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Centre Number

Section II (continued)

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Student Number

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**

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

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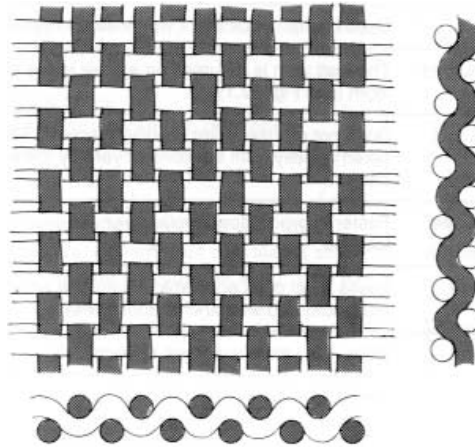
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Question 13 continues on page 10

Question 13 (continued)

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



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

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

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End of Question 13