

Great Lakes Quiz Answer Key PDF

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Which Great Lake is the largest by surface area?

- A. Lake Michigan
- C. Lake Superior ✓**
- C. Lake Erie
- D. Lake Ontario

Which states border Lake Michigan? (Select all that apply)

- A. Illinois ✓**
- C. Ohio
- D. Wisconsin ✓**
- C. Indiana ✓**

Which Great Lakes are connected by the Straits of Mackinac? (Select all that apply)

- A. Lake Superior
- C. Lake Huron ✓**
- D. Lake Erie
- C. Lake Michigan ✓**

Which Great Lake is the shallowest?

- A. Lake Superior
- C. Lake Erie ✓**
- D. Lake Ontario
- C. Lake Huron

Which state does NOT border any of the Great Lakes?

- A. Ohio
- C. Iowa ✓**
- D. Pennsylvania
- C. Indiana

What river connects the Great Lakes to the Atlantic Ocean?

- A. Mississippi River
- C. St. Lawrence River ✓**
- D. Ohio River
- C. Hudson River

Which of the following are environmental concerns for the Great Lakes? (Select all that apply)

- A. Invasive species ✓**
- C. Pollution ✓**
- D. Climate change ✓**
- C. Deforestation

Which Great Lake is shared by the most U.S. states?

- A. Lake Erie ✓**
- C. Lake Michigan
- D. Lake Ontario
- C. Lake Huron

How do the Great Lakes influence the climate of the surrounding regions?

The Great Lakes influence the climate of the surrounding regions by moderating temperatures, resulting in milder winters and cooler summers, and by providing moisture that can lead to increased precipitation.

Which Great Lakes are located on the border between the United States and Canada? (Select all that apply)

- A. Lake Michigan
- C. Lake Huron ✓**
- D. Lake Erie ✓**

C. Lake Ontario ✓

Describe the impact of invasive species on the Great Lakes ecosystem.

The impact of invasive species on the Great Lakes ecosystem includes the displacement of native species, alteration of habitats, and introduction of diseases, which collectively threaten biodiversity and ecological balance.

Which of the following are major economic activities associated with the Great Lakes? (Select all that apply)

- A. Fishing ✓**
- C. Shipping ✓**
- D. Tourism ✓**
- C. Mining

Discuss the historical importance of the Great Lakes in the exploration and settlement of North America.

The Great Lakes were historically important in the exploration and settlement of North America as they provided a navigable waterway that connected the interior of the continent to the Atlantic Ocean, enabling trade, transportation, and the movement of people.

Which Great Lakes are part of the Great Lakes-St. Lawrence Seaway? (Select all that apply)

- A. Lake Superior ✓**
- C. Lake Erie ✓**
- D. Lake Ontario ✓**
- C. Lake Michigan

Which Great Lake has the largest volume of water?

- A. Lake Erie
- C. Lake Huron
- D. Lake Superior ✓**
- C. Lake Ontario

Explain the significance of the Great Lakes in terms of freshwater supply globally.

The Great Lakes are significant for global freshwater supply as they contain approximately 20% of the world's unfrozen freshwater, serving as a vital resource for millions of people and ecosystems.

What are some of the conservation efforts being implemented to protect the Great Lakes?

Some of the key conservation efforts being implemented to protect the Great Lakes include the Great Lakes Restoration Initiative (GLRI), which focuses on cleaning up contaminated areas, reducing nutrient runoff, restoring wetlands, and controlling invasive species.

What percentage of the world's surface fresh water is contained in the Great Lakes?

- A. 10%
- C. 21% ✓**
- D. 25%
- C. 15%

Which Great Lake is entirely within the United States?

- A. Lake Huron
- C. Lake Erie
- D. Lake Ontario
- C. Lake Michigan ✓**

Explain the role of the Great Lakes in international trade and transportation.

The Great Lakes play a crucial role in international trade and transportation by providing a navigable waterway that connects the interior of North America to the Atlantic Ocean, allowing for the efficient movement of bulk goods such as iron ore, coal, and grain.