YUKON PHYSICAL GEOGRAPHY 12 (MPGEO12) · UNIT B · 10 QUESTIONS

The Hydrosphere and Biosphere — 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 **Decomposers are important in an ecosystem because they break down dead material and return**

- A sunlight to the Sun
- B nutrients to the soil and water
- C salt to the ocean only
- D heat to the atmosphere only

Understand It with Pulse | Flag a mistake

2 **A keystone species is a species that has a large effect on its ecosystem relative to its**

A body size only

B colour only

C abundance

D age only

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3 **An invasive species can harm a native ecosystem by outcompeting native species for food, space or other resources and by**

A increasing native diversity always

B cleaning polluted water always

C creating new soil always

D spreading without its usual predators or diseases

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4 **Transpiration is the process by which plants release water vapour from their leaves into the**

A atmosphere

B deep mantle

C ocean floor

D inner core

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5 **Riparian vegetation along a riverbank helps the river system by stabilising banks, shading water and**

A blocking all water flow

B filtering runoff before it reaches the stream

C warming water to boiling

D removing all fish

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6 **Oceans help regulate global climate by absorbing and storing large amounts of heat and carbon dioxide, although absorbing extra carbon dioxide can also make seawater more**

A salty in a helpful way

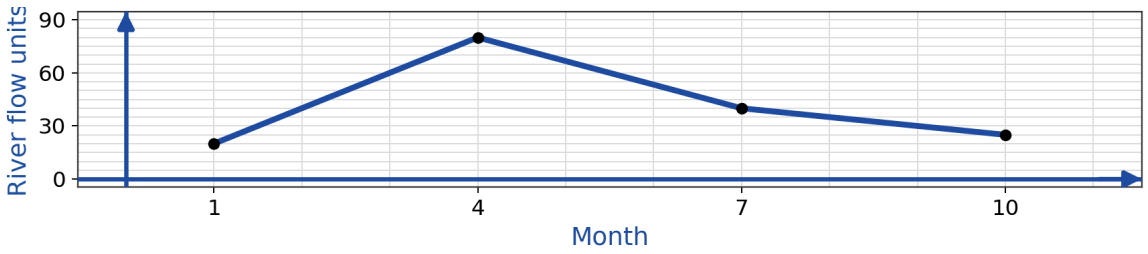
B frozen

C acidic

D clear of life

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7 **The graph shows river flow through one year. The month with the highest river flow shown is month**



- **A** 1
- **B** 7
- **C** 10
- **D** 4

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8 **The schematic map of Canada highlights the Prairies. The dominant natural biome of much of the Prairies region is**

- **A** grassland
- **B** tundra
- **C** temperate rainforest
- **D** coral reef

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9 **Rainfall in three months was 40 millimetres, 60 millimetres and 80 millimetres. The mean monthly rainfall, in millimetres, is**

ANSWER _____

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10 **Water that falls on land and then moves through soil to reach a stream is an example of water moving between the hydrosphere and the**

A inner core only, with water moving only through the hot solid metal centre of the Earth and nowhere else at all

B biosphere and geosphere through the landscape

C thermosphere only

D exosphere only

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ANSWER KEY

1. B
2. C
3. D
4. A
5. B
6. C
7. D
8. A
9. 60
10. B

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