1. Describe / explain two properties of natural pine, that makes it ideal for the construction industry.

Property 1: ____________________________________________________________

Property 2: ____________________________________________________________

TO HELP YOU ANSWER THIS QUESTION http://www.technologystudent.com/rmflsh1/pine2.html
2. Corrugated card is used extensively in the manufacture of packaging. Why is this the case? - list two reasons below.

- WIDESPREAD USE
- KEEP TO PACKAGING NO OTHER PRODUCT

2 marks

GUIDANCE - When answering a question, break it down into basic statements and key words (see the 'question' below), these are underlined. When answering the question, tick each of the check boxes, to ensure that you have answered / understood every aspect of the question, which should ensure full marks.

TO HELP YOU ANSWER THIS QUESTION

3. Solar power is one form of alternative energy, that is becoming popular. What are the reasons for the increase in popularity.

- Keep to this energy source
- A number of reasons equal to total marks
- Keep to alternative energy, not fossil fuels
- Increased public / government approval and use

This means you will need four facts / points. (One fact / point will mean only one mark. Also, more than four facts will not result in extra marks.)

To help you answer this question: http://www.technologystudent.com/energy1/solar7.htm
4. Describe two ways in which natural woods are given a ‘finish’ to enhance and protect their surface. 4 marks

- Two finishes
- The finish must protect and enhance the surface
- Keep to natural woods
- Applied to the surface of the natural wood

This means you will need four facts / points. (one fact/point will mean only one mark. Also, more than four facts will not result in extra marks.)

To help you answer this question: [http://www.technologystudent.com/despro_flsh/mats_finish1.html](http://www.technologystudent.com/despro_flsh/mats_finish1.html)
5. What is **anthropometrics** and why do designers regard it as essential, when designing? 4 marks

**GUIDANCE** - Break down the question into key statements and key words. Underline the key statements and key words, before answering the question. What do they mean? Emphasise the marks available for this question.

**ANSWER**

http://www.technologystudent.com/designpro/ergo1.htm
http://www.technologystudent.com/despro_flsh/ergorest1.html
6. Why do designers make a model, before full production of the product takes place? *3 marks*

TO HELP YOU ANSWER THIS QUESTION [http://www.technologystudent.com/designpro/model1.htm](http://www.technologystudent.com/designpro/model1.htm)
7. Why do designers make a model, before full production of the product takes place?  

http://www.technologystudent.com/designpro/model1.htm