

Restless Earth Exam Questions

1/ Draw a labelled diagram to explain why earthquakes occur at conservative plate margins. (4 marks)

2/ Complete the paragraph below to explain why earthquakes happen at conservative plate margins (4 marks)

At conservative plate boundaries, plates move each other. They each other. The plates often stick and builds up. The sudden release of the plates causes a movement and an earthquake occurs.

3/ Give 2 differences between continental and oceanic crust. (2 marks)

4/ Explain how volcanoes form at constructive plate margins. (4 marks)

5/ Are the following statements about continental crust and oceanic crust true or false? (3 marks)

Oceanic crust can be destroyed **T or F**

Oceanic crust is generally lighter than continental crust **T or F**

Continental crust is generally older than oceanic crust **T or F**

6/ With the help of a diagram(s) explain the formation of ocean trenches (4 marks)

7/ Outline how the Richter scale is used to measure earthquakes. (3 marks)

8/ What is the difference between the focus and epicentre of an earthquake? (2 marks)

9/ To what extent are the effects of an earthquake in a richer area of the world are different from the effects of an earthquake in a poorer area of the world. (9 marks)

10/ Give 2 characteristics of an ocean trench (2 marks)

11/ Describe how earthquakes are measured using the Mercalli scale (3 marks)

12/ Outline the characteristics of a shield volcano (3 marks)

13/ Explain the formation of a composite volcano (4 marks)

