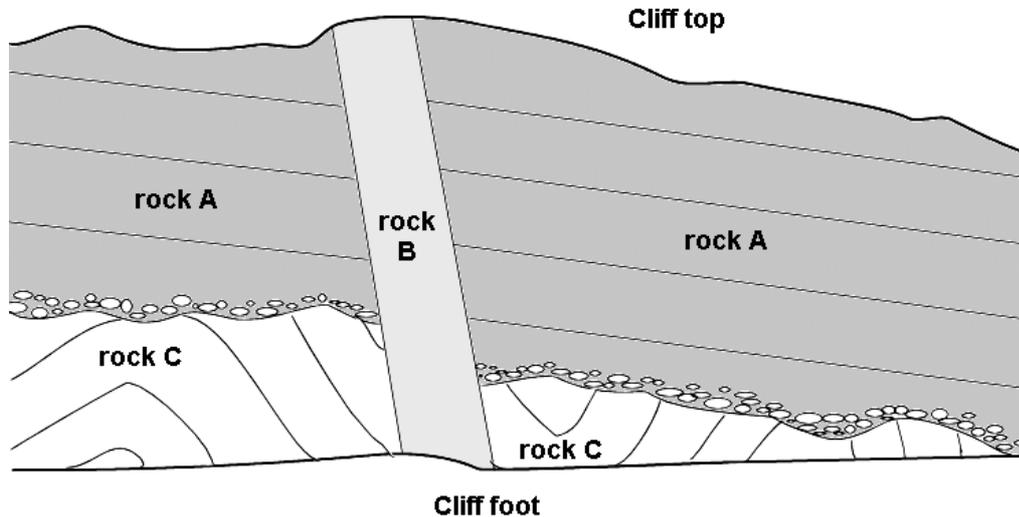




Level 7 SAT Question



7.3 The drawing below shows a cliff face which exposes three different types of rock, labelled **A**, **B**, and **C**.



(a) Rock **A** is formed from rounded sand grains that have been cemented together. It also has rounded pebbles of rock **C** near the base. What *other* evidence might confirm that rock **A** is *sedimentary*?

.....  
.....(1 mark)

(b) Rock **B** is crystalline and medium-grained. What *other* evidence might confirm that rock **B** is *igneous*?

.....  
.....(1 mark)

(c) Rock **C** is a *metamorphic* rock that has been strongly deformed (folded). Describe the possible *texture* of rock **C** by underlining **two** words from the following list:

crystalline, fragmental, random, foliated (or aligned). (2 marks)

(d) Give **one** reason for stating that rock **A** is *younger* than rock **C**.

.....(1 mark)

(e) Give **one** reason for stating that rock **B** is *younger* than both rocks **A** and **C**.

.....(1 mark)

**Total 6 marks**