

Edit Mode is: **ON****Academic English I (CRN 3432)**

Tests, Surveys, and Pools Tests

Test Canvas : Final Reading exam- Requires Respondus LockDown Browser

This Test has 13 attempts. For information on editing questions, click **More Help** below.



Test Canvas: Final Reading exam- Requires Respondus LockDown Browser

The Test Canvas lets you add, edit, and reorder questions, as well as review a test. [More Help](#)

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You can edit, delete, or change the point values of test questions on this page. If necessary, test attempts will be regraded after you submit your changes.

Description

Instructions

Total Questions 7

Total Points 20

Number of Attempts 13

Active Goals

Actions	ID	Goal	Goal Set Name	Category
	AET-SLO5	Communicate effectively, using both written and oral communication skills	AET	SLOs
	ASD-SO3-PI 3.c	ASD-SO3-PI 3.c - Produce technical and non-technical reports that adhere to the relevant writing conventions	ASD	PIs
	AET-PEO4	Enable graduates' effective communication skills and cultural awareness in building teams and leadership. (PEO4)	AET	PEOs
	ASD-SO3	ASD-SO3: an ability to apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature;	ASD	SOs
	ENGL121-CLO3	Summarize and synthesize ideas from oral and written communication to relate to an audience	ASD	ENGL121

Select: [All](#) [None](#) Select by Type: - Question Type - ▼

Delete and Regrade

Points

Update and Regrade

Hide Question Details



Points: 3

1. Multiple Answer: Read the text and answer the questi...**Question****Read the text and answer the questions that follow****Space umbrellas and artificial clouds**

Geo-engineering is a new branch of science, concerned with reducing the effects of global warming. It is based on the theory that cutting the emissions of carbon dioxide into the atmosphere will not happen fast enough to delay the harmful consequences of rising temperatures. Therefore mankind should experiment with large-scale engineering projects which would help to cool the planet. One proposal, for instance, is a giant floating parasol, which would act like a blanket of cloud to shade parts of the earth from the sun.

Various similar suggestions have been studied in a recent paper published in *Atmospheric Chemistry and Physics Discussions* (Lenton and Vaughan, 2009). The aim of this study was to evaluate the likely effectiveness of the projects, without regard to their cost. They found that the solar umbrella, even if ways could be found to keep it positioned high above the earth, would have to be half the size of Brazil (four million square kilometres) merely in order to counterbalance half the expected warming over the next century. Clearly, building and maintaining such a structure would be an immensely challenging task.

Another idea is to inject sulphate particles into the atmosphere, since they would reflect some of the sun's rays back into space, in the same way that a major volcanic eruption can cause a temporary cooling in the earth's climate. But even this, they calculate, would not compensate for than half of the expected warming. Moreover, the sulphate particles would not last for more than a few years so would

need replacing regularly.

Creating clouds artificially by spraying seawater into the atmosphere is a third possibility, and the scientists believe it would have a similar effect to using particles but might be more difficult technically.

The paper also discusses the likely side-effects of these schemes, which might have severe and unpredictable environmental consequences. Another plan, for example, aimed to pour iron into the sea in order to encourage the growth of carbon-eating phytoplankton, a tiny sea creature. However, there are fears that if successful this might consume all the oxygen in those parts of the ocean and thereby kill all other sea creatures. An experiment to test this theory was recently stopped by the German government, who feared it might be illegal under internal law. It seems that there are no easy answers in this area.

Markovic, T. (2009). Space Umbrellas and Artificial Clouds, *Geo-engineering Today*, 3(2), 33-39.

Choose which ideas you find in the text: (more than one answer)

Answer

The cost of different solutions

Approaches in different countries

Solutions using existing knowledge


Responses that are unlikely to work

Methods to reduce CO2

Problems with the technology

A simple solution

Active Goals

Actions	ID	Goal	Goal Set Name	Category
 	ENGL121-CLO2	Read texts with increasing fluency	ASD	ENGL121

2. Short Answer: What is the aim of the text?
Points: **2**

Question	What is the aim of the text?
Answer	To review the results of a recent study which evaluated the feasibility of large-scale engineering projects aimed at cooling the planet.

Active Goals

Actions	ID	Goal	Goal Set Name	Category
 	ENGL121-CLO2	Read texts with increasing fluency	ASD	ENGL121

 3. Short Answer: How would you describe the writer' to...
Points: **2**

Question	How would you describe the writer' tone, e.g. positive/negative/biased/cautious/dismissive? Give examples.
Answer	He describes complex projects extremely briefly, apparently dismissing them.

Active Goals

Actions	ID	Goal	Goal Set Name	Category
 	ENGL121-CLO2	Read texts with increasing fluency	ASD	ENGL121

 4. Short Answer: How does the writer's tone affect the...
Points: **2**

Question	How does the writer's tone affect the way you respond to the text?
Answer	May make the reader tend also to dismiss and reject these projects and solutions.

 5. Short Answer: Is the writer simply stating facts, o...
Points: **2**

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Question	Is the writer simply stating facts, or does he give opinions or interpretations of the facts?
Answer	Opinion and interpretation.

Active Goals

Actions	ID	Goal	Goal Set Name	Category
 	ENGL121-CLO2	Read texts with increasing fluency	ASD	ENGL121



Points: 4

6. Short Answer: Do you agree or disagree with the wri...

Question	Do you agree or disagree with the writer' s opinions? Explain and support your answer with examples.
Answer	Answers vary. (2 points for the given answer, 2 points for language)



7. Essay: Mach each paragraph (1-5) with its fu...

Points: 5

Question	Mach each paragraph (1-5) with its function (a-c). Add notes/evidence from the text to support your decision.													
	<table border="1"> <thead> <tr> <th>Function</th> <th>Paragraph number</th> <th>Notes/evidence from the text</th> </tr> </thead> <tbody> <tr> <td>a. Outlines the issues/problems</td> <td></td> <td></td> </tr> <tr> <td>b. Outlines the responses to the issues/problems</td> <td></td> <td></td> </tr> <tr> <td>c. Evaluate these responses: negative or positive?</td> <td></td> <td></td> </tr> </tbody> </table>		Function	Paragraph number	Notes/evidence from the text	a. Outlines the issues/problems			b. Outlines the responses to the issues/problems			c. Evaluate these responses: negative or positive?		
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a. Outlines the issues/problems														
b. Outlines the responses to the issues/problems														
c. Evaluate these responses: negative or positive?														
Answer														

Function	Paragraph	Notes from the text
Outlines issues/problems	1 5	-Cutting of CO2 emissions is not happening fast enough - side effects for the environment
Outlines the responses to the issues/problems	2 3 4 5	-solar umbrella - injecting sulphate particles into the stratosphere - spraying seawater to create artificial clouds - encourage a carbon-eating sea creature
Evaluate these responses: Negative or positive?	2 3 4 5	-given as a negative evaluation - given as negative evaluation - given as negative evaluation - given as negative evaluation

Select: All None Select by Type:

Delete and Regrade

Points

Update and Regrade

Hide Question Details

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