

Textiles and Design

Section II (continued)

Marks

Question 12 — Design (10 marks)

- (a) Distinguish between functional and aesthetic design. 2

Functional design refers to if the design suits the specific purpose of its criteria. ie - comfortable, workwear - durable.

Aesthetic design refers to how the design looks, if it is visually pleasing.

- (b) (i) Identify ONE of the principles used in textile dyeing. 1

Absorbing qualities / rate.

- (ii) Describe and evaluate how an experiment you have conducted demonstrated this textile dyeing principle. 3

Through the use of experimenting with different fabrics such as cotton, silk and polyester. I tested the same dyes on each fabric and timed which fabric absorbed the most dye with a time span of 30 sec.

Evaluation - Due to silk being having the same absorption rate of wool. Silk had absorbed and retained the bright ~~with~~ ^{colour} of the dye with the piece being 75% covered.

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Question 12 (continued)

- (c) Identify and describe a process of applying colour to textiles used by a culture of your choice.

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Culture Indian.

Process The process of dyeing fabrics in the area of North-west India is traditionally done by the women of the village.

~~Fabrics~~ Fabric dyed using natural colours from flowers, the earth.

The fabric dyed to get the richness of the colour turquoise is usually rinsed/washed in the ~~the~~ running waters of the rivers as ~~the~~ the Indians feel that the mineral compounds in the water provide ~~the~~ a richness of the colour and make it longer lasting.

End of Question 12