
Exercise 1 Eustatic sea-level, relative sea-level and water depth

You should allow about 15 minutes to complete this Exercise. You will need a pencil and an eraser.

Question 1.1 From memory, write a short definition of the following three terms: eustatic sea-level; relative sea-level; and water depth.

Question 1.2 Which of the following influences each of the three terms listed above: sediment supply; local tectonic uplift; local tectonic subsidence; and changes in global sea-level?

Question 1.3 From memory, draw a diagram to illustrate eustatic sea-level, relative sea-level and water depth.