

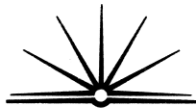


Question 15

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a) There are many technological advances in machinery that have impacted on the production of textile items, most of these advances have to do with the ever increasing reliance our society today has on computers. Advances in machinery include things such as Computer Aided Design Systems, Computer Aided Machinery, Mass Production / Industrial Sewing Machines and Overlockers, Industrial dyeing vats and washing machines, Industrial dryers not to mention Sewing machines and overlockers (for mainly personal use) that will sew designs that come from the CAD system (as long as they connect up to the computer).

These are just some of the many advances that are occurring in the industry every day, both here in Australia and Overseas. All these advances



enable both small and large companies and in private situations (such as homes and schools) to produce either in mass or singularly, textile items that are both of less cost to the producer, more time efficient and more labour efficient. This means that the producer can spend less time designing and constructing the product, and spend more time/money on marketing and selling a quality product to the consumer.

Even with the time and money efficiency of technological advances today, these products still ensure a quality product for the consumer.

The great thing about these advances is the fact that they are now extended to the private home. Everyday people, that aren't related in any way to the manufacturing side in the industry can purchase machines (sewing machines and



overlockers) that will produce the same quality garments and designs that an industrial sized one will.

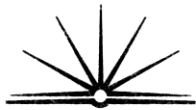
It shows that in today's society the limits are almost endless.

Everyday new advances are made possible by the textiles industries all over the world. These advances enable new things to be done within and out of the industry.

b) The changing nature of the textiles industry coincides closely to the changing and growing needs of the consumer. With every new demand of the consumer the industry must change to meet the demand.

New Advancements in Technologies within the industry have brought forth and opened up new possibilities in the industry.

Therefore one could say that at the present time advancements of technologies



within the field are bringing a positive impact to the industry.

Advancements such as Computer Aided Design and Computer Aided Machinery have helped the industry to expand and thrive by cutting the costs of labour and ~~producing~~ production, producing a finer quality product at a faster rate. This has forced workers in the industry to receive further training and education - to go from being manual laborers to technicians of the new machinery. This helps to raise the standard of the employees in the industry giving them more skills.

As previously mentioned the nature of the industry changes as consumer demands change. Advancements in such technologies have enabled the industry to meet demands such as higher quality products



at a cheaper price and also a faster produced product with a wider selection of products for every new season that meet current trends. 10 years ago & without such advancements this would not have been possible - without the positive and effective impact of these new technologies the industry would not have been able to meet the needs and demands of consumer markets (nationally & internationally) or the needs of the industry & staff.