident victims could live healthier lives if their painful memories were healed. Drug addicts could be helped to recover. Exposure to people and places previously associated with a drug habit can trigger overwhelming memory-based drug cravings. So a medication which blocked these cravings would be very useful to recovering addicts.

However, strict regulations would be needed to prevent healthy people from using these drugs as a quick fix for any negative experience.

**Source D****'No to Memory Drugs Blog'**

Some people even manage to injure themselves on everyday objects such as their trousers. So I don't think we can be trusted with powerful, mind-altering drugs. What do you all think?

sK☺ - don't bad memories have some useful functions - like reminding us not to do stupid, dangerous things?

star\_light - what if governments could alter our minds? We should stop the scientists now!

Amrita295 - Who will I be if parts of my memory are erased?

dan19 - you know when you double click too fast and delete that file you'd just spent hours on instead of the dud one? What if you did that to your mind?

- (a) Consider Source A. Is making rats forget a strong feeling of disgust a good example of erasing a specific memory? Explain your answer. [3]
- (b) Consider Source B. 'Some people who would never take memory-altering drugs themselves believe that these drugs should be legally available for others.'  
Can this reliably be concluded? Explain your answer. [3]
- (c) 'Some people even manage to injure themselves on everyday objects such as their trousers.'  
(Source D)  
How good a reason is this to oppose the development of memory-altering drugs? Explain your answer. [3]
- (d) Should Governments fund further research into memory-altering drugs?  
Write a short, reasoned argument to support your conclusion. In your answer you should use and evaluate the information provided in Sources A - D. [6]

3 Read the passage and answer the questions that follow.

- 1 The election of the new President of the United States, Barack Obama, has been justly welcomed by people around the world. People should revise their expectations of Obama though.
- 2 Obama may be powerful but he is only one man, and changing the whole world will take effort from all of us. Each and every person on the planet must make many small decisions and these decisions affect the world. For example, each of us decides whether to walk a short distance or drive, whether to buy a product or not, whether to borrow money or not. All of these decisions add up to affect the whole world. So one man, no matter how powerful, cannot improve the world without us.
- 3 It is also important worldwide that citizens move away from the attitude that the Government should solve all our problems. The Government simply cannot do this and should not even try to. It is the Government's role to guide us towards making wise decisions and to protect us from harm.
- 4 Another issue is that Obama is only President of one part of the world, so he has no power to affect people outside the United States. This means that those people in Europe and Africa and Asia who have welcomed this new President as their saviour are being misled by false hopes.
- 5 Obama has come to power at a time when there are many problems not of his making. He may not be able to solve problems that others have caused, such as world recession, international terrorism, global warming, fear, violence and hatred...
- 6 Furthermore, if we expect too much from Obama, we will inevitably be disappointed because he is only human, not a magician or a god. We will hate him more for letting us down than we would hate a leader we expected to be bad. As a result he will not be re-elected, and people around the world will suffer greater deprivation in a few years' time when a lesser leader takes his place.

- (a) Identify the main conclusion. [1]
- (b) Identify **three** reasons given to support the main conclusion. [3]
- (c) Evaluate the reasoning in paragraphs 1 - 6. In your answer you could consider any strengths, weaknesses, flaws and unstated assumptions. [6]
- (d) 'We need to accept responsibility for our own lives.'  
Write your own short argument to support or challenge this claim. [5]



