

Design & manufacture Homework No1

1. State what is meant by the term function?

2. Products are designed to perform a primary function but in order for them to function and perform efficiently and safely, they must also have secondary functions.

(a) State what the primary function of a steam iron is.

(b) List three secondary functions of the iron.

(c) Describe two factors that would influence how well the iron performs



3. When designing there are a number of **IDEA GENERATION TECHNIQUES** used.

Name two you have used in class and write a brief explanation for both of them.

4. Design Factors

Before producing a specification for a computer mouse, the designer would have researched various design factors.

With reference to computer mouse design:

A) state four design factors which would have to been researched;

(b) explain why each of these design factors are important.

