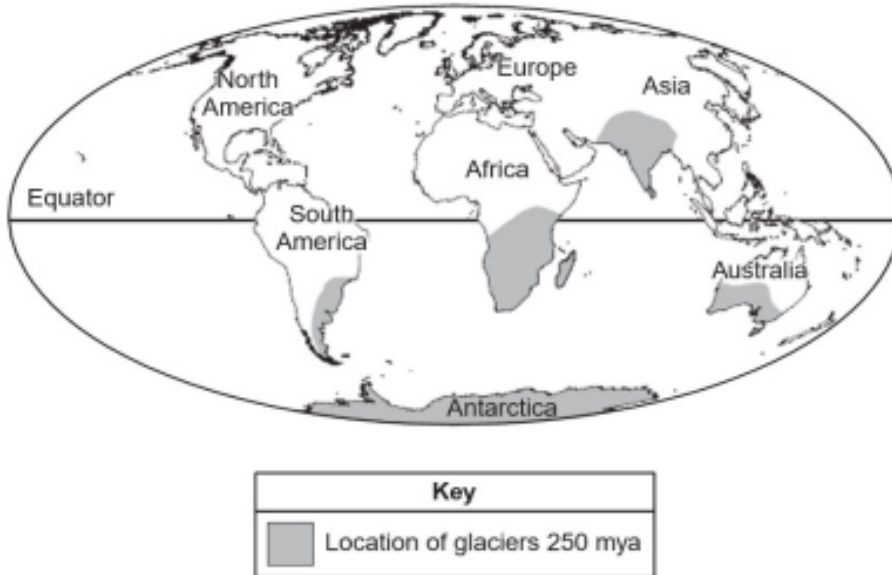


Written Task

Answer the Following questions:

Question 1 (5 Marks)

The map shows where glaciers existed 250 million years ago.



How do patterns of glacial features provide evidence of continental drift?

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Why did Alfred Wegener believe that all the continents once had been joined?

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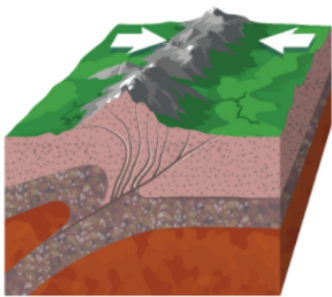
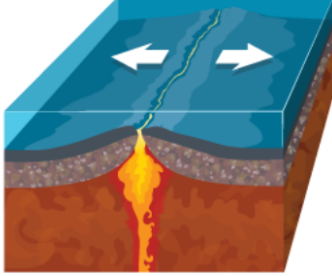
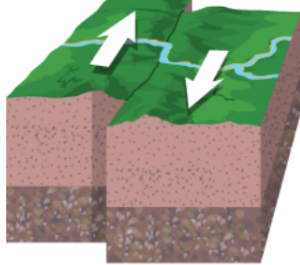
Identify two pieces of evidence used to support the hypothesis of continental drift.

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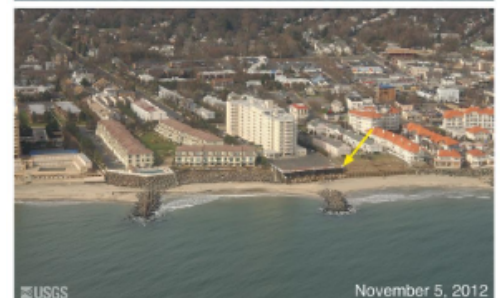
Question2 (5Marks):

			
Name of plate boundary			
Plate motion			
Example			
Scale of example (Rapid or slow /large or small)			

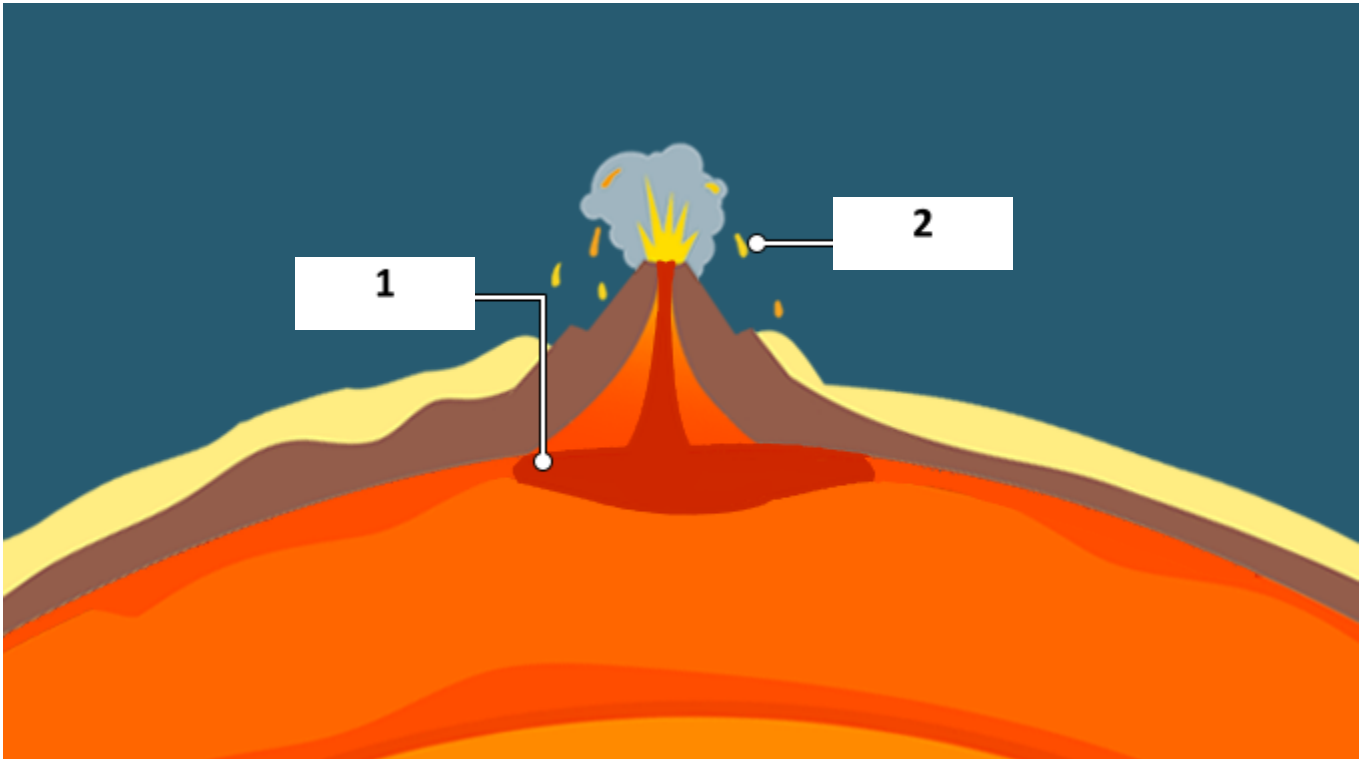
Question 3(5Marks):

How did the beach change over time ?

What caused the changes? Name the processes.



Question 4 (5 marks) :



label the missing parts:

- 1- (molten rock under earth surface)
- 2- (molten rock above earth surface)
- 3- rocks formed by deposition, cementation and compaction
- 4- rocks are formed by melting and crystallization
- 5- rocks are formed by high heat and pressure.

Question 5(5 Marks) :

Loihi island has about 969m to go to reach sealevel. What would be the average rate of growth per year if it took 10,000 years ?

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.....

What would be the rate if it took 100,000 years?

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Question 6 (5Marks) :

A magnitude 8 earthquake occurred and a magnitude 4 earthquake .

How much more shaking is produced from magnitude 8 earthquake compares to magnitude 4 one ?

.....
.....
.....

How much more energy produced ?

.....
.....
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