

4. (a) **Figure 7** below is a map of part of the Earth's surface.

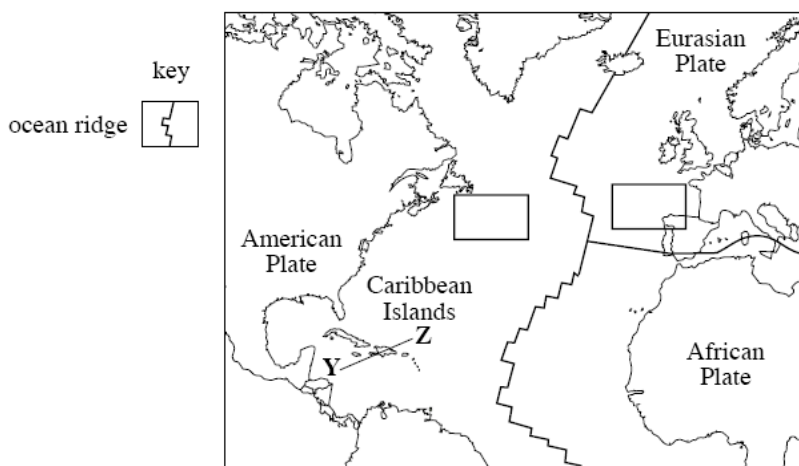


Figure 7

- (i) Show, by drawing arrows in the boxes on **Figure 7**, the direction of plate movement at those points on the map. [2]
- (ii) Describe the overall shape produced by the group of Caribbean Islands on **Figure 7**. [1]

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(iii) **Figure 8** below is a cross section from **Y - Z** on **Figure 7** above.

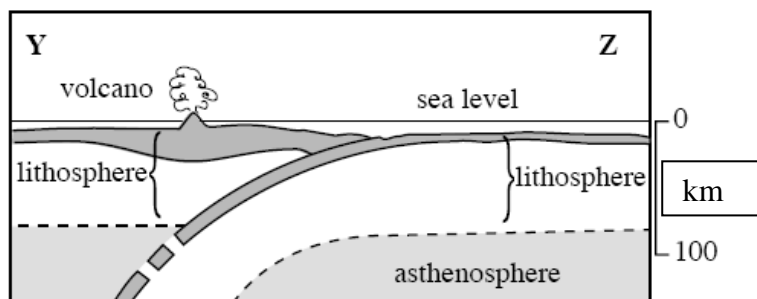


Figure 8

Using the number indicated, mark on **Figure 8** the position of the following: [3]

- an oceanic trench (1);
- deep focus earthquakes in the Benioff zone (2);
- an area with high heat flow (3).

(iv) **Figure 8** shows a plate margin. Name this type of plate margin. Tick (✓) only **one** box. [1]

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
conservative	convergent (destructive)	divergent (constructive)