

DESIGN AND TEXTILES

9631/03

Paper 3 Textile Applications and Textile Technology

October/November 2014

2 hours

Additional Materials: Answer Booklet/Paper

READ THESE INSTRUCTIONS FIRST

If you have been given an Answer Booklet, follow the instructions on the front cover of the Booklet.

Write your Centre number, candidate number and name on all the work you hand in.

Write in dark blue or black pen.

You may use a pencil for any diagrams or rough working.

Do not use staples, paper clips, glue or correction fluid.

DO NOT WRITE IN ANY BARCODES.

Answer **four** questions in total.

Section A

Answer **both** questions.

Section B

Answer **two** questions.

Illustrate your answers with clear, well-spaced diagrams.

You may, if you wish, use the silhouette on page 4 to produce outlines for your sketches. Place the silhouette under a single sheet of script paper and trace the outline in pencil.

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of 4 printed pages.

Section A

Answer **both** questions.

- 1** There are many styles of sports clothing made from a variety of different fabrics.
- (a) List **three** items of sports clothing, and name **one** different fabric for each item. [3]
- (b) Sketch and label **two** of the items of sports clothing from (a).
Justify your choice of fabrics and designs. [6]
- (c) Discuss the factors which need to be considered when writing a specification for fabrics and components for sports clothing. [7]
- (d) Assess a variety of suitable fabric finishes which improve the **handle** and **performance** of fabrics for sports clothing. [9]

[Total: 25]

- 2** Surface decoration is a popular method to enhance fashion items.
- (a) Explain **four** factors which need to be considered when choosing which type of appliqué to work on a fashion item. [4]
- (b) Sketch and label **two** dresses which could be worn to a named special occasion and use appliqué and **one other** type of surface decoration, in a creative way. [6]
- (c) Compare how the appliqué for **one** of the dresses could be worked:
- (i) by hand for one-off production; [4]
- (ii) by machine for batch production. [5]
- (d) Discuss the factors which cause physical wear of surface decoration. [6]

[Total: 25]

Section B

Answer **two** questions.

- 3** Colour is important in the fashion industry.
- (a) State **four** factors which a fashion designer needs to consider when choosing colour(s) for fashion items. [4]
- (b) (i) Sketch and label a coloured design suitable for a shirt which could be silk painted. [4]
(ii) Justify your choice of design and colour(s) for the shirt in (b)(i). [4]
- (c) Discuss the most effective way of caring for silk painted textile items. [5]
- (d) Assess the suitability of the following for colouring fabrics:
- (i) natural dyes;
(ii) synthetic dyes. [8]

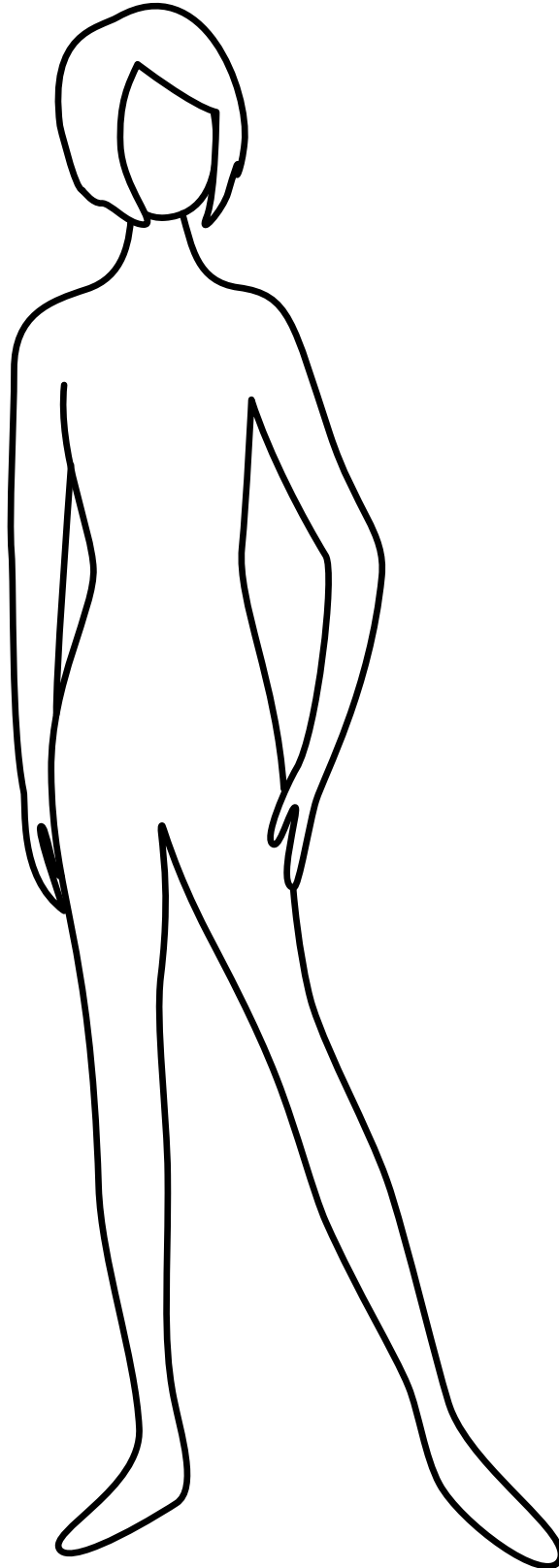
[Total: 25]

- 4** The selection of appropriate materials needs to be considered when designing and making textile items.
- (a) Sketch and label a textile accessory which makes use of **two** different fabrics and could be sold from a small retail outlet. [3]
- (b) Justify the design in (a) in terms of **aesthetic appeal** and **cost**. [4]
- (c) Discuss the main factors a manufacturer will need to consider when selecting materials for the textile accessory before producing a small batch of the items. [8]
- (d) Assess the range of closures (fastenings) available to the garment/accessory manufacturer. [10]

[Total: 25]

- 5** Design and construction of textile products includes many processes.
- (a) Explain **two** reasons why good design in fashion items is important. [2]
- (b) (i) Sketch and label **two** ideas for women's summer jackets. [4]
(ii) Justify your choice of design (style), fabric and colour for both jackets. [6]
- (c) Discuss **six** factors which need to be considered when selecting construction processes for **one** of the jackets in (b). [6]
- (d) Compare a range of different types of **stitches** which could be used in the production of the jacket in (c). [7]

[Total: 25]



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