



**Level 5 SAT question**

**5.1.** The photograph below shows a piece of sandstone containing a fossil.



(a) (i) What is a fossil?

.....

..... 1 mark

(ii) Which group of rocks does sandstone belong to?

..... 1 mark

(b) Basalt and granite are igneous rocks. They **never** contain fossils.

(i) How are igneous rocks formed?

.....

..... 1 mark

(ii) Explain why igneous rocks **never** contain fossils.

.....

..... 1 mark

(iii) Granite takes much longer to cool deep underground than basalt lava at the Earth's surface. How are the size of the crystals in granite different from the size of the crystals in basalt?

.....

..... 1 mark

**Maximum 5 marks**