

Textiles and Design

Section II (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

For a finishing contributes towards making the garments more attractive, more comfortable and suitable for washing or dry cleaning. It improves strength, lustour and wrinkle free.

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

A technological advance in machinery would be in sewing machines you can now sew a design on her garment without any hard work. You just press the design you want and it is sew on your garment.

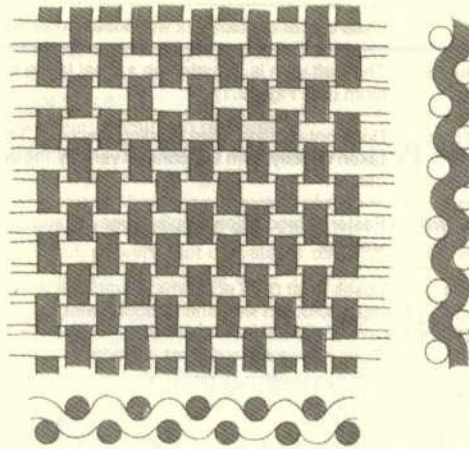
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This is a conveniences for it reduces time, effort and you don't have to be skilled to do it.

designers range from hearts, flowers to a picture of a girl.

Question 13 (continued)

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



It is a plain weave it is appropriate for a cotton hat for it is strong enough for washing. It does its job. And it won't unthread.

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

A carpet.

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

It makes the stem strong soft and abrasent. It protects it from dirt and water. It's safe, it keeps it in content and makes it suitable for its ~~resid~~ use. Also it makes it ^{static} elasticity to be reduced. End of Question 13