

Textiles and Design

Section II (continued)

Marks

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

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

Computer aided design.

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

Consumer *has more input into the final layout when helping design clothing/motifs for garments eg photos printed on T-shirts*

Computer aided design also allows a greater choice of range in products.

Manufacturer *has less expense of paying a graphic artist to design prints/motifs reducing cost of manufacturing garments/products*

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Question 13 (continued)

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

elastomeric properties.....

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

Allows fabric to return to shape easily. Gives fabric stretch + excellent recovery property.
 Allowed specialist fabrics be developed eg bandages for medical use stretch jeans for mainstream ~~consumer~~ consumer use.
 Fabric performance is weakened due to continuous stretch + recovering, giving garments/products a shorter lifespan than those without elastomeric properties.....

End of Question 13