

Textiles and Design

Section II (continued)

Marks

Question 12 — Design (10 marks)

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

Functional design is where the textile ~~item~~ is serviceable, suited to its end use for its properties and performance. It is that it 'works well'. Aesthetic design is that the textile item is suitable in appearance. It is what 'looks good' and pleasing to the eye.

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

Tie dyeing is used in textile dyeing, usually for small scale production or for craft interests.

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

Tie Dyeing is an interesting and effective method of dyeing textiles. Fabrics are rolled up and tied on the ends and placed in a container holding a dye. When dried, ^{taken out and} a white ringed effect ^{made} where the fabric was tied, ~~is made~~. Objects such as stones can be included in the fabric in the dyeing process to create different effects. Also, different colours can be used to create a ^{unique} colourful garment or textile piece.

Question 12 continues on page 8

Question 12 (continued)

- (c) Identify and describe a process of applying colour to textiles used by a culture of your choice. 4

Culture ^{The} Indian culture uses many ways of decorating textiles.

Process The Indians have a rich culture associated with textiles. One such process they have used over many years is hand dyeing of fabrics. The dyes which they produce, themselves, from nature such as leaves or soil, can be used to dye fabrics in rich, bright colours. The slow moving rivers in some areas of India, are perfect for the dyeing process. These methods of dyeing are passed down in the family, and some methods were kept ~~secret~~ ~~and~~ from the knowledge of others, so that the process belonged only to a certain caste or family. The process of hand dyeing is seen less often now, as the mass ~~production~~ dyeing of textiles in Western countries has made it faster and more economical to dye textiles on a large scale.

End of Question 12