**1 (a)** Study **Figure 1** which shows the earth’s tectonic plates and the places where earthquakes occur worldwide.

1. Describe the distribution of earthquakes. (3)
2. Give **two** differences between continental crust and oceanic crust. (2)
3. Describe the location of ocean trenches. (2)
4. With the help of **Figure 1**, outline differences between constructive and destructive plate margins. (3)
5. Give **one** example of a conservative plate margin shown in **Figure 1**. (1)
6. Study **Figure 2**, a map showing the plate boundaries, volcanoes and earthquakes of
7. New Zealand.
8. Name the type of plate boundary at **Y** and **Z**. (2)
9. Using **Figure 2**, decide which **one** of the following statements is **true**. Write out the correct statement

* All volcanoes are found along a plate boundary.
* Christchurch is more than 100 km from a plate boundary.
* South Island has more volcanoes than earthquakes. *(1)*

1. *Explain the formation of fold mountains (4)*

*18 marks*

Fig 2