ONTARIO SCIENCE, GRADE 10, ACADEMIC (SNC2D) · UNIT C · 5 QUESTIONS

Earth and Space Science: Climate Change — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Communications satellite with solar panels in orbit above Earth. Without any greenhouse effect, Earth would be**



A much colder than it is now

B much warmer than it is now

C exactly the same temperature

D without any atmosphere

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2 **Which natural factor can change climate by altering how much sunlight reaches Earth?**

A Insulation

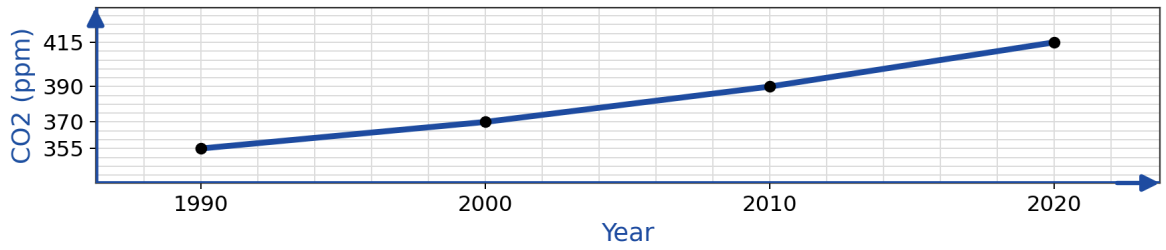
B Changes in solar output

C Recycling

D Public transit

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3 **The graph shows measured atmospheric carbon dioxide over time. The carbon dioxide level in 2010 , in parts per million, is**



ANSWER

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4 **Ocean currents influence climate because they**

A remove carbon dioxide from rocks

B create the seasons

C move warm and cold water around the planet

D stop all wind

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5 **Which effect of warming oceans harms coral reefs and shellfish?**

A Increased rainfall over deserts

B Thicker sea ice

C Colder deep ocean water

D Ocean acidification weakening shells and skeletons

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ANSWER KEY

1. A
2. B
3. 390
4. C
5. D

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