



Level 6 SAT question



6.1. Five rocks are described in the table below.

- (a) From the information given, classify each rock as:
Igneous, Metamorphic or Sedimentary
One has been done for you.

Rock	Description of the rock's surface	Classification
A	The rock is crystalline. It has interlocking crystals of different colours. No layers can be seen.	
B	The rock is made of many rounded sand grains.	
C	The rock is crystalline with distinct black and grey bands.	Metamorphic
D	The rock has pieces of shells in it.	
E	The rock is very fine-grained, hard and splits into thin layers.	

4 marks

(b) Look at the descriptions of the rocks A, B, C, D and E

- (i) Sheets of slate are used as roofing material.

Which rock could be slate? (write down the letter) 1 mark

- (ii) When limestone is weathered, fossils may appear in the surface.

Which rock could be limestone? (write down the letter) 1 mark

- (iii) Granite is a crystalline rock. Its surface is speckled with a number of colours. It can be used for road chippings.

Which rock could be granite? (write down the letter) 1 mark

Maximum 7 marks