## ***EVALUACION ESCRITA***

***COMPRENSION***

**The Greenhouse Effect**

Humans are increasingly influencing the climate and the earth's temperature by burning fossil fuels, cutting down forests and farming livestock.

This adds enormous amounts of greenhouse gases to those naturally occurring in the atmosphere, **increasing** the greenhouse effect and global warming.

***Greenhouse Gases***

Many of these greenhouse gases occur naturally, but human activity is increasing the concentrations of some of them in the atmosphere, in particular:

* carbon dioxide (CO2)
* methane
* nitrous oxide
* fluorinated gases

CO2 produced by human activities is the largest contributor to global warming. By 2020, **its** concentration in the atmosphere had risen to 48% above its pre-industrial level (before 1750).

Other greenhouse gases are emitted by human activity in **smaller** quantities. Methane is a more powerful greenhouse gas than CO2, but has a shorter atmospheric lifetime. Nitrous oxide, like CO2, is a long-lived greenhouse gas that accumulates in the atmosphere over decades to centuries.

Natural causes, such as changes in solar radiation or volcanic activity are estimated to have contributed less than plus or minus 0.1°C to total warming between 1890 and 2010.

***Causes for rising emissions***

* Burning coal, oil and gas produces carbon dioxide and nitrous oxide.
* Cutting down forests . Trees help to regulate the climate by absorbing CO2 from the atmosphere. When they are cut down, that beneficial effect is lost and the carbon stored in the trees is released into the atmosphere, adding to the greenhouse effect.
* Increasing livestock farming. Cows and sheep produce large amounts of methane when they digest **their** food.
* Fertilisers containing nitrogen produce nitrous oxide emissions.
* Fluorinated gases are emitted from equipment and products that use these gases. Such emissions have a very strong warming effect, up to 23 000 times greater than CO2.
* **Lea el texto con atención**

***EJERCICIO 1. Según el uso de las siguientes expresiones en el texto, ¿cuál es la opción correcta?***

**increasing** (L. 4) se traduce por a. aumentando **b**. aumento c. aumentado

**its** (L. 12 ) se refiere a a. activities **b. CO2**  c. concentration

**smaller** (L. 14 ) se traduce por a. más pequeñas b. muy pequeñas c. las más pequeñas

**their** (L. 27 ) se refiere a a. food b. activities c. cows and sheep

***EJERCICIO 2. Responda las siguientes preguntas en español, con información del texto.***

1. ¿Como explicarías la relación entre la actividad humana y la emisión de gases invernaderos? Ejemplifica.
2. ¿Cómo influye la deforestación en el aumento de las emisiones de gases? Explica.
3. Menciona al menos 3 otras causas del aumento de la liberación de gases.

***TRADUCCIÓN***

**Temperature Rise**

2011-2020 was the warmest decade recorded, with global average temperature reaching 1.1°C.

An increase of 2°C compared to the temperature in pre-industrial times is associated with serious negative impacts on to the natural environment and human health and wellbeing. Furthermore a much higher risk and possibly catastrophic changes in the global environment will occur.

For this reason, the international community has recognized the need to keep warming well below 2°C and pursue efforts to limit it to 1.5°C.