2001 HIGHER SCHOOL CERTIFICATE EXAMINATION Textiles and Design

Section II (continued)

Marks **Ouestion 13 — Properties and Performance of Textiles** (10 marks) 2 Explain how a finishing technique can be used to enhance fabric performance (a) for a specific end-use. visher such as Phoban are one Five vetardaul Nat The cotton - 30 on. slove COT over heat an NUNT does not Qu. 0 frague extriguist. This is used 14mp Juito that the moun So burn. Explain the impact ONE technological advance in machinery has had on the 2 (b) production of textiles. machinen such as computerites INA and EVO acquar lenot Commu neveased whichit manufuch cutting Spe NE neare variations moner to wea labour costo and many 69 Saved hough acustife. is more

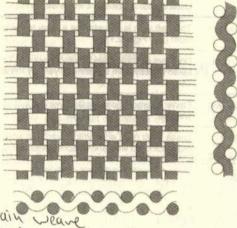
Question 13 continues on page 10

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Question 13 (continued)

(d)

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



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 Identify a specific end-use that requires excellent abrasion resistance in a fabric.

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

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Marks

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