

## Tectonic Plates Quiz PDF

Tectonic Plates Quiz PDF

Disclaimer: *The tectonic plates quiz pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at [max@studyblaze.io](mailto:max@studyblaze.io).*

**Which type of boundary is the San Andreas Fault an example of?**

- Convergent
- Divergent
- Transform
- Subduction

**Which major tectonic plate is the largest?**

- African Plate
- Pacific Plate
- Eurasian Plate
- North American Plate

**Which type of plate boundary is characterized by plates moving apart?**

- Convergent
- Divergent
- Transform
- Static

**Describe the process of sea-floor spreading and its significance in plate tectonics.**

**Which plates are involved in the formation of the Himalayas? (Select all that apply)**

- Pacific Plate
- Indian Plate
- Eurasian Plate
- African Plate

**What evidence supports the theory of continental drift proposed by Alfred Wegener?**

**Compare and contrast oceanic and continental crust in terms of composition and thickness.**

**How do tectonic plates influence the occurrence and distribution of earthquakes globally?**

**Which of the following are major tectonic plates? (Select all that apply)**

- Pacific Plate
- Nazca Plate
- Indo-Australian Plate

Cocos Plate

**What geological feature is commonly formed at convergent boundaries?**

- Ocean trenches
- Mid-ocean ridges
- Earthquakes
- Mountain ranges

**What phenomena are commonly associated with tectonic plate boundaries? (Select all that apply)**

- Earthquakes
- Hurricanes
- Volcanic eruptions
- Mountain building

**What is the Earth's lithosphere composed of?**

- Only the crust
- Only the mantle
- The crust and upper mantle
- The core and mantle

**What are tectonic plates?**

- Layers of the atmosphere
- Large pieces of the Earth's lithosphere
- Types of ocean currents
- Forms of weather patterns

**What is the primary cause of tectonic plate movement?**

- Ocean currents
- Gravitational pull
- Convection currents in the mantle
- Wind patterns

**Explain how convection currents in the mantle contribute to the movement of tectonic plates.**

**Which of the following are minor tectonic plates? (Select all that apply)**

- Nazca Plate
- South American Plate
- Cocos Plate
- Antarctic Plate

**Discuss the impact of tectonic plate movement on the Earth's surface and ecosystems.**

**Which of the following statements about divergent boundaries are true? (Select all that apply)**

- Plates move towards each other
- New crust is formed
- They are associated with mid-ocean ridges
- Plates slide past each other

**Which scientist is credited with the theory of continental drift?**

- Charles Darwin
- Alfred Wegener
- Isaac Newton
- Marie Curie

**What are characteristics of transform boundaries? (Select all that apply)**

- Plates slide past each other
- New crust is created
- Earthquakes are common
- Volcanic activity is frequent