
THINKING SKILLS

9694/22

Paper 2 Critical Thinking

May/June 2014

1 hour 45 minutes

Additional Materials: Answer Booklet/Paper

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, glue or 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.

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

- 1 Study the evidence and answer the questions that follow.

Source A**Letter**

Allegedly from Donald Tripp to his friend Constance Lake

Thank you for your kind letter praising my latest work. However, I have a confession to make: as usual, the last book was mostly written by my wife. This is my dark secret. Out of loyalty, she doesn't reveal this to the world at large but it is she who really deserves the many literary prizes that have been awarded to my books. I don't know what I would do if this ever got out – please keep this letter carefully.

Source B**Report**

in Daily Record

This paper has important evidence that the acclaimed author, Donald Tripp, is not the true author of his books. A letter that has been found contains a confession from Tripp that it is actually his wife who writes his books! The letter was found by someone who saw it in a hedge as they were walking by. Mrs Tripp has refused to be interviewed by the paper.

Source C**Statement**

from Donald Tripp

I would like to deny in the strongest terms the claims made by the Daily Record concerning the authorship of my books. I was awarded many prizes for my writing when I was at school. In addition, my first two novels were written before I met my wife. They were successful and sold in reasonable numbers. This letter is clearly a forgery sent to the Daily Record by an enemy who wants to discredit me.

Source D**Statement**

from a literary critic

Critics have noted a significant change in style in Tripp's books after his early work, which was nothing like as successful as his later work. However, it is not unusual for an author's work to change as they develop as a writer. Tripp's savage attacks on other authors have made him a large number of enemies, so his claim that the letter is a forgery might well be true.

Source E**Statement**

from Constance Lake

I have no recollection of receiving the letter from Donald that has just been published in the Daily Record. It clearly is a forgery and I hope my denial of having received it clears up the matter once and for all.

- (a) How significant is Mrs Tripp's refusal to be interviewed by the Daily Record? [3]
- (b) How relevant is Donald Tripp's evidence, in Source C, that he won several prizes for writing when he was at school? [3]
- (c) How reliable is Constance Lake's denial, in Source E, that she ever received the letter from Donald Tripp? [3]
- (d) How likely is it that Mrs Tripp was the true author of Donald Tripp's books? Write a short, reasoned argument to support your conclusion, with critical reference to the evidence provided and considering plausible alternative scenarios. [6]

2 Study the evidence and answer the questions that follow.

Source A

Two major global trends suggest that the problem of flooding in major world cities will worsen in the next 50 years.

The first is urban development, particularly in developing countries. Rapid growth in such countries often leads to poor planning, making urban populations increasingly vulnerable to floods. Some cities are suffering subsidence due to overdevelopment, meaning they are actually sinking.

The second is global warming. As the climate warms, sea levels rise and extreme weather events, such as hurricanes, are more frequent, increasing the risk of flooding in the future.

Source B

Whilst flooding will be a major problem for all cities in the future, it will be especially so for those that are poor. Expenditure on flood defences in the rich cities will mean they can be protected from future flooding threats. The future inhabitants of, for example, New York can look forward to greater protection from flood risk than those of Kolkata. So, the inhabitants of New York need not worry about the flood risk in the future.

Source C

For cities with large areas at or below sea level, flooding can be especially disastrous because they can be permanently flooded – as illustrated in New Orleans in 2005. The cost and time involved in removing the water through pumping is likely to mean that this is not seen as a realistic option.

Source D

Some commentators have suggested that a number of major cities will become uninhabitable in the future, due to flooding. Whilst rising sea levels as a result of global warming present a challenge to mankind, it should be noted that this is not a new phenomenon. Research has suggested that sea levels rose as much as 3.5 metres in the past. If humans managed to survive this before, then they should be able to do so in the future. So we should not be overly pessimistic about the ability of the human race to overcome this problem.

Source E

Many of the world's major cities will become uninhabitable in the next 50 years due to flooding. The time scale involved in taking effective action means it is probably already too late for such action. Moreover, the failure of world leaders to agree on effective measures to combat climate change would suggest that we lack the political leadership that is needed. We have a global economy but we lack the global political system needed to control its effects. It is likely that many of the world's major cities will fail to overcome the future flooding threat.

Source F

Increase in urban population at risk of exposure to flooding by 2065		
<i>City</i>	<i>Current population at risk</i>	<i>Future population at risk</i>
Kolkhata	1 929 000	14 014 000
New York	1 540 000	2 931 000
Tokyo	1 110 000	2 521 000
Bangkok	907 000	5 138 000

- (a) How reliably can we conclude that “the inhabitants of New York need not worry about the flood risk in the future” (Source B)? [3]
- (b) Is the passage in Source E an argument? Explain your answer. [2]
- (c) Suggest **two** explanations for the differences in the percentage increase in population at risk illustrated in Source F. [4]
- (d) ‘Many of the world’s major cities will become uninhabitable in the next 50 years.’
How justified is this statement? Write a short, reasoned argument to support your conclusion, using and evaluating the information provided in Sources A–F. [6]

3 *Read the passage and answer the questions below.*

- 1 Animal rights activists are beginning to turn their attention to horse racing, arguing that it is cruel. However, this shows a total misunderstanding of the sport.
- 2 If a horse unseats its rider it carries on running with the other horses. This shows that horses actually enjoy racing. They are herd animals who like to stay with their companions. This is solid evidence that horse racing is not cruel. Further evidence that horses actually enjoy racing is provided by measurements of the amount of adrenalin in their bloodstream at the end of a race. It is well known that adrenalin levels rise in humans during exciting and pleasurable activity.
- 3 Animal rights activists should not campaign against horse racing. There are sports that are genuinely cruel to animals but horse racing is not one of them. The people who manage horse racing have a great concern for the welfare of the horses. Many rules govern issues such as a jockey's use of the whip. Vets are always in attendance, and should an animal be unfortunate enough to suffer an injury that cannot be mended, such as a broken leg, it is quickly despatched with a lethal injection. In any case, genuinely cruel sports, such as fox-hunting, are banned in many countries. These activists are continuing to fight a war that is already won.
- 4 Horse racing supports many jobs which would disappear if it was banned. In their zeal to protect animals, animal rights activists are in danger of being cruel to humans. This is clearly unacceptable.
- 5 If human beings did not use horses then they would no longer be bred and would eventually become extinct. Banning horse racing would not just deprive horses of an enjoyable activity; it would deny them the right to exist at all.

- (a) Using the exact words in the passage as far as possible, identify the main conclusion. [2]
- (b) Using the exact words in the passage as far as possible, identify **three** reasons used to support the main conclusion. [3]
- (c) Evaluate the strength of the reasoning in the argument. In your answer you should consider any flaws, unstated assumptions and other weaknesses. [5]
- (d) 'Animals should not be kept in zoos.'

Write your own short argument to support **or** challenge this claim. The conclusion of your argument must be stated. [5]

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