

# Dynamic Earth Assessment Test Results

# 80%

## 24 of 30 Correct

Name: Janus Ivan Rae Estrella Date: October 6, 2013

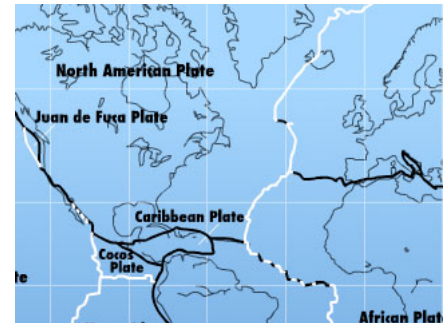
Review the questions and your answers below. The answer you selected is highlighted in **red**, the correct answer in **green** and the link to review in **blue**. Congratulations, you have completed this interactive. If you would like to print this page, click on the Print button.

### 1. What kind of plate boundary runs across Iceland?

- a. Convergent boundary
- b. Divergent boundary
- c. Nordic boundary
- d. Transform boundary**

The correct answer is **b) Divergent boundary**

[Review: Chapter 4: Plates & Boundaries](#)



### 2. Mountain formation can result when which of the following occurs?

- a. Two oceanic plates collide.
- b. Two continental plates collide.**
- c. Two oceanic plates spread apart.
- d. None of the above.

**You answered correctly!**

### 3. What is happening at the subduction zone of the Juan de Fuca and North American Plates?

- a. Plates are sliding past each other.
- b. Plates are spreading apart.**
- c. One plate is being pulled under another.
- d. None of the above.

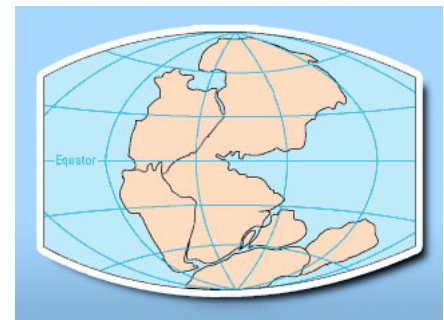
The correct answer is **c) One plate is being pulled under another.**

[Review: Chapter 5: Slip, Slide, & Collide](#)

### 4. Approximately 225 million years ago, the earth's continents were grouped into one landmass. What is the landmass called?

- a. Europa
- b. Jurassic
- c. Pangaea**
- d. Pangaea Ultima

**You answered correctly!**



5. What is the name of this tectonic plate?

- a. Australian Plate
- b. Indian Plate
- c. Pacific Plate
- d. Philippine Plate

*You answered correctly!*



6. Which scientist is credited with proposing the ideas that led to the development of the plate tectonics theory?

- a. Charles Darwin
- b. Albert Einstein
- c. Isaac Newton
- d. Alfred Wegener

*You answered correctly!*



7. What type of crust is found under the continents?

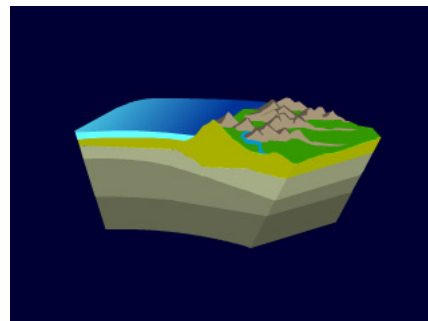
- a. Continental crust
- b. Oceanic crust
- c. Geologic crust
- d. None of the above

*You answered correctly!*

8. What is the earth's outermost layer?

- a. Crust
- b. Lithosphere
- c. Mantle
- d. Outer Core

*You answered correctly!*



9. This solid layer of the earth is made of mostly iron and nickel.

- a. Crust
- b. Inner Core
- c. Mantle
- d. Outer Core

*The correct answer is b) Inner Core*

[Review: Chapter 2: Earth's Structure](#)

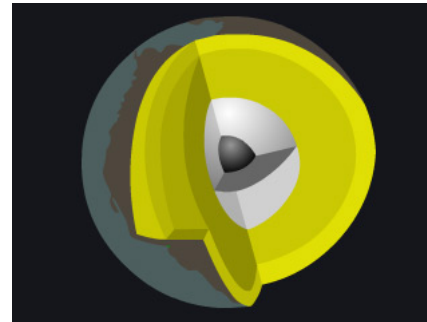


10. Which of these layers is found directly above the earth's core?

- a. Asthenosphere
- b. Inner Core**
- c. Mantle
- d. Outer Core

The correct answer is **c) Mantle**

[Review: Chapter 2: Earth's Structure](#)



11. Which of the following geologic events can occur at a transform boundary?

- a. Earthquake**
- b. Mountain formation
- c. Volcanic eruption
- d. Rift formation

You answered correctly!

12. Which of these statements is correct?

- a. Continental crust is thicker than oceanic crust.**
- b. Continental crust is thinner than oceanic crust.
- c. Oceanic crust is thicker than continental crust.
- d. Continental and oceanic crusts have the same thickness.

You answered correctly!

13. What is the border between two tectonic plates called?

- a. Boundary
- b. Collision zone**
- c. Rift
- d. Trench

The correct answer is **a) Boundary**

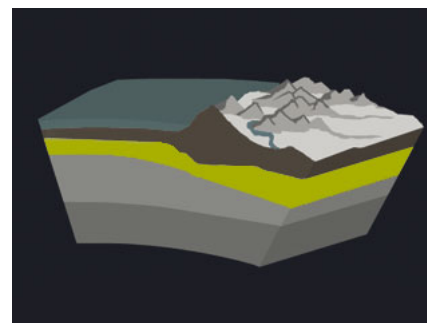
[Review: Chapter 4: Plates & Boundaries](#)



14. Which of the earth's layers is broken into several large tectonic plates?

- a. Asthenosphere
- b. Crust
- c. Lithosphere**
- d. Outer Core

You answered correctly!



15. Mid-ocean ridges are places where tectonic plates are doing what?

- a. Colliding
- b. Sliding past each other
- c. Spreading apart
- d. None of the above

*You answered correctly!*

16. What is the name of this tectonic plate?

- a. Cocos Plate
- b. Nazca Plate
- c. Scotia Plate
- d. South American Plate

*You answered correctly!*



17. What leads to the creation of island arcs?

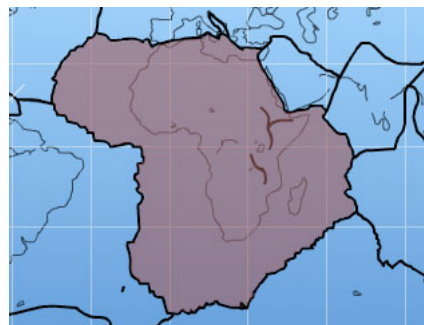
- a. Collision of two oceanic plates.
- b. Collision of two continental plates.
- c. Collision of a continental and an oceanic plate.
- d. All of the above.

*You answered correctly!*

18. What is the name of this tectonic plate?

- a. African Plate
- b. Antarctic Plate
- c. Arabian Plate
- d. Indian Plate

*You answered correctly!*



19. What kind of plate boundary is found where the North American and Caribbean Plates meet?

- a. Caribbean boundary
- b. Convergent boundary
- c. Divergent boundary
- d. Transform boundary

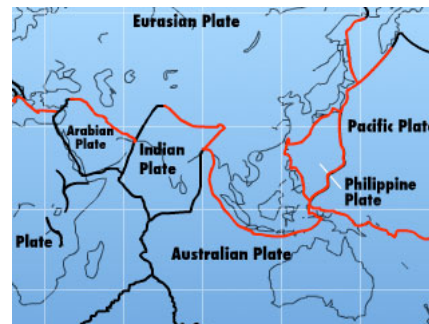
*You answered correctly!*



20. What kind of plate boundary is found at the meeting point of the Philippine and Pacific Plates?

- a. Asian boundary
- b. Convergent boundary**
- c. Divergent boundary
- d. Transform boundary

*You answered correctly!*



21. What type of crust is found under the oceans?

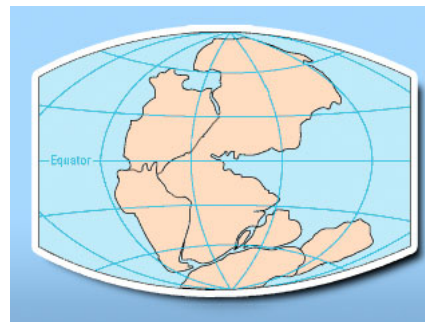
- a. Continental crust
- b. Oceanic crust**
- c. Geologic crust
- d. None of the above

*You answered correctly!*

22. When did the supercontinent Pangaea start to break up?

- a. 20 million years ago
- b. 40 million years ago
- c. 100 million years ago
- d. 200 million years ago**

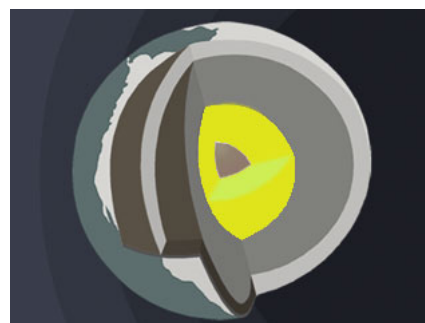
*You answered correctly!*



23. What is the earth's only liquid layer?

- a. Asthenosphere
- b. Inner Core
- c. Mantle
- d. Outer Core**

*You answered correctly!*



24. This animation depicts which of the following?

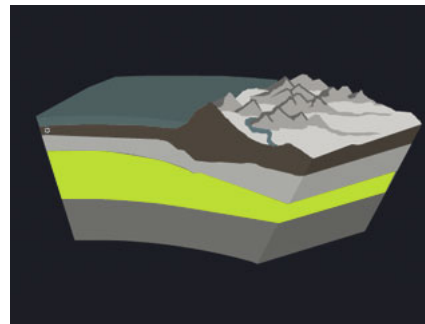
- a. Earthquake
- b. Rift formation**
- c. Mountain formation
- d. Volcanic eruption

*You answered correctly!*

25. The tectonic plates float on which semiliquid layer?

- a. Asthenosphere
- b. Crust
- c. Inner Core
- d. Lithosphere

*You answered correctly!*



26. California's San Andreas Fault is identified as which of the following?

- a. Blind thrust fault
- b. Dip-slip fault
- c. Normal fault
- d. Strike-slip fault

*You answered correctly!*

27. This animation depicts which of the following?

- a. Earthquake
- b. Mountain formation
- c. Subduction zone
- d. Rift formation

*You answered correctly!*

28. When did the Himalayan Mountain Range begin to form?

- a. 5,000-6,000 years ago
- b. 20-30 million years ago
- c. 40-50 million years ago
- d. 100-150 million years ago

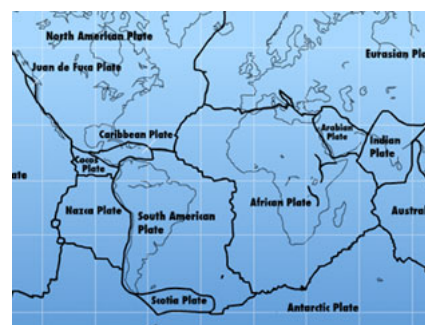
*The correct answer is c) 40-50 million years ago*

[Review: Chapter 5: Slip, Slide, & Collide](#)

29. Which of these concepts is part of the theory of plate tectonics?

- a. Continents are fixed and don't move.
- b. A great flood shaped the earth's surface.
- c. Continents are in slow constant motion.
- d. None of the above.

*You answered correctly!*



**30. What is NOT likely to happen at a divergent boundary?**

- a. Mountain formation**
- b. Rift valley
- c. Seafloor spreading
- d. Volcano formation

***You answered correctly!***

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