

2002 HIGHER SCHOOL CERTIFICATE EXAMINATION
Textiles and Design

Section II (continued)

Question 13 — Properties and Performance of Textiles (10 marks) **Marks**

- (a) (i) Identify a recent innovation in decorative techniques used in the production of textiles. 1

digital computer design.....

- (ii) Discuss the impact of this innovation for each of the following: 4

Consumer for the consumer this would mean knowing that every pattern on the rack is the same, also knowing that all the sizes are the same instead of getting a totally different fit between 2 of the same size garment.

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Manufacturer for the manufacturer this would mean less time spent designing things because it is all done on the computer and less time spent cutting it all out & drawing up the pattern. This would also mean less wastage of material when cutting out the pattern because with the computer you would be able to design the best lay out to cut out the pattern so there would be less wastage of material.

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Question 13 (continued)

- (b) (i) Name a recent innovation in fibre, yarn or fabric that enhances fabric performance. 1

Scotch guarding

- (ii) Describe the innovation named and explain how it enhances the performance of a fabric. 4

The innovation named (Scotch guarding) is a product that can be bought in supermarkets and sprayed or applied to the desired product.

Scotch guarding can also be sent away to let professionals apply it to more bigger things such as lounges and so on.

Scotch guarding enhances the performance of a fabric by almost like coating the surface of the fabric so it acts as like a resister to oil, food, stains and so on. Scotch guarding is a great innovation because it pro-longs the life of a product and makes things easier to clean.

End of Question 13