

**DESIGN AND TEXTILES****9631/03**

Paper 3 Textile Applications and Textile Technology

**October/November 2016****2 hours**

No Additional Materials are required.

**READ THESE INSTRUCTIONS FIRST**

An answer booklet is provided inside this question paper. You should follow the instructions on the front cover of the answer booklet. If you need additional answer paper ask the invigilator for a continuation booklet.

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 sheet of paper in the answer booklet and trace the outline in pencil.

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

This document consists of **4** printed pages and **1** Insert.

**Section A**

Answer **both** questions.

- 1** Designing to a specification is important.
- (a)** **(i)** State **three** factors that a fashion designer would need to consider when designing fashion items which will be manufactured in large quantities. [3]
- (ii)** Choose **two** of the factors stated in **(a)(i)** and explain why they are important to a manufacturer. [4]
- (b)** Explain with the use of examples what is meant by the following terms in relation to designing fashion items:
- (i)** fitness for purpose; [3]
- (ii)** safety of textiles; [3]
- (iii)** environmental issues. [3]
- (c)** Explain how a designer would choose which fabric finishes to include when designing fashion items. Include examples to support your answer. [9]

**[Total: 25]**

- 2** There is a wide range of traditional creative textile techniques from different cultures.
- (a)** State **four** factors to consider when choosing which traditional creative textile techniques to use on a textile item. [4]
- (b)** **(i)** Name **one** traditional creative technique. [1]
- (ii)** Discuss the equipment and other materials required to carry out the traditional creative technique named in **(b)(i)**. In your answer you should justify your choices. [8]
- (c)** State **four** points to consider when choosing fabrics for working **one** named traditional creative technique. [4]
- (d)** Explain how to care for textiles that have creative techniques and processes worked on them. Include examples to support your answer. [8]

**[Total: 25]**

**Section B**

Answer any **two** questions.

**3** There are many ways of constructing textile products.

- (a) Discuss the variety of factors that need to be considered when selecting fabrics for the production of ladies' trousers. [12]
- (b) Assess different construction methods available to the production manager when manufacturing a large quantity of trousers. You may include diagrams and examples to support your answer. [13]

**[Total: 25]**

**4** Product design is an important part of the development of new fashion items.

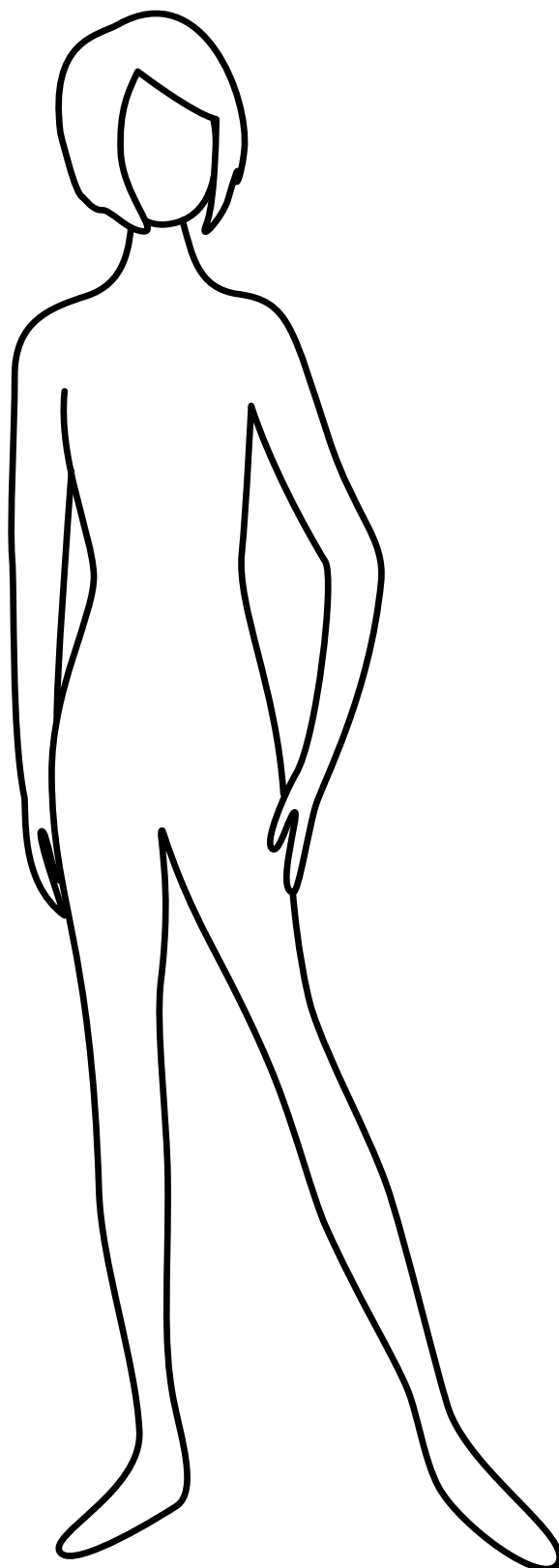
- (a) Explain what is meant by the term 'product development' when designing a new fashion item. Include specific examples in your answer. [8]
- (b) Discuss the factors that need to be considered by a manufacturer when planning production of a new fashion item. [8]
- (c) Discuss how a manufacturer can ensure that machinery is used safely when producing fashion items. Include examples to support your answer. [9]

**[Total: 25]**

**5** The application of colour is an important part of textile design.

- (a) Discuss the range of methods available for adding colour to:
- (i) yarns; [6]
- (ii) fabrics. [6]
- (b) Assess the range of surface decorative effects which can add **both** colour and texture to textiles. Include specific examples in your answer. You may use labelled sketches to support your answer. [13]

**[Total: 25]**



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