YUKON PHYSICAL GEOGRAPHY 12 (MPGEO12) · UNIT A · 5 QUESTIONS

Atmosphere, Weather and Climate — 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 **Most of the mass of the atmosphere and almost all weather are found in the**

- A exosphere
- B troposphere
- C thermosphere
- D mesosphere

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2 **In the stratosphere, temperature generally increases with altitude because ozone there**

A reflects all heat to space

B blocks wind completely

C absorbs ultraviolet radiation and warms the air

D creates clouds only

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3 **The natural greenhouse effect is important for life on Earth because it**

A cools Earth below freezing

B stops rainfall entirely

C removes oxygen from the air, taking all the oxygen out of the air so nothing could breathe and no living thing could survive

D keeps Earth much warmer than it would be without greenhouse gases

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4 **An enhanced greenhouse effect differs from the natural greenhouse effect because it is**

A strengthened by added human produced greenhouse gases

B caused only by the Sun, with the Sun alone driving the whole change and human activity playing no part in it at all

C a cooling process only

D limited to one city

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5 **White-capped waves churning across the open Pacific Ocean. During an El Nino event, surface waters in the eastern equatorial Pacific become**



A colder than usual everywhere, with the whole eastern Pacific turning colder than usual from the coast out to the open ocean

B warmer than usual, which shifts rainfall and weather patterns

C completely frozen

D unaffected by the ocean

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ANSWER KEY

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

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