SASKATCHEWAN EARTH SCIENCE 30 · UNIT E · 25 QUESTIONS

Atmosphere and Hydrosphere — 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 layer of gases around Earth is called**

- A atmosphere
- B stratosphere
- C hydrosphere
- D ocean current

Understand It with Pulse | Flag a mistake

2 **Weather happens mainly in the**

- **A** stratosphere
- **B** troposphere
- **C** mesosphere
- **D** thermosphere

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3 **Out of 150 students surveyed, 30 chose the same answer. The percent who chose it is ____**

ANSWER _____

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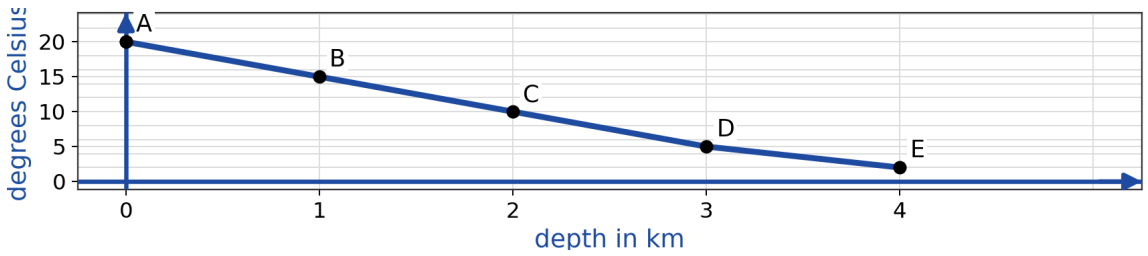
4 **The graph shows ocean temperature over depth. The temperature at 4 km depth, in degrees Celsius, is ____**



ANSWER _____

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5 **The lowest layer of the atmosphere where weather happens is called**

A hydrosphere

B ocean current

C troposphere

D water cycle

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6 **Most ozone is found in the**

A troposphere

B hydrosphere

C biosphere

D stratosphere

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7 **Out of 225 students surveyed, 45 chose the same answer. The percent who chose it is ____**

ANSWER _____

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8 **The atmosphere layer containing most ozone is called**

A stratosphere

B ocean current

C water cycle

D evaporation

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9 **Ocean currents are driven mainly by**

A tides only

B wind and density differences

C earthquakes only

D rain only

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10 **Out of 300 students surveyed, 60 chose the same answer. The percent who chose it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **All water on Earth is called**

A water cycle

B evaporation

C hydrosphere

D condensation

Understand It with Pulse | Flag a mistake

12 **Condensation in the atmosphere forms**

A rain only

B snow only

C oceans only

D clouds

Understand It with Pulse | Flag a mistake

13 **The ozone layer is important because it**

A absorbs most harmful ultraviolet radiation

B creates ocean currents

C causes the water cycle

D makes the wind blow

Understand It with Pulse | Flag a mistake

14 **A large flow of ocean water is called**

A ocean current

B evaporation

C condensation

D precipitation

Understand It with Pulse | Flag a mistake

15 **Evaporation increases when temperature**

A decreases

B increases

C stays the same

D reaches zero

Understand It with Pulse | Flag a mistake

16 **A sea breeze blows from the sea to the land during the day because land**

A heats faster than water, so air rises over land

B cools faster than water

C is always colder than water

D stops the wind

Understand It with Pulse | Flag a mistake

17 **The movement of water between Earth and the atmosphere is called**

A condensation

B precipitation

C water cycle

D climate

Understand It with Pulse | Flag a mistake

18 **Which gas is the main greenhouse gas added by burning fossil fuels**

A carbon dioxide

B oxygen

C nitrogen

D argon

Understand It with Pulse | Flag a mistake

19 **Change of liquid water to water vapour is called**

A precipitation

B climate

C atmosphere

D evaporation

Understand It with Pulse | Flag a mistake

20 **A weather station records air pressure falling steadily. The weather most likely to follow is**

A clear and calm weather

B cloudy and stormy weather

C no change at all

D a sudden freeze only

Understand It with Pulse | Flag a mistake

21 **Change of water vapour to liquid is called**

A condensation

B climate

C atmosphere

D troposphere

Understand It with Pulse | Flag a mistake

22 **Ocean temperatures are: 20 degrees at the surface, 12 degrees at 1 kilometre, and 4 degrees at 3 kilometres. The pattern is that temperature**

A increases with depth

B decreases with depth

C stays the same with depth

D is highest at 3 kilometres

Understand It with Pulse | Flag a mistake

23 **Water falling from the atmosphere to Earth is called**

A atmosphere

B precipitation

C troposphere

D stratosphere

Understand It with Pulse | Flag a mistake

24 **In the water cycle, which process moves water from the ocean into the air?**

A Evaporation

B Precipitation

C Condensation

D Runoff

Understand It with Pulse | Flag a mistake

25 **The long term pattern of weather in a region is called**

A troposphere

B stratosphere

C climate

D hydrosphere

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. 20
4. 2
5. C
6. D
7. 20
8. A
9. B
10. 20
11. C
12. D
13. A
14. A
15. B
16. A
17. C
18. A
19. D
20. B
21. A
22. B
23. B
24. A
25. C

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