

Physical Science in a Global Context

Physical Science · Answer Key · 8 Questions

1. The Mariana Trench, the deepest known point in Earth's oceans, is located in which major oceanic division?

- A) North Atlantic Ocean
- B) Indian Ocean
- C) South Pacific Ocean**
- D) Arctic Ocean

2. The geological phenomenon of the 'Ring of Fire', characterized by frequent earthquakes and volcanic eruptions, primarily encircles which major ocean basin?

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

3. The Atacama Desert, one of the driest places on Earth, is situated on the western edge of South America, influenced by its proximity to the cold ocean current of:

- A) Gulf Stream
- B) Kuroshio Current
- C) Humboldt Current**
- D) Agulhas Current

4. Mount Everest, the Earth's highest mountain above sea level, is part of which major mountain range that spans across several Asian countries?

- A) Andes
- B) Alps
- C) Rocky Mountains
- D) Himalayas**

5. The Dead Sea, a salt lake whose shores are the lowest point on land, borders which two countries?

- A) Egypt and Sudan
- B) Saudi Arabia and Yemen
- C) Israel and Jordan**
- D) Turkey and Syria

6. The Coriolis effect, which influences the direction of winds and ocean currents, is most pronounced at which geographical location due to the Earth's rotation?

- A) The Equator
- B) The Tropic of Capricorn
- C) The North and South Poles**
- D) The Prime Meridian

7. The Great Barrier Reef, the world's largest coral reef system, is located off the coast of Australia in which sea?

- A) Tasman Sea
- B) Coral Sea**
- C) Arafura Sea
- D) Timor Sea

8. The Amazon River, the largest river by discharge volume of water in the world, flows primarily through which South American country?

- A) Argentina
- B) Colombia
- C) Brazil**
- D) Peru