NEWFOUNDLAND AND LABRADOR EARTH SYSTEMS 3209 · UNIT A · 10 QUESTIONS

Earth Materials and Plate Tectonics — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Pangaea was a supercontinent that existed before the continents**

- A collided once
- B drifted apart
- C sank
- D formed

Understand It with Pulse | Flag a mistake

2

Seafloor spreading is supported by magnetic stripes on the ocean floor that are symmetric about mid ocean

A trenches

B plains

C ridges

D faults

Understand It with Pulse

Flag a mistake

3 **A hot spot volcano forms over a plume of hot mantle material that is relatively fixed while the plate moves**



A below it

B away from it

C through it only

D above it

Understand It with Pulse | Flag a mistake

4 **Lithosphere includes the crust and the uppermost rigid part of the**



A mantle

B outer core

C inner core

D atmosphere

Understand It with Pulse | Flag a mistake

5 **A plate moves 30 millimetres per year. In 1000000 years, the distance in kilometres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A sediment layer grows 2 millimetres per year. In 1000 years, the growth in millimetres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A fault slips 4 metres per earthquake. After 8 earthquakes, the total slip in metres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A rock is 500 grams with 125 grams of mica. The mica percentage is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A layer 80 metres thick erodes at 4 metres per thousand years. The time in thousands of years is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A volcano erupts 2 times per century. In 10 centuries, the eruptions number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. B
2. C
3. D
4. A
5. 30
6. 2000
7. 32
8. 25
9. 20
10. 20

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