

# Textiles and Design

## Section H (continued)

Marks

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

- (a) Explain how a finishing technique can be used to enhance fabric performance for a specific end-use. 2

The finishing technique used to enhance the fabric performance could be a wrinkle resistance. This is so that it could be used in fabrics so that it can not wrinkle easily.

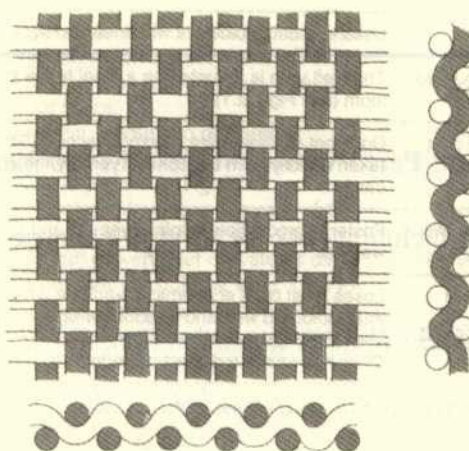
- (b) Explain the impact ONE technological advance in machinery has had on the production of textiles. 2

computer aid design. This is good for embroidery techniques. This has made production of textile items a lot quicker and easier, due it use to be all done by hand.

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Question 13 (continued)

- (c) Identify the fabric structure in the diagram. Explain why it is an appropriate structure for a cotton hat. 2



The fabric structure in the diagram is a weave. This fabric structure is appropriate for a cotton hat because it will let in the cool breeze and circulation of the air and it also will stop the sun from hitting your head.

- (d) (i) Identify a specific end-use that requires excellent abrasion resistance in a fabric. 1

business suits

- (ii) Describe how the fabric structure, yarn structure and fibre content optimise abrasion resistance. 3

This is all together is the weave as to help the resistance in wrinkling and the feel of the material against the skin which must be soft hand, drapes well.

End of Question 13