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

(a) Outline the process of digital printing.

2

Digital printing ~~involves~~ ^{or picture} is the process in which an image from a computer is printed directly onto the fabric via a printer.

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

3

Advantages

- Time efficient - quick
- Easy to use + professional
- Wide range of colours / patterns to use.

Disadvantages

- Costly to set up + maintain
- images are limited to the printer size
- Can be difficult to work

Question 13 continues on page 10

Question 13 (continued)

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

Washable webs - fabric made of synthetic non woven sources usually bonded by heat + adhesives.

Washable webs are lightweight, durable, non fraying, absorbent, and abrasion resistant.

They are extremely easy ^{and quick} to manufacture and are therefore readily available to the public.

Washable webs can include popular products such as interfacing, tea bag covers which are at times in demand.

Washable webs do not last long however

BUT they are extremely environmentally friendly (replacing plastic bags). Because washable webs are quick, easy and environmentally safe to manufacture a wide variety of products (as mentioned) have become available.

End of Question 13 in apparel
They can also include items such as baby nappies - which are also in high demand.