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

(a) Outline the process of digital printing. 2

1. A digital image is scanned / transferred onto a computer

2. The image is then printed onto a fabric / paper.

(b) What are the advantages and disadvantages of using digital printing in fabric design? 3

Advantages:

- adjustments/modifications can be made on computer to digital image
- convenient - motif can be repeated
- good quality

Disadvantages:

- fabric may crease and ruin digital printed design
- dye/ink may not always transfer properly.

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Question 13 (continued)

- (c) How have the characteristics of washable webs led to a greater variety of products being available? 5

..... Characteristics of washable webs
 are ~~absorbent~~ durable, fairly strong,
 lightweight, ~~and~~ recyclable, and absorbant.
 Washable webs are a non-woven
 recyclable material. In the 19th
 century, non-wovens were disposal
 but with the increase in technology in the 21st century
~~the non-woven has been made~~
 dimensional stability has been improved.
 Washable webs are durable and can
 be used more than once. They are
 recyclable and convenient to consumers, ^{as they get} good use
^{out of it.}
 Products such as 'chux' cloth, bra
 padding and interfacing have been made
 out of washable web. These characteristics
 have led to a variety of washable web
 products available due to consumer demand
 for a material that is convenient and re-usable.

End of Question 13