

Sample question

(a) Study Fig. 1.

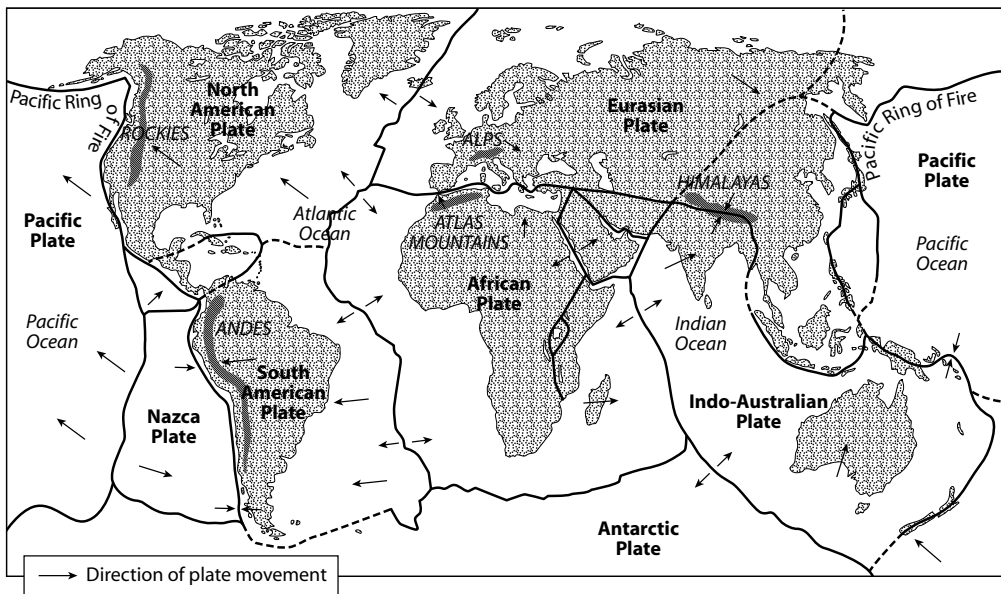


Fig. 1

- (i) What is the outer layer of the Earth called? (1)
- (ii) Use Fig. 1 to explain why the outer layer of the Earth can be compared with a jigsaw. (2)
- (iii) The following processes take place at plate boundaries. For each process name two plates that share a boundary where it is happening:
  - A sea-floor spreading
  - B subduction
  - C formation of fold mountains. (3)
- (iv) Explain why earthquakes occur at plate boundaries. (4)

(b)

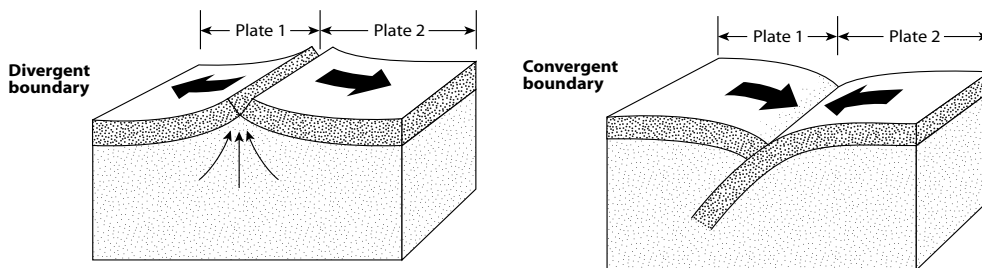


Fig. 2

- (i) Explain why volcanoes are formed at divergent plate boundaries. (3)
  - (ii) Explain why there are active volcanoes along convergent plate boundaries. (5)
- (c) Name an area you have studied and state whether it has been affected by an earthquake or a volcanic eruption. Describe how the earthquake or eruption affected people and the environment in the area. (7)

(Total 25)