

Continents and Oceans: Scientific Exploration

Continents & Oceans · Practice Test · 15 Questions

1. Which geological theory explains the movement of Earth's lithospheric plates, which form and shape the continents and ocean basins?

- A) Uniformitarianism
- B) Catastrophism
- C) Plate Tectonics
- D) Neptunism

2. The Mariana Trench, the deepest known part of the world's oceans, is located in which ocean?

- A) Atlantic Ocean
- B) Indian Ocean
- C) Arctic Ocean
- D) Pacific Ocean

3. What is the smallest continent by land area?

- A) Europe
- B) Australia
- C) Antarctica
- D) South America

4. The Mid-Atlantic Ridge is a prominent underwater mountain range formed by what type of plate boundary?

- A) Convergent boundary
- B) Transform boundary
- C) Divergent boundary
- D) Subduction zone

5. Which continent is the driest and has the lowest average annual precipitation?

- A) South America
- B) Africa
- C) Australia
- D) Antarctica

6. The 'Ring of Fire,' a horseshoe-shaped zone known for its high seismic activity and volcanic eruptions, encircles which ocean?

- A) Indian Ocean
- B) Atlantic Ocean
- C) Pacific Ocean
- D) Southern Ocean

7. Approximately what percentage of the Earth's surface is covered by oceans?

- A) 51%
- B) 61%
- C) 71%
- D) 81%

8. The Great Rift Valley, a series of trenches that formed as the African continent begins to split apart, is primarily located on which continent?

- A) Asia
- B) Africa
- C) North America
- D) Europe

9. Which of the following is NOT considered one of the five major oceans?

- A) Atlantic Ocean
- B) Indian Ocean
- C) Southern Ocean
- D) Mediterranean Sea

10. The landmass that is believed to have connected Asia and North America during the Pleistocene epoch, allowing for migration, is known as:

- A) Gondwana
- B) Laurasia
- C) Pangaea
- D) Beringia

11. The deepest point in the Atlantic Ocean is the Puerto Rico Trench. Which ocean is the deepest on average?

- A) Indian Ocean
- B) Pacific Ocean
- C) Arctic Ocean
- D) Atlantic Ocean

12. Which continent is traversed by the Equator, the Prime Meridian, and the Tropic of Capricorn?

- A) South America
- B) Australia
- C) Africa
- D) Asia

13. The vast majority of Earth's freshwater is locked up in ice, primarily on which continent?

- A) Greenland
- B) Antarctica
- C) Canada
- D) Siberia

14. The Indian Ocean is the warmest ocean on average. What is the primary reason for its higher average temperature compared to other oceans?

- A) Greater depth
- B) Proximity to the equator and limited mixing with colder waters
- C) Higher salinity
- D) Less influence from ocean currents

15. The Andes Mountains, the longest continental mountain range in the world, are located on which continent?

- A) North America
- B) Africa
- C) Asia
- D) South America