SASKATCHEWAN ENVIRONMENTAL SCIENCE 20 · UNIT D · 25 QUESTIONS

Aquatic Systems — 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 land area that drains water into a river, lake or ocean is called**

- A watershed
- B aquifer
- C water cycle
- D runoff

Understand It with Pulse | Flag a mistake

2 **Wetlands are valuable mainly because they**

- A increase flooding
- B filter water and provide habitat
- C remove all fish
- D dry out lakes

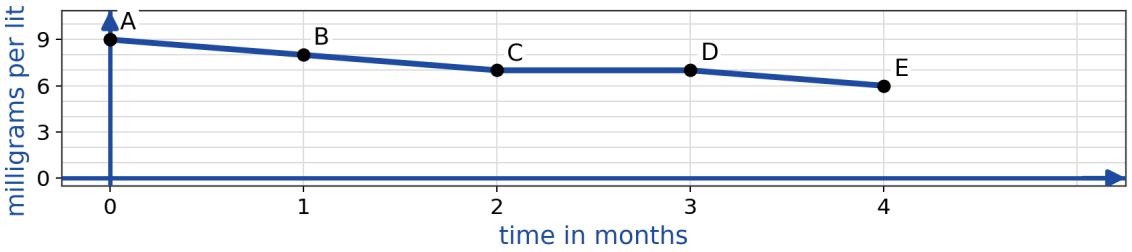
Understand It with Pulse | Flag a mistake

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 dissolved oxygen in a lake over time. The level in month 4, in milligrams per litre, is _____**



ANSWER _____

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5 **Land that is covered or saturated with water for much of the year is called**

A water cycle

B runoff

C wetland

D infiltration

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6 **Water with very low dissolved oxygen is most likely to**

A support many fish

B become clearer

C warm more slowly

D support few fish

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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 **An underground layer that holds and moves groundwater is called**

A aquifer

B runoff

C infiltration

D dissolved oxygen

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9 **High turbidity in a stream usually means the water contains**

A no particles

B many suspended particles

C pure oxygen

D salt only

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

ANSWER _____

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

- A infiltration
- B dissolved oxygen
- C water cycle
- D turbidity

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12 **In the water cycle, water returns to the atmosphere mainly by**

- A infiltration
- B runoff
- C condensation on land
- D evaporation and transpiration

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13 **A farmer spreads fertilizer near a stream. After rain, algae grow rapidly in the stream. The fertilizer most likely caused this by**

A adding nutrients to the water

B removing oxygen from the air

C cooling the stream

D blocking sunlight completely

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14 **Water that flows over land into streams and lakes is called**

A runoff

B dissolved oxygen

C turbidity

D pH

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15 **An aquifer is best described as**

A a surface river

B an underground water bearing layer

C a glacier

D a water treatment plant

Understand It with Pulse | Flag a mistake

16 **Which test result would show the healthiest water for fish**

A high dissolved oxygen and low turbidity

B low dissolved oxygen and high turbidity

C very high pH only

D no dissolved oxygen at all

Understand It with Pulse | Flag a mistake

17 **Water soaking into soil and rock is called**

A turbidity

B pH

C infiltration

D groundwater

Understand It with Pulse | Flag a mistake

18 **A town builds a treatment plant that removes waste from sewage before it reaches a river. The plant mainly protects**

A aquatic organisms downstream

B the Moon

C dry land only

D the atmosphere from rain

Understand It with Pulse | Flag a mistake

19 **Fish need oxygen from the water to breathe. The oxygen in the water is measured as**

A pH

B groundwater

C watershed

D dissolved oxygen

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20 **Dissolved oxygen in three lakes is: Lake A 9 milligrams per litre, Lake B 5, and Lake C 2. The lake most likely to support the most fish is**

A Lake A

B Lake B

C Lake C

D all three equally

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21 **Cloudiness of water caused by suspended particles is called**

A turbidity

B groundwater

C watershed

D wetland

Understand It with Pulse | Flag a mistake

22 **A wetland is drained to build houses. A likely result for the nearby river is**

A more flooding after rain

B less flooding after rain

C cleaner water always

D no fish ever again

Understand It with Pulse | Flag a mistake

23 **A measure of how acidic or basic a solution is is called**

- A watershed
- B pH
- C wetland
- D aquifer

Understand It with Pulse | Flag a mistake

24 **Groundwater is most likely to be polluted when**

- A waste is dumped on the ground above an aquifer
- B it rains on a forest
- C a lake freezes
- D fish swim in a river

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25 **Water stored underground in soil and rock is called**

A wetland

B aquifer

C groundwater

D water cycle

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ANSWER KEY

1. A
2. B
3. 20
4. 6
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. A
21. A
22. A
23. B
24. A
25. C

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