

KS3 Geography
Climate Change



NAME

Suggested Time: 1 hour

Please complete all questions in this paper to the best of your ability.

You should spend no more than 1 hour completing this paper.

Use the marks shown after each question ([x]) to give you an idea of how much to write for each answer. 1-mark answers do not need any explanation or much detail whereas higher-marked questions require a higher amount of detail.

When asked to **explain**, aim to make a point or suggest an idea and then explain what that means or *why* it is a good point, in detail.

When you have completed the assessment you can use the mark scheme (sent with this paper) to find your KS3 level. Alternatively, you can answer the paper and then either scan or photo the pages and send them to me for marking at humanateestutor@gmail.com.

The deadline for submission of this assessment is **Friday 17th of May** and I'll be marking the papers and returning them on the 18th of May.

1. A natural contributor to climate change.



(a) What climate change contributor is pictured here?

..... [1]

(b) How does it change the climate?

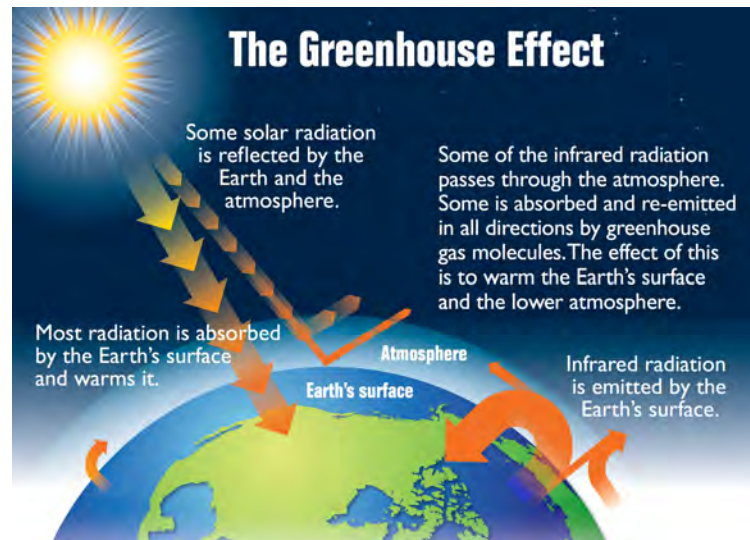
..... [1]

(c) Name two other **natural** causes of climate change.

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..... [2]

[Total: 4]

2. The Greenhouse Effect.



(a) Name one greenhouse gas.

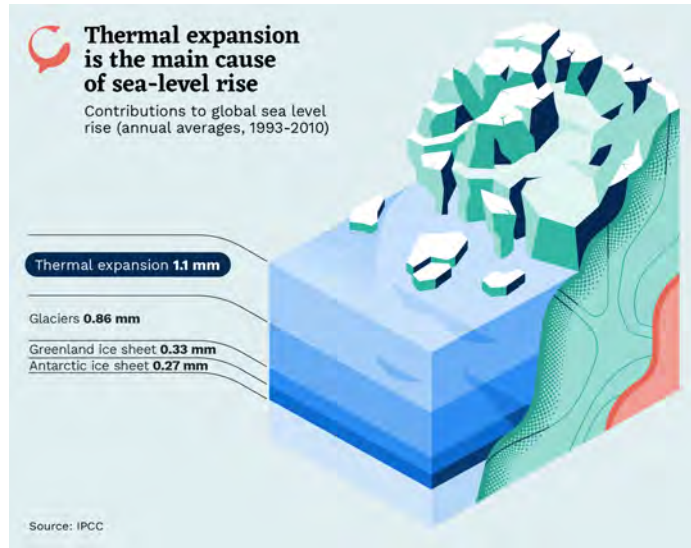
..... [1]

(b) Explain how the enhanced greenhouse effect differs from the greenhouse effect.

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..... [4]

[Total: 5]

3. Sea Level Rise



(a) What is the combined sea level rise caused by melting ice, according to the diagram?

..... [1]

(b) Describe an experiment that could be carried out to show the difference between land ice and sea ice melting and which contributes most to sea level rise.

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..... [4]

[Total: 5]

