NOVA SCOTIA SCIENCE 10 · UNIT D · 10 QUESTIONS

Weather Dynamics — 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 **The term for the trapping of heat by gases in the atmosphere is**



- **A** A cumulonimbus cloud
- **B** The greenhouse effect
- **C** Climate
- **D** Ozone

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2 **The greenhouse effect means**

A a tall storm cloud that can bring thunder and heavy rain

B the long term pattern of weather in a place

C the trapping of heat by gases in the atmosphere

D a gas in the stratosphere that absorbs harmful ultraviolet light

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3 **The term for a line on a weather map joining places of equal air pressure is**

A Fog

B Weather

C The troposphere

D An isobar

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4

An isobar means

A a line on a weather map joining places of equal air pressure

B a cloud that forms at ground level

C the short term state of the atmosphere in a place

D the lowest layer of the atmosphere where weather happens

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5 **The term for a tall storm cloud that can bring thunder and heavy rain is**



A Climate

B A cumulonimbus cloud

C Ozone

D The stratosphere

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6

A cumulonimbus cloud means

A the long term pattern of weather in a place

B a gas in the stratosphere that absorbs harmful ultraviolet light

C a tall storm cloud that can bring thunder and heavy rain

D the layer above the troposphere that holds the ozone layer

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7

The term for a cloud that forms at ground level is

A Weather

B The troposphere

C Air pressure

D Fog

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8 **Fog means**

A a cloud that forms at ground level

B the short term state of the atmosphere in a place

C the lowest layer of the atmosphere where weather happens

D the force of air pushing on a surface

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9 **The term for the long term pattern of weather in a place is**

A Ozone

B Climate

C The stratosphere

D A high pressure system

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10 **Climate means**

A a gas in the stratosphere that absorbs harmful ultraviolet light

B the layer above the troposphere that holds the ozone layer

C the long term pattern of weather in a place

D sinking air that often brings clear skies

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ANSWER KEY

1. B
2. C
3. D
4. A
5. B
6. C
7. D
8. A
9. B
10. C

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